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uniarch
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2024

Product Catalog

Mission

With its “Life in focus” in mind, Uniarch is paving the way for the changes: to achieve that, we make effort in transforming people’s day to day lives, as well as businesses of every size.

Via optimizing for ease of use, we leave rooms for what’s matter the most. By business empowerment, we entail creating an environment that fosters growth.

Uniarch envisions a world where enables everyone to a fulfilling life.

About Uniarch

Uniarch is a new brand created by Uniview Technologies.

With more than 10 years of experience and technology accumulation, we provide easy-to-use and cost-effective products in Uniarch, ranging from IP security system to display, for home and SMB business worldwide.

Uniarch is founded with the vision to create environments where people and businesses are able to achieve more.

Since then, we've become a global provider committed to delivering technology-driven products and solutions, and building a community for people to connect.

Product Line: CCTV, display etc.





CONTENT

Home Security Camera

Indoor camera	06
Outdoor camera	08

Network Camera

Fixed-Lens Cameras	11
Vari-Focal Cameras	28
Dual-Light Rainbow Cameras	37
PT Cameras	39

Video Recorder

NVR	41
XVR	45

Display

LED	49
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Transmission

Switch	51
Network cables	55

Home Security Camera

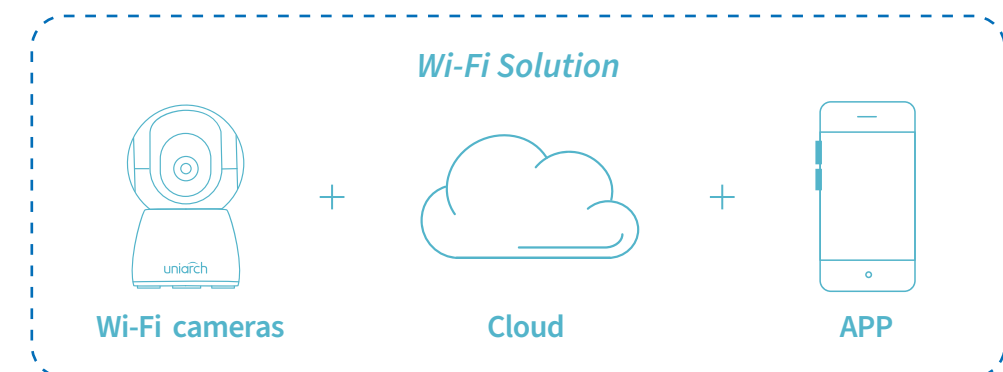
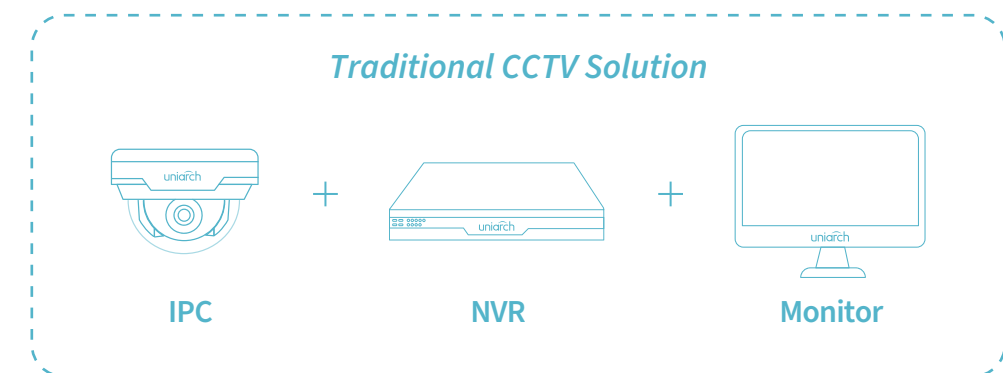
Cloud-based technology is progressively penetrating the SMB market, transitioning some small business markets from traditional IPC+NVR+monitor solutions to Wi-Fi camera+cloud+APP solutions. For installers, the value of Wi-Fi solutions lies in simplified installation, minimized wiring complexities, and support for remote maintenance. For end users, the products are easy to use. They are featured with cost saving and support remote access from any location at any time. In the Wi-Fi solution, we place emphasis on Wi-Fi cameras, cloud technology, and app usability. All these three are indispensable.

Wi-Fi solution: new choice in SMBG Market

Cloud-based technology is being embraced in the SMB Market.

For installers: Simplify installation, minimize wiring complexities, and enable remote maintenance.

For end-users: Low learning curves, cost savings, and remote access from any location at any time.



In a Wi-Fi solution, Wi-Fi products, cloud, and app are indispensable; missing one is not an option.

Star Product:

Indoor Wi-Fi Pan & Tilt Camera S2/S2E



Key features

Image

- 2/3/4MP resolution
- 360° Panoramic View
- 10m Smart IR

Smart Features

- Motion Detection
- Auto Tracking
- Human Body Detection
- Sound Detection

Others

- Dual-way Audio
- SD card & NVR Storage
- H.265

Application scenarios



Apartment



Bakery



Convenience Store

Free to place camera on a shelf or fix it to your wall or ceiling



Star Product:

Outdoor Dual-light Wi-Fi Bullet Camera B2D



Software
Smart Function



Human



Vehicle

Key features

- 3/5MP resolution
- Dual-light technology
- mic & speaker
- Three supplement lights mode
- IP67 ingress protection

Application scenarios



Fish ponds



orchards



Retail

Dual-light bullet camera can be applied in wider scenarios where colorful images and additional deterrent are necessary

Advanced hardware



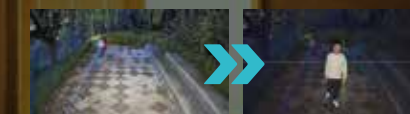
Non-screw design

Smart dual-light mode



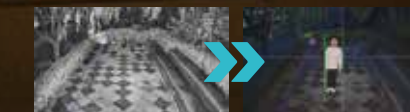
IR mode

Turn on infrared light, trigger warm light shining when the rules are triggered



Warm light mode

Turn on warm lights, automatically adjust the brightness for clear image



Dual light mode

Switch from infrared lights to warm lights when the rules are triggered

Star Product:

Outdoor Dual-light Wi-Fi PT Camera P1A



Key features

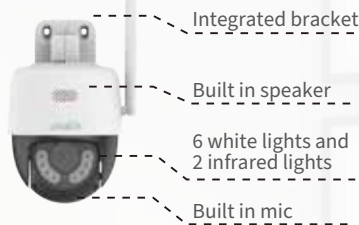
- 3/5MP resolution
- Dual-light technology
- Built in mic and speaker
- Three supplement lights mode
- IP66 ingress protection

Application scenarios



Dual-light PT camera can be applied in wider scenarios where colorful images and addition deterrent are necessary

Advanced hardware



Easy to install
Integrated bracket
support wall
mounting and
ceiling

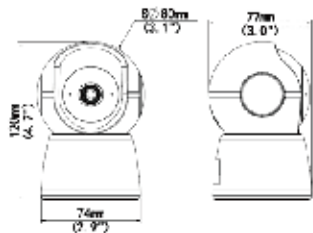
Indoor Pan & Tilt Wi-Fi Camera S2



Key Features

- High quality image with 2MP, 1/3"CMOS sensor
- 2/3/4 MP resolution
- Ultra 265, H.265, H.264
- Built-in Mic & Speaker, support two-way audio, offer better interaction
- IR night vision, up to 10m (33ft) IR distance
- Support 256 G Micro SD card
- Wi-Fi connection and easy installation

Dimensions



Specifications

	Uho-S2	Uho-S2-M3	Uho-S2-M4
Camera			
Sensor	1/3"	1/3"	1/3"
WDR	DWDR		
Lens	Lens		
Lens Type	4.0mm @F2.0		
Illuminator			
IR Range	Up to 10m (33ft)		
Wavelength	850nm		
Video			
Video Compression	Ultra 265, H.265, H.264		
Frame Rate	Main Stream: 2MP (1920*1080), Max 25fps; 720P (1280*720), Max 25fps; Sub Stream: 640*360,Max 25fps; 2CIF(704*288), Max 25fps; CIF(352*288), Max 25fps;	Main Stream: 3MP (2304*1296), Max 25fps; 2MP (1920*1080), Max 30fps; 720P (1280*720), Max 30fps; Sub Stream: 640*360,Max 25fps; 2CIF(704*288), Max 25fps; CIF(352*288), Max 25fps;	Main Stream: 4MP (2560*1440), Max 25fps; 3MP (2304*1296), Max 25fps; 2MP (1920*1080), Max 30fps; 720P (1280*720), Max 30fps; Sub Stream: D1 (720*576), Max 30fps; 640*360,Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), Max 30fps;
Video Stream	Dual streams		
Image			
Digital Noise Reduction	2D/3D DNR		
Smart IR	Support		
Events			
Basic Detection	Human body detection, Motion detection, Audio Detection		
Auto tracking	Support		
General Function	IP address filtering, Access policy, ARP protection, RTSP authentication, User authentication, HTTP authentication		
Audio			
Audio Compression	G.711U,G.711A		
Two-way Audio	Support		
Storage			
Edge Storage	Micro SD, up to 256GB		
Network			
Wi-Fi	2.4G Wi-Fi (IEEE802.11b/g/n), built-in antenna		
Protocols	IPv4, TCP, UDP, DHCP, RTSP, DNS, DDNS, NTP, HTTP		
Pan & Tilt			
Pan Range	0° ~ 340°		
Tilt Range	-5° ~ 55°		
Interface			
Built-in Mic	Support		
Built-in Speaker	Support		
General			
Power	DC 5V/1.5A Micro USB interface		
Weight	0.18kg(0.40lb)		
Working Environment	-10 C ~55 C (-14°F ~ 131°F) , Humidity: ≤95% RH (non-condensing)		
Storage Environment	-10 C ~55 C (-14°F ~ 131°F) , Humidity: ≤95% RH (non-condensing)		

Indoor Pan & Tilt Wi-Fi Camera

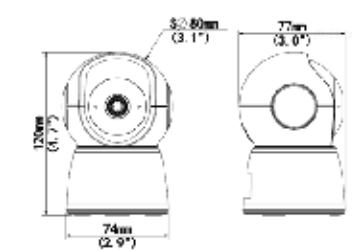
S2E



Key Features

- Ultra 265, H.265, H.264
- Built-in Mic & Speaker, support two-way audio, offer better interaction
- IR night vision, up to 10m (33ft) IR distance
- Support 256 G Micro SD card
- Wi-Fi connection and easy installation

Dimensions



Specifications

	Uho-S2E	Uho-S2E-M3	Uho-S2E-M4
Camera			
Sensor	1/3", 2.0 megapixel, progressive scan, CMOS	1/3", 3.0 megapixel, progressive scan, CMOS	1/3", 4.0 megapixel, progressive scan, CMOS
WDR	DWDR		
Lens			
Lens Type	4.0mm @F2.0		
Illuminator			
IR Range	Up to 10m (33ft)		
Wavelength	850nm		
Video			
Video Compression	Ultra 265, H.265, H.264		
Frame Rate	Main Stream: 2MP (1920*1080), Max 25fps; 720P (1280*720), Max 25fps; Sub Stream: 640*360,Max 25fps; 2CIF(704*288), Max 25fps; CIF(352*288), Max 25fps;	Main Stream: 3MP (2304*1296), Max 25fps; 2MP (1920*1080), Max 30fps; 720P (1280*720), Max 30fps; Sub Stream: 640*360,Max 25fps; 2CIF(704*288), Max 25fps; CIF(352*288), Max 25fps;	Main Stream: 4MP (2560*1440), Max 25fps; 3MP (2304*1296), Max 25fps; 2MP (1920*1080), Max 30fps; 720P (1280*720), Max 30fps; Sub Stream: D1 (720*576), Max 30fps; 640*360,Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), Max 30fps;
Video Stream	Dual streams		
Image			
Digital Noise Reduction	2D/3D DNR		
Smart IR	Support		
Events			
Basic Detection	Human body detection, Motion detection, Audio Detection		
Auto tracking	Support		
General Function	IP address filtering, Access policy, ARP protection, RTSP authentication, User authentication, HTTP authentication		
Audio			
Audio Compression	G.711U,G.711A		
Storage			
Edge Storage	Micro SD, up to 256GB		
Network			
Wi-Fi	2.4G Wi-Fi (IEEE802.11b/g/n), built-in antenna		
Protocols	IPv4, TCP, UDP, DHCP, RTSP, DNS, DDNS, NTP, HTTP		
Pan & Tilt			
Pan Range	0° ~ 340°		
Tilt Range	-5° ~ 55°		
Interface			
Built-in Mic	Support		
Built-in Speaker	Support		
General			
Power	DC 5V/1.5A		
	Micro USB interface		
Working Environment	-10℃ ~55℃ (-14°F ~ 131°F), Humidity: ≤95% RH (non-condensing)		
Storage Environment	-10℃ ~55℃ (-14°F ~ 131°F), Humidity: ≤95% RH (non-condensing)		
Reset Button	Support		

Outdoor IR Bullet Camera

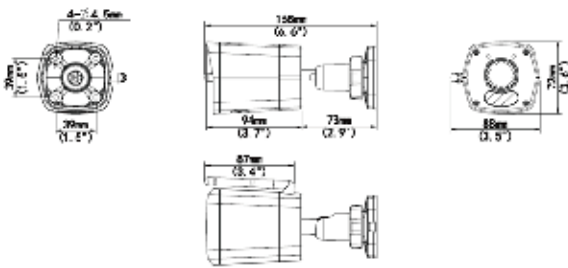
B1R 2MP



Key Features

- High quality image with 2MP, 1/2.9"CMOS sensor
- 2MP (1920*1080)@30/25fps; 720P (1280*720)@30/25fps
- Ultra 265, H.265, H.264, MJPEG
- Built-in Mic
- Smart IR, up to 30m (98ft) IR distance
- Supports 128 G Micro SD card
- IP67 protection
- 3-Axis

Dimensions



Accessories



Specifications

	Uho-B1R-M2F3	Uho-B1R-M2F4
Camera		
Sensor	1/2.9", 2.0 megapixel, progressive scan, CMOS	
Adjustment angle	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°	
WDR	DWDR	
Lens		
Lens Type	2.8mm@F2.1	4.0mm@F2.1
Iris	Fixed	
Illuminator		
IR Range	Up to 30m (98 ft) IR range	
Wavelength	850nm	
Video		
Video Compression	Ultra 265, H.265, H.264, MJPEG	
Frame Rate	Main Stream: 1080P (1920*1080), Max 30fps; 720P (1280*720), Max 30fps; Sub Stream: 720P (1280*720), Max 30fps; D1 (720*576), Max 30fps; 640*360,Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), Max 30fps;	
Video stream	Dual streams	
Image		
Digital Noise Reduction	2D/3D DNR	
Smart IR	Support	
Events		
Basic Detection	Human body detection, Motion detection, Audio detection, Tampering alarm	
General Function	IP address filtering, Access policy, ARP protection, RTSP authentication, User authentication, HTTP authentication	
Audio		
Audio Compression	G.711U, G.711A	
Storage		
Edge Storage	Edge Storage Micro SD, up to 128GB	
Network		
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, RTMP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, SSL/TLS, SNMP	
Wi-Fi		
Wireless Standards	Wireless Standards	IEEE802.11b/g/n
Frequency Range	Frequency Range	2.4 GHz ~ 2.4835 GHz
Interface		
Built-in Mic	Support	
Built-in Speaker	N/A	
Network	1 * RJ45 10M/100M Base-TX Ethernet	
General		
Power	DC 12V±25% Power consumption: Max 3.6W	
Material	Metal + Plastic	
Working Environment	-30 C ~60 C (-22°F ~ 140°F) , Humidity: ≤95% RH (non-condensing)	
Storage Environment	-30 C ~60 C (-22°F ~ 140°F) , Humidity: ≤95% RH (non-condensing)	
Surge Protection	4KV	
Reset Button	Support	

Outdoor IR Bullet Camera

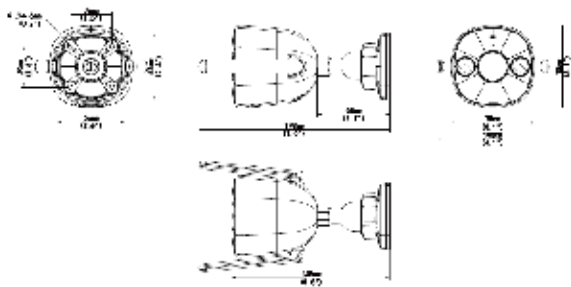
B2R 2MP



Key Features

- High quality image with 2MP, 1/2.9"CMOS sensor and F1.6 aperture lens
- 2MP (1920*1080)@30/25fps; 720P (1280*720)@30/25fps
- Ultra 265, H.265, H.264, MJPEG
- Built-in Mic
- Built-in Speaker
- Smart IR, up to 20m (66ft) IR distance
- Support 128 G Micro SD card
- Wi-Fi connection and easy installation
- IP67 protection
- 3-Axis

Dimensions



Accessories



TR-UP06-B-IN
Pole Mount



TR-JB05-A-IN
Junction Box



TR-UP06-C-IN
Pole Mount



TR-A01-IN
Waterproof Joint

Specifications

	Uho-B2R-M2F3	Uho-B2R-M2F4
Camera		
Sensor	1/2.9", 2.0 megapixel, progressive scan, CMOS	
Adjustment angle	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°	
WDR	DWDR	
Lens		
Lens Type	2.8mm@F1.6	4.0mm@F1.6
Iris	Fixed	
Illuminator		
IR Range	Up to 20m (66ft)	
Wavelength	850nm	
Video		
Video Compression	Ultra 265, H.265, H.264	
H.264 code profile	Baseline profile, Main profile, High profile	
Frame Rate	Main Stream: 1080P (1920*1080), Max 30fps; 720P (1280*720), Max 30fps; Sub Stream: 640*360,Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), Max 30fps;	
Video stream	Dual streams	
Image		
Digital Noise Reduction	2D/3D DNR	
Smart IR	Support	
Events		
Basic Detection	Human body detection, Motion detection, Audio detection, Tampering alarm	
General Function	IP address filtering, Access policy, ARP protection, RTSP authentication, User authentication, HTTP authentication	
Audio		
Audio Compression	G.711U, G.711A	
Two-way Audio	Support	
Storage		
Edge Storage	Micro SD, up to 128GB	
Network		
Wi-Fi	2.4G Wi-Fi (IEEE802.11b/g/n), built-in antenna	
Protocols	IPv4, TCP, UDP, DHCP, RTSP, DNS, DDNS, NTP, HTTP	
Interface		
Built-in Mic	Support	
Built-in Speaker	Support	
Network	1 * RJ45 10M/100M Base-TX Ethernet	
Certifications		
Protection	IP67 (IEC 60529)	
General		
Power	DC 12V±25% Power consumption: Max	
Material	Metal + Plastic	
Working Environment	-30 C ~60 C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)	
Storage Environment	-30 C ~60 C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)	
Reset Button	Support	

Dual-light Bullet Camera

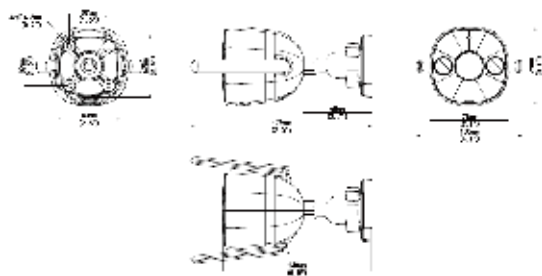
B2D 3MP



Key Features

- High quality image with 3MP, 1/2.7"CMOS sensor and F1.6 aperture lens
- 3MP (2304*1296)@25/20fps; 2MP (1920*1080)@30/25fps; 720P (1280*720)@30/25fps
- Ultra 265, H.265, H.264, MJPEG
- Smart IR, up to 20m (66ft) IR distance
- Support Dual Light mode, switch between IR and warm lights when the preset is triggered.
- Support 128 G Micro SD card
- Wi-Fi connection and easy installation
- IP67 protection
- 3-Axis

Dimensions



Accessories



TR-UP06-B-IN
Pole Mount



TR-JB05-A-IN
Junction Box



TR-UP06-C-IN
Pole Mount



TR-A01-IN
Waterproof Joint

Specifications

	Uho-B2D-M3F3D	Uho-B2D-M3F4D
Camera		
Sensor	1/2.7", 3.0 megapixel, progressive scan, CMOS	
Adjustment angle	Pan: 0°~360° Tilt: 0°~90° Rotate: 0°~360°	
WDR	DWDR	
Lens		
Lens Type	2.8mm@F1.6	4.0mm@F1.6
Video		
Video Compression	Ultra 265, H.265, H.264, MJPEG	
H.264 code profile	Baseline profile, Main profile, High profile	
Frame Rate	Main Stream: 3MP (2304*1296)), Max 25fps; 1080P (1920*1080), Max 30fps; 720P (1280*720), Max 30fps;Sub Stream: 640*360,Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), Max 30fps;	
Video stream	Dual streams	
Image		
Digital Noise Reduction	2D/3D DNR	
Smart IR	Support	
Events		
Basic Detection	Motion detection, Ultra motion detection, Audio detection, Tampering alarm	
General Function	IP address filtering, Access policy, ARP protection, RTSP authentication, User authentication, HTTP authentication	
Audio		
Audio Compression	G.711U, G.711A	
Two-way Audio	Support	
Storage		
Edge Storage	Micro SD, up to 128GB	
Network		
Wi-Fi	2.4G Wi-Fi (IEEE802.11b/g/n), built-in antenna	
Protocols	IPv4, TCP, UDP, DHCP, RTSP, DNS, DDNS, NTP, HTTP	
Interface		
Built-in Mic	Support	
Built-in Speaker	Support	
WIFI	Support	
Network	1 * RJ45 10M/100M Base-TX Ethernet	
Certifications		
Protection	IP67 (IEC 60529)	
General		
Power	DC 12V±25%	
Material	Metal + Plastic	
Working Environment	-30 C ~60 C (-22°F ~ 140°F) , Humidity: ≤95% RH (non-condensing)	
Storage Environment	-30 C ~60 C (-22°F ~ 140°F) , Humidity: ≤95% RH (non-condensing)	
Reset Button	Support	

3MP Outdoor Dual-light Pan&Tilt Camera

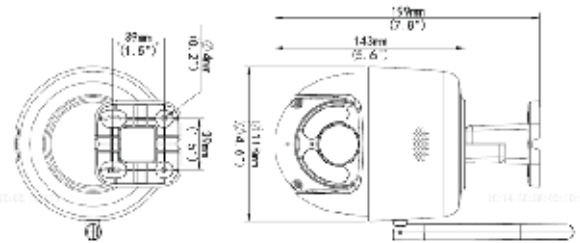
P1A 3MP



Key Features

- Support digital WDR (Wide Dynamic Range)
- Built-in Mic & Speaker, support two-way audio, offer better interaction
- Support sound and light warning, makes warning and alarming more noticeable
- Self-contained bracket, support two kinds of mounting
- Supports 256 GB Micro SD card
- Wi-Fi connection and easy installation
- IP66 ingress protection
- The front face is made of grapheme, which has better heat dissipation and more environmental protection

Dimensions



Specifications

	Uho-P1A-M3F4D
Camera	
Sensor	1/2.8" progressive scan, 3.0 megapixel, CMOS
WDR	Digital
Lens	
Lens type	4mm@F1.6
Digital Zoom	4
Video	
Video Compression	Ultra 265, H.265, H.264
Frame Rate	Main Stream: 3MP (2304*1296), Max 20fps; Sub Stream: 640*360, Max 20fps;
Video Stream	Dual streams
Image	
Digital Noise Reduction	2D/3D DNR
Smart IR	Support
Events	
Basic Detection	Cross line, intrusion(based on human body detection), Human body detection, Motion detection, Audio detection
Auto tracking	Support
General Function	IP address filtering, Access policy, ARP protection, RTSP authentication, User authentication, HTTP authentication
Audio	
Audio Compression	G.711U,G.711A
Audio Bitrate	64 Kbps
Two-way Audio	Support
Storage	
Edge Storage	Micro SD, up to 256 GB
Network	
Wi-Fi	2.4G Wi-Fi (IEEE802.11b/g/n), built-in antenna
Protocols	IPv4, TCP, UDP, DHCP, RTSP, DNS, DDNS, NTP, HTTP
Pan & Tilt	
Pan Range	0° ~ 345°
Tilt Range	0° ~ 90°
Interface	
Built-in Mic	Support
Built-in Speaker	Support
Network	1 * RJ45 10M/100M Base-TX Ethernet
Certifications	
Protection	IP66 (IEC 60529)
General	
Power	DC 12V ± 25% Power consumption: Max 10.0W
Working Environment	-30°C ~ 60°C (-22°F to 140°F), Humidity:≤95% RH(non-condensing)
Reset Button	Support

2MP Fixed Mini Bullet Network Camera

IPC-B122-APF28(40)



Key Features

Optics

- Day/night functionality
- Smart IR, up to 30m (98ft) IR distance
- Optical glass window with higher light transmittance
- IR anti-reflection window to increase the infrared transmittance
- 2D/3D DNR (Digital Noise Reduction)
- Built-in Mic

Compression

- Ultra 265, H.265, H.264
- ROI (Region of Interest)

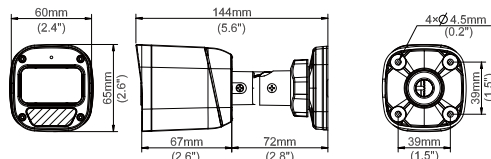
Network

- ONVIF Conformance

Structure

- Wide temperature range: -30°C ~ 60°C (-22°F ~ 140°F)
- Wide voltage range of ±25%
- IP67

Dimensions



Specifications

	IPC-B122-APF28			IPC-B122-APF40	
Camera					
Sensor	1/2.8", progressive scan, CMOS				
Lens	2.8mm@F2.1			4.0mm@F2.1	
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	2.8	43.4	17.4	8.7	4.3
	4.0	62.1	24.8	12.4	6.2
Angle of View (H)	106.7°			87.5°	
Angle of View (V)	57.1°			46.3°	
Angle of View (O)	115.7°			92.4°	
Adjustment angle	Pan: 0° ~ 360°		Tilt: 0° ~ 90°		Rotate: 0° ~ 360°
Shutter	Auto/Manual, 1 ~ 1/100000s				
Minimum Illumination	Colour: 0.02Lux (F2.1, AGC ON) 0Lux with IR on				
Digital noise reduction	2D/3D DNR				
Day/Night	IR-cut filter with auto switch (ICR)				
S/N	>52dB				
IR Range	Up to 30m (98ft) IR range				
Defog	Digital Defog				
WDR	DWDR				
Video					
Video Compression	Ultra 265, H.265, H.264				
H.264 code profile	Baseline profile, Main Profile, High profile				
Frame Rate	Main Stream: 1080P (1920*1080), Max 25fps; 720P (1280*720), Max 25fps; Sub Stream: 720P (1280*720), Max 25fps;D1 (720*576), Max 25fps; 640*360,Max 25fps; 2CIF(704*288), Max 25fps; CIF(352*288), Max 25fps;				
HLC	Supported				
BLC	Supported				
OSD	Up to 4 OSDs				
Privacy Mask	Up to 4 areas				
ROI	Up to 8 areas				
Motion Detection	Up to 4 areas				
Network					
Protocols	IPv4, IGMP, ICMP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, UPnP, HTTP, RTMP				
Compatible Integration	ONVIF (Profile S, Profile T), API				
Interface					
Network	10/100M Base-TX Ethernet				
Built-in Mic	Supported				
General					
Power	DC 12V±25%, PoE				
	Power consumption: Max 3.5W				
Dimensions (L × W × H)	144 × 60 × 65mm (5.6" × 2.4" × 2.6")				
Weight	0.17kg (0.37lb)				
Working Environment	-30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)				
Ingress Protection	IP67				

2MP Vandal-resistant Fixed Dome Network Camera

IPC-D122-PF28(40)



Key Features

Optics

- Day/night functionality
- Smart IR, up to 30m (98ft) IR distance
- 2D/3D DNR (Digital Noise Reduction)

Compression

- Ultra 265, H.265, H.264
- ROI (Region of Interest)

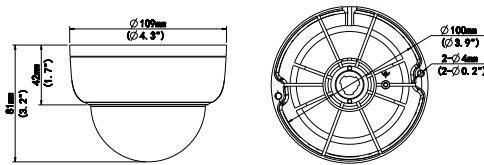
Network

- ONVIF Conformance

Structure

- Wide temperature range: -30°C ~ 60°C (-22°F ~ 140°F)
- Wide voltage range of ±25%
- IK10 vandal resistant
- IP67
- 2-Axis

Dimensions



Specifications

	IPC-D122-PF28			IPC-D122-PF40	
Camera					
Sensor	1/2.8", progressive scan, CMOS				
Lens	2.8mm@F2.1			4.0mm@F2.1	
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	2.8	43.4	17.4	8.7	4.3
	4.0	62.1	24.8	12.4	6.2
Angle of View (H)	106.7°			87.5°	
Angle of View (V)	57.1°			46.3°	
Angle of View (O)	115.7°			92.4°	
Adjustment angle	Pan: 3° ~ 360°			Tilt: 0° ~ 75°	
Shutter	Auto/Manual, 1 ~ 1/100000s				
Minimum Illumination	Colour: 0.02Lux (F2.1, AGC ON) 0Lux with IR				
Day/Night	IR-cut filter with auto switch (ICR)				
Digital noise reduction	2D/3D DNR				
S/N	>52dB				
IR Range	Up to 30m (98ft) IR range				
Defog	Digital Defog				
WDR	DWDR				
Video					
Video Compression	Ultra 265, H.265, H.264				
H.264 code profile	Baseline profile, Main Profile, High profile				
Frame Rate	Main Stream: 1080P (1920*1080), Max 25fps; 720P (1280*720), Max 25fps; Sub Stream: 720P(1280*720), Max 25fps; D1 (720*576), Max 25fps; 640*360,Max 25fps; 2CIF(704*288), Max 25fps; CIF(352*288), Max 25fps;				
HLC	Supported				
BLC	Supported				
OSD	Up to 4 OSDs				
Privacy Mask	Up to 4 areas				
ROI	Up to 8 areas				
Motion Detection	Up to 4 areas				
Network					
Protocols	IPv4, IGMP, ICMP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, UPnP, HTTP, RTMP				
Compatible Integration	ONVIF (Profile S, Profile T), API				
Interface					
Network	10/100M Base-TX Ethernet				
General					
Power	DC 12V±25%, PoE				
	Power consumption: Max 3.5W				
Dimensions (Ø x H)	Ø 109x 81mm (Ø4.3" x 3.2")				
Weight	0.33kg (0.73lb)				
Working Environment	-30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)				
Ingress Protection	IP67				
Ingress Protection	IK10				

2MP Fixed Eyeball Network Camera

IPC-T122-APF28(40)



Key Features

Optics

- Day/night functionality
- Smart IR, up to 30m (98ft) IR distance
- 2D/3D DNR (Digital Noise Reduction)
- Built-in Mic

Compression

- Ultra 265, H.265, H.264
- ROI (Region of Interest)

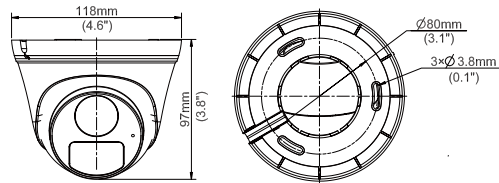
Network

- ONVIF Conformance

Structure

- Wide temperature range: -30°C ~ 60°C (-22°F ~ 140°F)
- Wide voltage range of ±25%
- IP67
- 3-Axis

Dimensions



Specifications

	IPC-T122-APF28			IPC-T122-APF40		
Camera						
Sensor	1/2.8", progressive scan, CMOS					
Lens	2.8mm@F2.1			4.0mm@F2.1		
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)	
	2.8	43.4	17.4	8.7	4.3	
	4.0	62.1	24.8	12.4	6.2	
Angle of View (H)	106.7°			87.5°		
Angle of View (V)	57.1°			46.3°		
Angle of View (O)	115.7°			92.4°		
Adjustment angle	Pan: 0° ~ 360°		Tilt: 0° ~ 80°		Rotate: 0° ~ 360°	
Shutter	Auto/Manual, 1 ~ 1/100000s					
Minimum Illumination	Colour: 0.02Lux (F2.1, AGC ON) 0Lux with IR					
Day/Night	IR-cut filter with auto switch (ICR)					
Digital noise reduction	2D/3D DNR					
S/N	>52dB					
IR Range	Up to 30m (98ft) IR range					
Defog	Digital Defog					
WDR	DWDR					
Video						
Video Compression	Ultra 265, H.265, H.264					
H.264 code profile	Baseline profile, Main Profile, High profile					
Frame Rate	Main Stream: 1080P (1920*1080), Max 25fps; 720P (1280*720), Max 25fps; Sub Stream: 720P (1280*720), Max 25fps; D1 (720*576), Max 25fps; 640*360,Max 25fps; 2CIF(704*288), Max 25fps; CIF(352*288), Max 25fps;					
HLC	Supported					
BLC	Supported					
OSD	Up to 4 OSDs					
Privacy Mask	Up to 4 areas					
ROI	Up to 8 areas					
Motion Detection	Up to 4 areas					
Network						
Protocols	IPv4, IGMP, ICMP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, UPnP, HTTP, RTMP					
Compatible Integration	ONVIF (Profile S, Profile T), API					
Interface						
Network	10/100M Base-TX Ethernet					
Built-in Mic	Supported					
General						
Power	DC 12V±25%, PoE					
	Power consumption: Max 3.5W					
Dimensions (Ø x H)	Ø 118 x 97mm (Ø4.6" x 3.8")					
Weight	0.25kg (0.55lb)					
Working Environment	-30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)					
Ingress Protection	IP67					

2MP Fixed Mini Bullet Network Camera

IPC-B122-APF28(40)K



Key Features

Optics

- Day/night functionality
- Smart IR, up to 30m (98ft) IR distance
- 2D/3D DNR (Digital Noise Reduction)
- Built-in Mic
- Support up to 128 GB Micro SD

Compression

- Ultra 265, H.265, H.264
- ROI (Region of Interest)

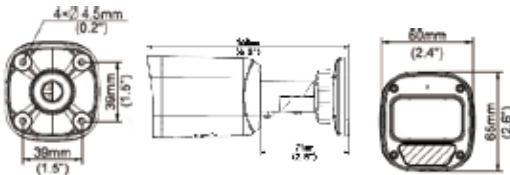
Network

- ONVIF Conformance

Structure

- Wide temperature range: -30°C ~ 60°C (-22°F ~ 140°F)
- Wide voltage range of ±25%
- IP67
- 3-Axis

Dimensions



Specifications

	IPC-B122-APF28K			IPC-B122-APF28K	
Camera					
Sensor	1/2.9", 2.0 megapixel, progressive scan, CMOS				
Lens	2.8mm@F2.1			4.0mm@F2.1	
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	2.8	45.0(147.6ft)	18.0(59.1ft)	9.0(29.5ft)	4.5(14.8ft)
	4.0	64.3(210.9ft)	25.7(84.4ft)	12.9(42.2ft)	6.4(21.1ft)
Angle of View (H)	101.1°			83.7°	
Angle of View (V)	55.0°			44.6°	
Angle of View (O)	111.0°			89.1°	
Adjustment angle	Pan: 0° ~ 360°		Tilt: 0° ~ 90°		Rotate: 0° ~ 360°
Shutter	Auto/Manual, 1 ~ 1/100000s				
Minimum Illumination	Colour: 0.02Lux (F2.1, AGC ON) 0Lux with IR on				
Digital noise reduction	2D/3D DNR				
Day/Night	IR-cut filter with auto switch (ICR)				
S/N	>52dB				
IR Range	Up to 30m (98ft) IR range				
Defog	Digital Defog				
WDR	DWDR				
Video					
Video Compression	Ultra 265, H.265, H.264				
H.264 code profile	Baseline profile, Main profile, High profile				
Frame Rate	Main Stream: 1080P (1920*1080), Max 25fps; 720P (1280*720), Max 25fps; Sub Stream: D1 (720*576), Max 25fps; 640*360,Max 25fps; 2CIF(704*288), Max 25fps; CIF(352*288), Max 25fps;				
HLC	Supported				
BLC	Supported				
OSD	Up to 4 OSDs				
Privacy Mask	Up to 4 areas				
ROI	Up to 8 areas				
Motion Detection	Up to 4 areas				
Network					
Protocols	IPv4, IGMP, ICMP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, UPnP, HTTP, HTTPS, QoS , RTMP				
Compatible Integration	ONVIF (Profile S, Profile T, Profile G), API				
Interface					
Network	1 * RJ45 10M/100M Base-TX Ethernet				
Built-in Mic	Supported				
General					
Power	DC 12V±25%, PoE (IEEE 802.3af)				
	Power consumption: Max 3.5W				
Dimensions (L × W × H)	144 × 60 × 65mm (5.6" × 2.4" × 2.6")				
Weight	0.17kg (0.37lb)				
Working Environment	30 C ~60 C (-22°F ~ 140°F) , Humidity: ≤95% RH (non-condensing)				
Ingress Protection	IP67				

2MP HD IR Fixed Dome Network Camera

IPC-D122-PF28K



Key Features

Optics

- Day/night functionality
- Smart IR, up to 30m (98ft) IR distance
- 2D/3D DNR (Digital Noise Reduction)
- Support up to 128 GB Micro SD

Compression

- Ultra 265, H.265, H.264
- ROI (Region of Interest)

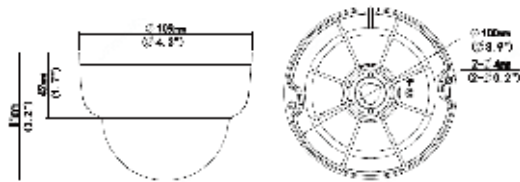
Network

- ONVIF Conformance

Structure

- Wide temperature range: -30°C ~ 60°C (-22°F ~ 140°F)
- Wide voltage range of ±25%
- IP67/IK10
- 3-Axis

Dimensions



Specifications

	IPC-D122-PF28K				
Camera					
Sensor	1/2.9", 2.0 megapixel, progressive scan, CMOS				
Lens	2.8mm@F2.1				
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	2.8	45.0(147.6ft)	18.0(59.1ft)	9.0(29.5ft)	4.5(14.8ft)
Angle of View (H)	101.1°				
Angle of View (V)	55.0°				
Angle of View (O)	111.0°				
Adjustment angle	Pan: 3° ~ 360°			Tilt: 0° ~ 75°	
Shutter	Auto/Manual, 1 ~ 1/100000s				
Minimum Illumination	Colour: 0.02Lux (F2.1, AGC ON) 0Lux with IR on				
Day/Night	IR-cut filter with auto switch (ICR)				
Digital noise reduction	2D/3D DNR				
S/N	>52dB				
IR Range	Up to 30m (98ft) IR range				
Defog	Digital Defog				
WDR	DWDR				
Video					
Video Compression	Ultra 265, H.265, H.264				
H.264 code profile	Baseline profile, Main profile, High profile				
Frame Rate	Main Stream: 1080P (1920*1080), Max 25fps; 720P (1280*720), Max 25fps; Sub Stream: D1 (720*576), Max 25fps; 640*360,Max 25fps; 2CIF(704*288), Max 25fps; CIF(352*288), Max 25fps;				
HLC	Supported				
BLC	Supported				
OSD	Up to 4 OSDs				
Privacy Mask	Up to 4 areas				
ROI	Up to 8 areas				
Motion Detection	Up to 4 areas				
Network					
Protocols	IPv4, IGMP, ICMP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, UPnP, HTTP, HTTPS, QoS , RTMP				
Compatible Integration	ONVIF (Profile S, Profile T, Profile G), API				
Interface					
Network	1 * RJ45 10M/100M Base-TX Ethernet				
General					
Power	DC 12V±25%, PoE (IEEE 802.3af)				
	Power consumption: Max 3.5W				
Dimensions (Ø x H)	Ø 109x 81mm (Ø4.3" x 3.2")				
Weight	0.33kg (0.73lb)				
Working Environment	-30 C ~60 C (-22°F ~ 140°F) , Humidity: ≤95% RH (non-condensing)				
Ingress Protection	IP67				
Ingress Protection	IK10				

2MP Fixed Eyeball Network Camera

IPC-T122-APF28K



Key Features

Optics

- Day/night functionality
- Smart IR, up to 30m (98ft) IR distance
- 2D/3D DNR (Digital Noise Reduction)
- Built-in Mic
- Support up to 128 GB Micro SD

Compression

- Ultra 265, H.265, H.264
- ROI (Region of Interest)

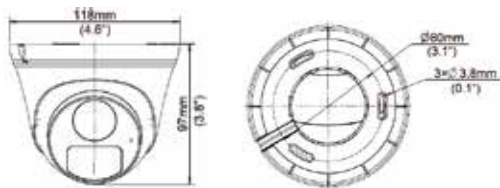
Network

- ONVIF Conformance

Structure

- Wide temperature range: -30°C ~ 60°C (-22°F ~ 140°F)
- Wide voltage range of ±25%
- IP67
- 3-Axis

Dimensions



Specifications

	IPC-T122-APF28K				
Camera					
Sensor	1/2.9", 2.0 megapixel, progressive scan, CMOS				
Lens	2.8mm@F2.1				
	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
DORI Distance	2.8	4.5(14.8ft)	18.0(59.1ft)	9.0(29.5ft)	4.5(14.8ft)
Angle of View (H)	101.1°				
Angle of View (V)	55.0°				
Angle of View (O)	111.0°				
Adjustment angle	Pan: 0° ~ 360°		Tilt: 0° ~ 80°		Rotate: 0° ~ 360°
Shutter	Auto/Manual, 1 ~ 1/100000s				
Minimum Illumination	Colour: 0.02Lux (F2.1, AGC ON) 0Lux with IR on				
Day/Night	IR-cut filter with auto switch (ICR)				
Digital noise reduction	2D/3D DNR				
S/N	>52dB				
IR Range	Up to 30m (98ft) IR range				
Defog	Digital Defog				
WDR	DWDR				
Video					
Video Compression	Ultra 265, H.265, H.264				
H.264 code profile	Baseline profile, Main profile, High profile				
Frame Rate	Main Stream: 1080P (1920*1080), Max 25fps; 720P (1280*720), Max 25fps; Sub Stream: D1 (720*576), Max 25fps; 640*360,Max 25fps; 2CIF(704*288), Max 25fps; CIF(352*288), Max 25fps;				
HLC	Supported				
BLC	Supported				
OSD	Up to 4 OSDs				
Privacy Mask	Up to 4 areas				
ROI	Up to 8 areas				
Motion Detection	Up to 4 areas				
Network					
Protocols	IPv4, IGMP, ICMP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, UPnP, HTTP, HTTPS, QoS ,RTMP				
Compatible Integration	ONVIF (Profile S, Profile T), API				
Interface					
Network	1 * RJ45 10M/100M Base-TX Ethernet				
Built-in Mic	Supported				
General					
Power	DC 12V±25%, PoE (IEEE 802.3af)				
	Power consumption: Max 3.5W				
Dimensions (Ø x H)	Ø 118 x 97mm (Ø4.6" x 3.8")				
Weight	0.25kg (0.55lb)				
Working Environment	-30 C ~60 C (-22°F ~ 140°F) , Humidity: ≤95% RH (non-condensing)				
Ingress Protection	IP67				

4MP Fixed Mini Bullet Network Camera

IPC-B124-APF28(40)



Key Features

Optics

- Day/night functionality
- Smart IR, up to 30m (98ft) IR distance
- Optical glass window with higher light transmittance
- IR anti-reflection window to increase the infrared transmittance
- 2D/3D DNR (Digital Noise Reduction)
- Built-in Mic

Compression

- Ultra 265, H.265, H.264, MJPEG
- ROI (Region of Interest)

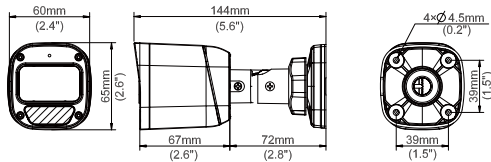
Network

- ONVIF Conformance

Structure

- Wide temperature range: -30°C ~ 60°C (-22°F ~ 140°F)
- Wide voltage range of ±25%
- IP67

Dimensions



Specifications

	IPC-B124-APF28			IPC-B124-APF40		
Camera						
Sensor	1/3", progressive scan, CMOS					
Lens	2.8mm@F2.1			4.0mm@F2.1		
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)	
	2.8	63.0	25.2	12.6	6.3	
	4.0	90.0	36.0	18.0	9.0	
Angle of View (H)	97.0°			79.0°		
Angle of View (V)	52.2°			42.3°		
Angle of View (O)	107.5°			85.1°		
Adjustment angle	Pan: 0° ~ 360°		Tilt: 0° ~ 90°		Rotate: 0° ~ 360°	
Shutter	Auto/Manual, 1 ~ 1/100000s					
Minimum Illumination	Colour: 0.02Lux (F2.1, AGC ON) 0Lux with IR on					
Digital noise reduction	2D/3D DNR					
Day/Night	IR-cut filter with auto switch (ICR)					
S/N	>52dB					
IR Range	Up to 30m (98ft) IR range					
Defog	Digital Defog					
WDR	DWDR					
Video						
Video Compression	Ultra 265, H.265, H.264					
H.264 code profile	Baseline profile, Main Profile, High profile					
Frame Rate	Main Stream: 4MP (2560*1440), Max 20fps; 3MP (2304*1296), Max 20fps; 1080P (1920*1080), Max 30fps; Sub Stream: 720P (1280*720), Max 30fps; D1 (720*576), Max 30fps; 640*360,Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), Max 30fps;					
HLC	Supported					
BLC	Supported					
OSD	Up to 4 OSDs					
Privacy Mask	Up to 4 areas					
ROI	Up to 8 areas					
Motion Detection	Up to 4 areas					
Network						
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, SSL, QoS, RTMP					
Compatible Integration	ONVIF (Profile S, Profile T), API					
Interface						
Network	10/100M Base-TX Ethernet					
Built-in Mic	Supported					
General						
Power	DC 12V±25%, PoE					
	Power consumption: Max 3.5W					
Dimensions (L × W × H)	144 × 60 × 65mm (5.6" × 2.4" × 2.6")					
Weight	0.17kg (0.37lb)					
Working Environment	-30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)					
Ingress Protection	IP67					

4MP Vandal-resistant Fixed Dome Network Camera

IPC-D124-PF28(40)



Key Features

Optics

- Day/night functionality
- Smart IR, up to 30m (98ft) IR distance
- 2D/3D DNR (Digital Noise Reduction)

Compression

- Ultra 265, H.265, H.264, MJPEG
- ROI (Region of Interest)

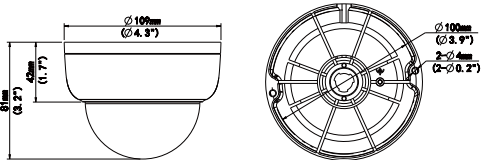
Network

- ONVIF Conformance

Structure

- Wide temperature range: -30°C ~ 60°C (-22°F ~ 140°F)
- Wide voltage range of ±25%
- IK10 vandal resistant
- IP67
- 2-Axis

Dimensions



Specifications

	IPC-D124-PF28			IPC-D124-PF40		
Camera						
Sensor	1/3", progressive scan, CMOS					
Lens	2.8mm@F2.1			4.0mm@F2.1		
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)	
	2.8	63.0	25.2	12.6	6.3	
	4.0	90.0	36.0	18.0	9.0	
Angle of View (H)	97.0°			79.0°		
Angle of View (V)	52.2°			42.3°		
Angle of View (O)	107.5°			85.1°		
Adjustment angle	Pan: 3° ~ 360°			Tilt: 0° ~ 75°		
Shutter	Auto/Manual, 1 ~ 1/100000s					
Minimum Illumination	Colour: 0.02Lux (F2.1, AGC ON) 0Lux with IR on					
Digital noise reduction	2D/3D DNR					
Day/Night	IR-cut filter with auto switch (ICR)					
S/N	>52dB					
IR Range	Up to 30m (98ft) IR range					
Defog	Digital Defog					
WDR	DWDR					
Video						
Video Compression	Ultra 265, H.265, H.264					
H.264 code profile	Baseline profile, Main Profile, High profile					
Frame Rate	Main Stream: 4MP (2560*1440), Max 20fps; 3MP (2304*1296), Max 20fps; 1080P (1920*1080), Max 20fps; Sub Stream: 720P (1280*720), Max 20fps; D1 (720*576), Max 20fps; 640*360,Max 20fps; 2CIF(704*288), Max 20fps; CIF(352*288), Max 20fps;					
HLC	Supported					
BLC	Supported					
OSD	Up to 4 OSDs					
Privacy Mask	Up to 4 areas					
ROI	Up to 8 areas					
Motion Detection	Up to 4 areas					
Network						
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, SSL, QoS, RTMP					
Compatible Integration	ONVIF (Profile S, Profile T), API					
Interface						
Network	10/100M Base-TX Ethernet					
General						
Power	DC 12V±25%, PoE					
	Power consumption: Max 3.5W					
Dimensions (Ø x H)	Ø 109 x 81mm (Ø4.3" x 3.2")					
Weight	0.33kg (0.73lb)					
Working Environment	-30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)					
Ingress Protection	IP67					
Vandal Resistant	IK10					

4MP Fixed Eyeball Network Camera

IPC-T124-APF28(40)



Key Features

Optics

- Day/night functionality
- Smart IR, up to 30m (98ft) IR distance
- 2D/3D DNR (Digital Noise Reduction)
- Built-in Mic

Compression

- Ultra 265, H.265, H.264, MJPEG
- ROI (Region of Interest)

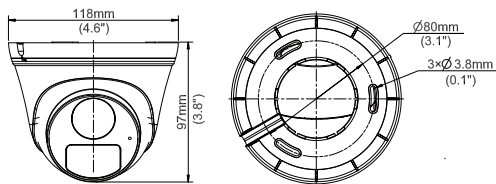
Network

- ONVIF Conformance

Structure

- Wide temperature range: -30°C ~ 60°C (-22°F ~ 140°F)
- Wide voltage range of ±25%
- IP67
- 3-Axis

Dimensions



Specifications

	IPC-T124-APF28			IPC-T124-APF40	
Camera					
Sensor	1/3", progressive scan, CMOS				
Lens	2.8mm@F2.1			4.0mm@F2.1	
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	2.8	63.0	25.2	12.6	6.3
	4.0	90.0	36.0	18.0	9.0
Angle of View (H)	97.0°			79.0°	
Angle of View (V)	52.2°			42.3°	
Angle of View (O)	107.5°			85.1°	
Adjustment angle	Pan: 0° ~ 360°		Tilt: 0° ~ 80°		Rotate: 0° ~ 360°
Shutter	Auto/Manual, 1 ~ 1/100000s				
Minimum Illumination	Colour: 0.02Lux (F2.1, AGC ON) 0Lux with IR on				
Digital noise reduction	2D/3D DNR				
Day/Night	IR-cut filter with auto switch (ICR)				
S/N	>56dB				
IR Range	Up to 30m (98ft) IR range				
Defog	Digital Defog				
WDR	DWDR				
Video					
Video Compression	Ultra 265, H.265, H.264				
H.264 code profile	Baseline profile, Main Profile, High profile				
Frame Rate	Main Stream: 4MP (2560*1440), Max 20fps; 3MP (2304*1296), Max 20fps; 1080P (1920*1080), Max 30fps; Sub Stream: 720P (1280*720), Max 30fps; D1 (720*576), Max 30fps; 640*360,Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), Max 30fps;				
HLC	Supported				
BLC	Supported				
OSD	Up to 4 OSDs				
Privacy Mask	Up to 4 areas				
ROI	Up to 8 areas				
Motion Detection	Up to 4 areas				
Network					
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, SSL, QoS, RTMP				
Compatible Integration	ONVIF (Profile S, Profile T), API				
Interface					
Network	10/100M Base-TX Ethernet				
Built-in Mic	Supported				
General					
Power	DC 12V±25%, PoE				
Dimensions (Ø x H)	Ø 118 x 97mm (Ø4.6" x 3.8")				
Weight	0.27kg (0.60lb)				
Working Environment	-30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)				
Ingress Protection	IP67				

4MP Fixed Mini Bullet Network Camera

IPC-B124-APF28(40)K



Key Features

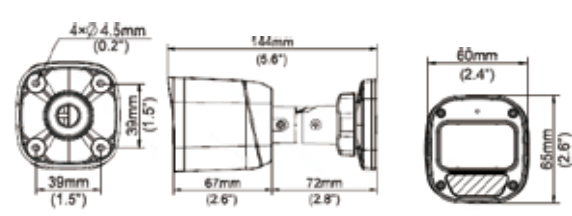
- Optics
- Day/night functionality
 - Smart IR, up to 30m (98ft) IR distance
 - 2D/3D DNR (Digital Noise Reduction)
 - Built-in Mic
 - Support up to 128 GB Micro SD

- Compression
- Ultra 265, H.265, H.264
 - ROI (Region of Interest)

- Network
- ONVIF Conformance

- Structure
- Wide temperature range: -30°C ~ 60°C (-22°F ~ 140°F)
 - Wide voltage range of ±25%
 - IP67
 - 3-Axis

Dimensions



Specifications

	IPC-B124-APF28K			IPC-B124-APF40K	
Camera					
Sensor	1/3", 4.0 megapixel, progressive scan, CMOS				
Lens	2.8mm@F2.1			4.0mm@F2.1	
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	2.8	63.0	25.2	12.6	6.3
	4.0	90.0	36.0	18.0	9.0
Angle of View (H)	97.0°			79.0°	
Angle of View (V)	52.2°			42.3°	
Angle of View (O)	107.5°			85.1°	
Adjustment angle	Pan: 0° ~ 360°		Tilt: 0° ~ 90°		Rotate: 0° ~ 360°
Shutter	Auto/Manual, 1 ~ 1/100000s				
Minimum Illumination	Colour: 0.02Lux (F2.1, AGC ON) 0Lux with IR on				
Digital noise reduction	2D/3D DNR				
Day/Night	IR-cut filter with auto switch (ICR)				
S/N	>52dB				
IR Range	Up to 30m (98ft) IR range				
Defog	Digital Defog				
WDR	DWDR				
Video					
Video Compression	Ultra 265, H.265, H.264				
H.264 code profile	Baseline profile, Main profile, High profile				
Frame Rate	Main Stream: 4MP (2560*1440), Max 30fps; 3MP (2304*1296), Max 30fps; 1080P (1920*1080), Max 30fps; Sub Stream: 720P (1280*720), Max 30fps; D1 (720*576), Max 30fps; 640*360,Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), Max 30fps;				
HLC	Supported				
BLC	Supported				
OSD	Up to 4 OSDs				
Privacy Mask	Up to 4 areas				
ROI	Up to 8 areas				
Motion Detection	Up to 4 areas				
Network					
Protocols	IPv4, IGMP, ICMP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, UPnP, HTTP, HTTPS, SSL, QoS, RTMP				
Compatible Integration	ONVIF (Profile S, Profile T, Profile G), API				
Interface					
Network	ONVIF (Profile S, Profile T, Profile G), API				
Built-in Mic	Supported				
General					
Power	DC 12V±25%, PoE (IEEE 802.3af)				
	Power consumption: Max 3.5W				
Dimensions (L × W × H)	144 × 60 × 65mm (5.6" × 2.4" × 2.6")				
Weight	0.17kg (0.37lb)				
Working Environment	30 C ~60 C (-22°F ~ 140°F) , Humidity: ≤95% RH (non-condensing)				
Ingress Protection	IP67				

4MP Vandal-resistant Fixed Dome Network Camera

IPC-D124-PF28K



Key Features

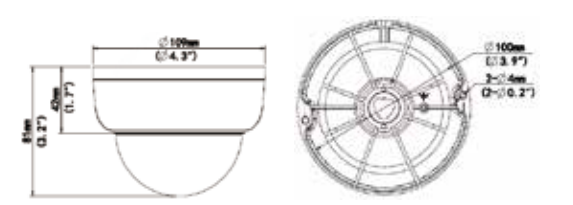
- Optics
- Day/night functionality
 - Smart IR, up to 30m (98ft) IR distance
 - 2D/3D DNR (Digital Noise Reduction)
 - Support up to 128 GB Micro SD

- Compression
- Ultra 265, H.265, H.264
 - ROI (Region of Interest)

- Network
- ONVIF Conformance

- Structure
- Wide temperature range: -30°C ~ 60°C (-22°F ~ 140°F)
 - Wide voltage range of ±25%
 - IP67/IK10
 - 3-Axis

Dimensions



Specifications

	IPC-D124-PF28K				
Camera					
Sensor	1/3", 4.0 megapixel, progressive scan, CMOS				
Lens	2.8mm@F2.1				
	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
DORI Distance	2.8	63.0	25.2	12.6	6.3
Angle of View (H)	97.0°				
Angle of View (V)	52.2°				
Angle of View (O)	107.5°				
Adjustment angle	Pan: 3° ~ 360°			Tilt: 0° ~ 75°	
Shutter	Auto/Manual, 1 ~ 1/100000s				
Minimum Illumination	Colour: 0.02Lux (F2.1, AGC ON) 0Lux with IR on				
Day/Night	IR-cut filter with auto switch (ICR)				
Digital noise reduction	2D/3D DNR				
S/N	>52dB				
IR Range	Up to 30m (98ft) IR range				
Defog	Digital Defog				
WDR	DWDR				
Video					
Video Compression	Ultra 265, H.265, H.264				
H.264 code profile	Baseline profile, Main profile, High profile				
Frame Rate	Main Stream: 4MP (2560*1440), Max 30fps; 3MP (2304*1296), Max 30fps; 1080P (1920*1080), Max 30fps; Sub Stream: 720P (1280*720), Max 30fps; D1 (720*576), Max 30fps; 640*360,Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), Max 30fps;				
HLC	Supported				
BLC	Supported				
OSD	Up to 4 OSDs				
Privacy Mask	Up to 4 areas				
ROI	Up to 8 areas				
Motion Detection	Up to 4 areas				
Network					
Protocols	IPv4, IGMP, ICMP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, UPnP, HTTP, HTTPS, SSL, QoS , RTMP				
Compatible Integration	ONVIF (Profile S, Profile T, Profile G), API				
Interface					
Network	1 * RJ45 10M/100M Base-TX Ethernet				
General					
Power	DC 12V±25%, PoE (IEEE 802.3af) Power consumption: Max 3.5W				
Dimensions (Ø x H)	Ø 109x 81mm (Ø4.3" x 3.2")				
Weight	0.33kg (0.73lb)				
Working Environment	-30 C ~60 C (-22°F ~ 140°F) , Humidity: ≤95% RH (non-condensing)				
Ingress Protection	IP67				
Ingress Protection	IK10				

4MP Fixed Eyeball Network Camera

IPC-T124-APF28K



Key Features

Optics

- Day/night functionality
- Smart IR, up to 30m (98ft) IR distance
- 2D/3D DNR (Digital Noise Reduction)
- Built-in Mic
- Support up to 128 GB Micro SD

Compression

- Ultra 265, H.265, H.264
- ROI (Region of Interest)

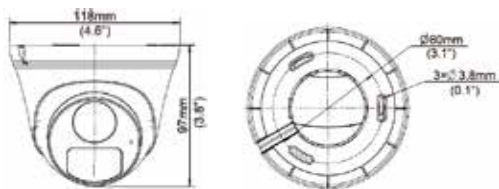
Network

- ONVIF Conformance

Structure

- Wide temperature range: -30°C ~ 60°C (-22°F ~ 140°F)
- Wide voltage range of ±25%
- IP67
- 3-Axis

Dimensions



Specifications

	IPC-T124-APF28K				
Camera					
Sensor	1/3", 4.0 megapixel, progressive scan, CMOS				
Lens	2.8mm@F2.1				
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	2.8	63.0	25.2	12.6	6.3
Angle of View (H)	97.0°				
Angle of View (V)	52.2°				
Angle of View (O)	107.5 °				
Adjustment angle	Pan: 0° ~ 360°		Tilt: 0° ~ 80°		Rotate: 0° ~ 360°
Shutter	Auto/Manual, 1 ~ 1/100000s				
Minimum Illumination	Colour: 0.02Lux (F2.1, AGC ON) 0Lux with IR on				
Day/Night	IR-cut filter with auto switch (ICR)				
Digital noise reduction	2D/3D DNR				
S/N	>52dB				
IR Range	Up to 30m (98ft) IR range				
Defog	Digital Defog				
WDR	DWDR				
Video					
Video Compression	Ultra 265, H.265, H.264				
H.264 code profile	Baseline profile, Main profile, High profile				
Frame Rate	Main Stream: 4MP (2560*1440), Max 30fps; 3MP (2304*1296), Max 30fps; 1080P (1920*1080), Max 30fps; Sub Stream: 720P (1280*720), Max 30fps; D1 (720*576), Max 30fps; 640*360,Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), Max 30fps;				
HLC	Supported				
BLC	Supported				
OSD	Up to 4 OSDs				
Privacy Mask	Up to 4 areas				
ROI	Up to 8 areas				
Motion Detection	Up to 4 areas				
Network					
Protocols	IPv4, IGMP, ICMP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS NTP, UPnP, HTTP, HTTPS, SSL, QoS , RTMP				
Compatible Integration	ONVIF (Profile S, Profile T, Profile G), API				
Interface					
Network	1 * RJ45 10M/100M Base-TX Ethernet				
Built-in Mic	Supported				
General					
Power	DC 12V±25%, PoE (IEEE 802.3af)				
	Power consumption: Max 3.5W				
Dimensions (Ø x H)	Ø 118 x 97mm (Ø4.6" x 3.8")				
Weight	0.27kg (0.60lb)				
Working Environment	-30 C ~60 C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)				
Ingress Protection	IP67				

5MP Fixed Mini Bullet Network Camera

IPC-B125-APF28(40)



Key Features

Optics

- Day/night functionality
- Smart IR, up to 30m (98ft) IR distance
- Optical glass window with higher light transmittance
- IR anti-reflection window to increase the infrared transmittance
- 2D/3D DNR (Digital Noise Reduction)
- Built-in Mic

Compression

- Ultra 265, H.265, H.264, MJPEG
- ROI (Region of Interest)

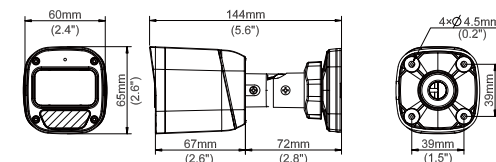
Network

- ONVIF Conformance

Structure

- Wide temperature range: -30°C ~ 60°C (-22°F ~ 140°F)
- Wide voltage range of ±25%
- IP67

Dimensions



Specifications

	IPC-B125-APF28			IPC-B125-APF40	
Camera					
Sensor	1/3", progressive scan, CMOS				
Lens	2.8mm@F2.1			4.0mm@F2.1	
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	2.8	63.0	25.2	12.6	6.3
	4.0	90.0	36.0	18.0	9.0
Adjustment angle	Pan: 0° ~ 360°		Tilt: 0° ~ 90°		Rotate: 0° ~ 360°
Shutter	Auto/Manual, 1 ~ 1/100000s				
Minimum Illumination	Colour: 0.02Lux (F2.1, AGC ON) 0Lux with IR on				
Digital noise reduction	2D/3D DNR				
Day/Night	IR-cut filter with auto switch (ICR)				
S/N	>52dB				
IR Range	Up to 30m (98ft) IR range				
Defog	Digital Defog				
WDR	DWDR				
Video					
Video Compression	Ultra 265, H.265, H.264				
H.264 code profile	Baseline profile, Main Profile, High profile				
Frame Rate	Main Stream: 5MP (2592*1944), Max 20fps; 4MP (2560*1440), Max 20fps; 3MP (2304*1296), Max 20fps; 1080P (1920*1080), Max 30fps; Sub Stream: 720P (1280*720), Max 30fps; D1 (720*576), Max 30fps; 640*360, Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), Max 30fps;				
HLC	Supported				
BLC	Supported				
OSD	Up to 4 OSDs				
Privacy Mask	Up to 4 areas				
ROI	Up to 8 areas				
Motion Detection	Up to 4 areas				
Network					
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, SSL, QoS, RTMP				
Compatible Integration	ONVIF (Profile S, Profile T), API				
Interface					
Network	10/100M Base-TX Ethernet				
Built-in Mic	Supported				
General					
Power	DC 12V±25%, PoE				
Dimensions	144 × 60 × 65mm (5.6" × 2.4" × 2.6")				
Weight	0.19kg (0.42lb)				
Working Environment	-30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)				
Ingress Protection	IP67				

5MP Vandal-resistant Fixed Dome Network Camera

IPC-D125-PF28(40)



Key Features

Optics

- Day/night functionality
- Smart IR, up to 30m (98ft) IR distance
- 2D/3D DNR (Digital Noise Reduction)

Compression

- Ultra 265, H.265, H.264, MJPEG
- ROI (Region of Interest)

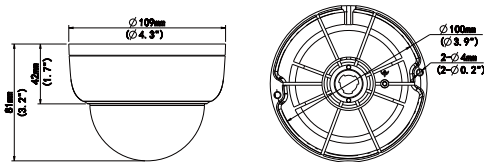
Network

- ONVIF Conformance

Structure

- Wide temperature range: -30°C ~ 60°C (-22°F ~ 140°F)
- Wide voltage range of ±25%
- IK10 vandal resistant
- IP67
- 2-Axis

Dimensions



Specifications

	IPC-D125-PF28			IPC-D125-PF40	
Camera					
Sensor	1/3", progressive scan, CMOS				
Lens	2.8mm@F2.1			4.0mm@F2.1	
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	2.8	63.0	25.2	12.6	6.3
	4.0	90.0	36.0	18.0	9.0
Adjustment angle	Pan: 3° ~ 360°			Tilt: 0° ~ 75°	
Shutter	Auto/Manual, 1 ~ 1/100000s				
Minimum Illumination	Colour: 0.02Lux (F2.1, AGC ON) 0Lux with IR on				
Digital noise reduction	2D/3D DNR				
Day/Night	IR-cut filter with auto switch (ICR)				
S/N	>52dB				
IR Range	Up to 30m (98ft) IR range				
Defog	Digital Defog				
WDR	DWDR				
Video					
Video Compression	Ultra 265, H.265, H.264				
H.264 code profile	Baseline profile, Main Profile, High profile				
Frame Rate	Main Stream: 5MP (2880*1620), Max 20fps; 4MP (2560*1440), Max 20fps; 3MP (2304*1296), Max 20fps; 1080P (1920*1080), Max 30fps; Sub Stream: 720P (1280*720), Max 30fps; D1 (720*576), Max 30fps; 640*360,Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), Max 30fps;				
HLC	Supported				
BLC	Supported				
OSD	Up to 4 OSDs				
Privacy Mask	Up to 4 areas				
ROI	Up to 8 areas				
Motion Detection	Up to 4 areas				
Network					
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, SSL, QoS, RTMP				
Compatible Integration	ONVIF (Profile S, Profile T), API				
Interface					
Network	10/100M Base-TX Ethernet				
General					
Power	DC 12V±25%, PoE				
Dimensions (Ø x H)	Ø 109 x 81mm (Ø4.3" x 3.2")				
Weight	0.33kg (0.73lb)				
Working Environment	-30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)				
Ingress Protection	IP67				
Vandal Resistant	IK10				

5MP Fixed Eyeball Network Camera

IPC-T125-APF28(40)



Key Features

Optics

- Day/night functionality
- Smart IR, up to 30m (98ft) IR distance
- 2D/3D DNR (Digital Noise Reduction)
- Built-in Mic

Compression

- Ultra 265, H.265, H.264, MJPEG
- ROI (Region of Interest)

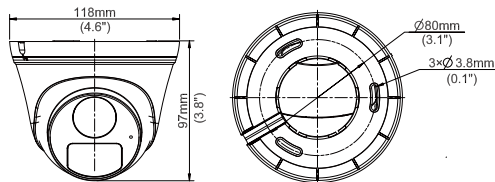
Network

- ONVIF Conformance

Structure

- Wide temperature range: -30°C ~ 60°C (-22°F ~ 140°F)
- Wide voltage range of ±25%
- IP67
- 3-Axis

Dimensions



Specifications

	IPC-T125-APF28			IPC-T125-APF40	
Camera					
Sensor	1/3", progressive scan, CMOS				
Lens	2.8mm@F2.1			4.0mm@F2.1	
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	2.8	63.0	25.2	12.6	6.3
	4.0	90.0	36.0	18.0	9.0
Adjustment angle	Pan: 0° ~ 360°		Tilt: 0° ~ 80°		Rotate: 0° ~ 360°
Shutter	Auto/Manual, 1 ~ 1/100000s				
Minimum Illumination	Colour: 0.02Lux (F2.1, AGC ON) 0Lux with IR on				
Digital noise reduction	2D/3D DNR				
Day/Night	IR-cut filter with auto switch (ICR)				
S/N	>56dB				
IR Range	Up to 30m (98ft) IR range				
Defog	Digital Defog				
WDR	DWDR				
Video					
Video Compression	Ultra 265, H.265, H.264				
H.264 code profile	Baseline profile, Main Profile, High profile				
Frame Rate	Main Stream: 5MP (2880*1620), Max 20fps; 4MP (2560*1440), Max 20fps; 3MP (2304*1296), Max 20fps; 1080P (1920*1080), Max 30fps; Sub Stream: 720P (1280*720), Max 30fps; D1 (720*576), Max 30fps; 640*360,Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), Max 30fps;				
HLC	Supported				
BLC	Supported				
OSD	Up to 4 OSDs				
Privacy Mask	Up to 4 areas				
ROI	Up to 8 areas				
Motion Detection	Up to 4 areas				
Network					
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, SSL, QoS, RTMP				
Compatible Integration	ONVIF (Profile S, Profile T), API				
Interface					
Network	10/100M Base-TX Ethernet				
Built-in Mic	Supported				
General					
Power	DC 12V±25%, PoE				
Dimensions (Ø x H)	Ø 118 x 97mm (Ø4.6" x 3.8")				
Weight	0.27kg (0.60lb)				
Working Environment	-30℃ ~ 60℃ (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)				
Ingress Protection	IP67				

8MP Mini Fixed Bullet Network Camera

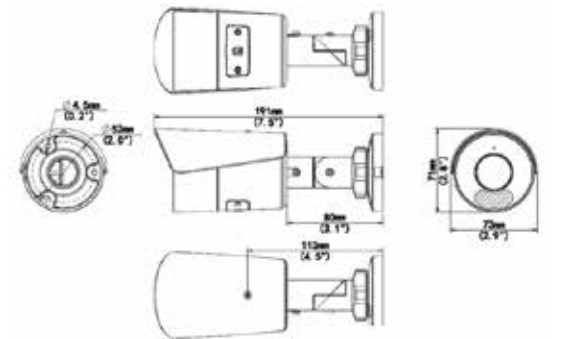
IPC-B128-APF28(40)KM



Key Features

- High quality image with 8MP, 1/2.7"CMOS sensor
- 8MP (3840*2160)@15fps ; 5MP (2880*1620)@25/20fps ;4MP (2560*1440)@25/20fps; 3MP (2304*1296)@30/25fps; 2MP (1920*1080)@30/25fps;
- Ultra 265, H.265, H.264, MJPEG
- 120dB true WDR technology enables clear image in strong light scene
- Support 9:16 Corridor Mode
- Built-in Mic
- Smart IR, up to 30m (98ft) IR distance
- Support 128G Micro SD card
- IP67 protection
- Support PoE power supply
- 3-Axis

Dimensions



Specifications

	IPC-B128-APF28KM		IPC-B128-APF40KM		
Camera					
Sensor	1/2.7", 8.0 megapixel, progressive scan, CMOS				
Minimum Illumination	Colour: 0.01 lux (F1.6, AGC ON) 0 lux with IR on				
WDR	120dB				
Lens					
Lens Type	2.8mm @F1.6		4.0mm @F1.6		
Angle of View (H)	112.9°		91.2°		
Angle of View (V)	59.1°		47.9°		
Angle of View (O)	121.2°		95.9°		
DORI					
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	2.8	63.0	25.2	12.6	6.3
	4.0	90.0	36.0	18.0	9.0
Illuminator					
IR Range	Up to 30m (98ft) IR range				
Video					
Video Compression	Ultra 265, H.265, H.264, MJPEG				
H.264 code profile	Baseline profile, Main profile, High profile				
Frame Rate	Main Stream: 8MP (3840*2160)@15fps; 5MP (2880*1620)@25/20fps; 4MP (2560*1440)@25/20fps; 3MP (2304*1296)@30/25fps; 2MP (1920*1080)@30/25fps Sub Stream: 720P (1280*720), Max 30fps; D1 (720*576), Max 30fps; 640*360,Max 30fps				
Image					
White Balance	Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2				
Digital Noise Reduction	2D/3D DNR				
Smart IR	Support				
HLC	Support				
BLC	Support				
Defog	Digital Defog				
Events					
Basic Detection	Cross line, intrusion(based on human body detection),Motion detection, Tampering alarm, Audio Detection				
General Function	Watermark, IP address filtering, Access policy, ARP protection, RTSP authentication, User authentication, HTTP authentication				
Network					
Protocols	IPv4, IPv6, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, RTMP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS, SSL/TLS				
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API , SDK				
Client	Uniarch Client Uniarch APP				
Interface					
Built-in Mic	Support				
Network	1 * RJ45 10M/100M Base-TX Ethernet				
Certifications					
Protection	IP67 (IEC 60529)				
General					
Power	DC 12V±25%, PoE (IEEE 802.3af) Power consumption: Max 3.7W				
Working Environment	-30 C ~60 C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)				

2MP HD VF Bullet Network Camera

IPC-B312-APKZ



Key Features

- Day/night functionality
- Smart IR, up to 50m (164ft) IR distance
- Optical glass window with higher light transmittance
- IR anti-reflection window to increase the infrared transmittance
- 2D/3D DNR (Digital Noise Reduction)
- Built-in Mic
- Compression
 - Ultra 265, H.265, H.264
 - ROI (Region of Interest)

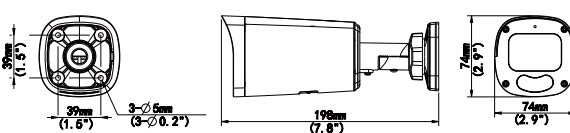
Network

- ONVIF Conformance

Structure

- Wide temperature range: -30°C ~ 60°C (-22°F ~ 140°F)
- Wide voltage range of ±25%
- IP67

Dimensions



Specifications

	IPC-B312-APKZ				
Camera					
Sensor	1/2.7", progressive scan, CMOS				
Lens	2.8 ~ 12mm, AF automatic focusing and motorized zoom lens				
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	2.8	42	16.8	8.4	4.2
	12	180	72	36	18
Angle of View (H)	108.05°~ 32.59°				
Angle of View (V)	56.81°~ 18.36°				
Angle of View (O)	111.91°~36.53°		Tilt: 0° ~ 90°		Rotate: 0° ~ 360°
Adjustment angle	Pan: 0° ~ 360°				
Shutter	Auto/Manual, 1 ~ 1/100000s				
Minimum Illumination	Colour: 0.01Lux (F1.8, AGC ON) 0Lux with IR on				
Digital noise reduction	2D/3D DNR				
Day/Night	IR-cut filter with auto switch (ICR)				
S/N	>52dB				
IR Range	Up to 50m (164ft) IR range				
Defog	Digital Defog				
WDR	120dB				
Storage					
Edge Storage	Micro SD, up to 128GB				
Network Storage	ANR,NAS(NFS)				
Video					
Video Compression	Ultra 265, H.265, H.264, MJPEG				
H.264 code profile	Baseline profile, Main Profile, High profile				
Frame Rate	Main Stream: 1080P (1920*1080), Max 30fps; 720P (1280*720), Max 30fps Sub Stream: 720P (1280*720), Max 30fps; D1 (720*576), Max 30fps; 640*360,Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), Max 30fps;				
HLC	Supported				
BLC	Supported				
OSD	Up to 4 OSDs				
Privacy Mask	Up to 4 areas				
ROI	Up to 8 areas				
Motion Detection	Up to 4 areas				
Smart					
Behavior Detection	Intrusion(based on human body detection)				
	Motion detection, tampering alarm, audio detection				
Network					
Protocols	IPv4, IGMP, ICMP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, UPnP, HTTP, RTMP				
Compatible Integration	ONVIF (Profile S, Profile T, Profile G), API				
Interface					
Network	10/100M Base-TX Ethernet				
Built-in Mic	Supported				
General					
Power	DC 12V±25%, PoE				
	Power consumption: Max 3.5W				
Ingress Protection	IP67				

2MP Vandal-resistant VF Dome Network Camera

IPC-D312-APKZ



Key Features

Optics

- Day/night functionality
- Smart IR, up to 30m (98ft) IR distance
- 2D/3D DNR (Digital Noise Reduction)
- Built-in Mic

Compression

- Ultra 265, H.265, H.264
- ROI (Region of Interest)

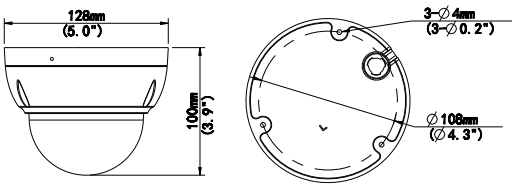
Network

- ONVIF Conformance

Structure

- Wide temperature range: -30°C ~ 60°C (-22°F ~ 140°F)
- Wide voltage range of ±25%
- IK10 vandal resistant
- IP67
- 3-Axis

Dimensions



Specifications

	IPC-D312-APKZ				
Camera					
Sensor	1/2.7", progressive scan, CMOS				
Lens	2.8 ~ 12mm, AF automatic focusing and motorized zoom lens				
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	2.8	42	16.8	8.4	4.2
	12	180	72	36	18
Angle of View (H)	108.05°~ 32.59°				
Angle of View (V)	56.81° ~ 18.36°				
Angle of View (O)	111.91°~36.53°				
Adjustment angle	Pan: 3° ~ 360°		Tilt: 0° ~ 70°		Rotate: 3° ~ 360°
Shutter	Auto/Manual, 1 ~ 1/100000s				
Minimum Illumination	Colour: 0.01Lux (F1.8, AGC ON) 0Lux with IR on				
Digital noise reduction	2D/3D DNR				
Day/Night	IR-cut filter with auto switch (ICR)				
S/N	>52dB				
IR Range	Up to 30m (98ft) IR range				
Defog	Digital Defog				
WDR	120dB				
Storage					
Edge Storage	Micro SD, up to 128GB				
Network Storage	ANR,NAS(NFS)				
Video					
Video Compression	Ultra 265, H.265, H.264, MJPEG				
H.264 code profile	Baseline profile, Main Profile, High profile				
Frame Rate	Main Stream: 1080P (1920*1080), Max 30fps; 720P (1280*720), Max 30fps Sub Stream: 720P (1280*720), Max 30fps; D1 (720*576), Max 30fps; 640*360,Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), Max 30fps;				
HLC	Supported				
BLC	Supported				
OSD	Up to 4 OSDs				
Privacy Mask	Up to 4 areas				
ROI	Up to 8 areas				
Motion Detection	Up to 4 areas				
Smart					
Behavior Detection	Intrusion(based on human body detection)				
	Motion detection, tampering alarm, audio detection				
Network					
Protocols	IPv4, IGMP, ICMP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, UPnP, HTTP, RTMP				
Compatible Integration	ONVIF (Profile S, Profile T, Profile G), API				
Interface					
Network	10/100M Base-TX Ethernet				
Built-in Mic	Supported				
General					
Power	DC 12V±25%, PoE				
	Power consumption: Max 4.5W				
Ingress Protection	IP67				
Vandal Resistant	IK10				

2MP HD VF Turret Network Camera

IPC-T312-APKZ



Key Features

Optics

- Day/night functionality
- Smart IR, up to 30m (98ft) IR distance
- 2D/3D DNR (Digital Noise Reduction)
- Built-in Mic

Compression

- Ultra 265, H.265, H.264
- ROI (Region of Interest)

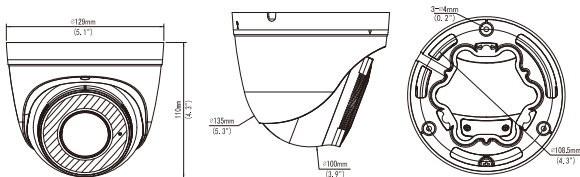
Network

- ONVIF Conformance

Structure

- Wide temperature range: -30°C ~ 60°C (-22°F ~ 140°F)
- Wide voltage range of ±25%
- IP67
- 3-Axis

Dimensions



Specifications

	IPC-T312-APKZ				
Camera					
Sensor	1/2.7", progressive scan, CMOS				
Lens	2.8 ~ 12mm, AF automatic focusing and motorized zoom lens				
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	2.8	42	16.8	8.4	4.2
	12	180	72	36	18
Angle of View (H)	108.05°~ 32.59°				
Angle of View (V)	56.81°~ 18.36°				
Angle of View (O)	111.91°~36.53°				
Adjustment angle	Pan: 0° ~ 360°		Tilt: 0° ~ 75°		Rotate: 0° ~ 360°
Shutter	Auto/Manual, 1 ~ 1/100000s				
Minimum Illumination	Colour: 0.01Lux (F1.8, AGC ON) 0Lux with IR on				
Digital noise reduction	2D/3D DNR				
Day/Night	IR-cut filter with auto switch (ICR)				
S/N	>52dB				
IR Range	Up to 30m (98ft) IR range				
Defog	Digital Defog				
WDR	120dB				
Storage					
Edge Storage	Micro SD, up to 128GB				
Network Storage	ANR,NAS(NFS)				
Video					
Video Compression	Ultra 265, H.265, H.264, MJPEG				
H.264 code profile	Baseline profile, Main Profile, High profile				
Frame Rate	Main Stream: 1080P (1920*1080), Max 30fps; 720P (1280*720), Max 30fps Sub Stream: 720P (1280*720), Max 30fps; D1 (720*576), Max 30fps; 640*360,Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), Max 30fps;				
HLC	Supported				
BLC	Supported				
OSD	Up to 4 OSDs				
Privacy Mask	Up to 4 areas				
ROI	Up to 8 areas				
Motion Detection	Up to 4 areas				
Smart					
Behavior Detection	Intrusion(based on human body detection)				
	Motion detection, tampering alarm, audio detection				
Network					
Protocols	IPv4, IGMP, ICMP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, UPnP, HTTP, RTMP				
Compatible Integration	ONVIF (Profile S, Profile T, Profile G), API				
Interface					
Network	10/100M Base-TX Ethernet				
Built-in Mic	Supported				
General					
Power	DC 12V±25%, PoE				
	Power consumption: Max 3.5W				
Ingress Protection	IP67				

4MP HD VF Bullet Network Camera

IPC-B314-APKZ



Key Features

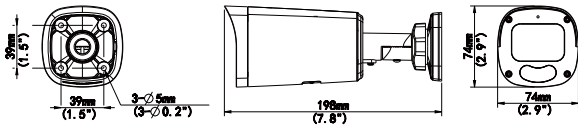
- Optics
- Day/night functionality
 - Smart IR, up to 50m (164ft) IR distance
 - Optical glass window with higher light transmittance
 - IR anti-reflection window to increase the infrared transmittance
 - 2D/3D DNR (Digital Noise Reduction)
 - Built-in Mic

- Compression
- Ultra 265, H.265, H.264, MJPEG
 - ROI (Region of Interest)

- Network
- ONVIF Conformance

- Structure
- Wide temperature range: -30°C ~ 60°C (-22°F ~ 140°F)
 - Wide voltage range of ±25%
 - IP67

Dimensions



Specifications

	IPC-B314-APKZ				
Camera					
Sensor	1/2.7", progressive scan, CMOS				
Lens	2.8 ~ 12mm, AF automatic focusing and motorized zoom lens				
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	2.8	63.0	25.2	12.6	6.3
	12	270.0	108.0	54.0	27.0
Angle of View (H)	102.79°~ 30.86°				
Angle of View (V)	54.50°~ 17.49°				
Angle of View (O)	106.94°~35.49°				
Adjustment angle	Pan: 0° ~ 360°		Tilt: 0° ~ 90°		Rotate: 0° ~ 360°
Shutter	Auto/Manual, 1 ~ 1/100000s				
Minimum Illumination	Colour: 0.005Lux (F1.8, AGC ON) 0Lux with IR on				
Digital noise reduction	2D/3D DNR				
Day/Night	IR-cut filter with auto switch (ICR)				
S/N	>56dB				
IR Range	Up to 50m (164ft) IR range				
Defog	Digital Defog				
WDR	120dB				
Storage					
Edge Storage	Micro SD, up to 256GB				
Network Storage	ANR, NAS(NFS)				
Video					
Video Compression	Ultra 265, H.265, H.264, MJPEG				
H.264 code profile	Baseline profile, Main profile, High profile				
Frame Rate	Main Stream: 4MP (2560*1440), Max 25fps; 3MP (2304*1296), Max 30fps; 1080P (1920*1080), Max 30fps; Sub Stream: 720P (1280*720), Max 30fps; D1 (720*576), Max 30fps; 640*360,Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), Max 30fps;				
HLC	Supported				
BLC	Supported				
OSD	Up to 4 OSDs				
Privacy Mask	Up to 4 areas				
ROI	Up to 8 areas				
Motion Detection	Up to 4 areas				
Smart					
Behavior Detection	Intrusion(based on human body detection)				
	Motion detection, tampering alarm, audio detection				
Network					
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, SSL, QoS, RTMP				
Compatible Integration	ONVIF (Profile S, Profile T, Profile G), API				
Interface					
Network	10/100M Base-TX Ethernet				
Built-in Mic	Supported				
General					
Power	DC 12V±25%, PoE				
	Power consumption: Max 7.5W				
Ingress Protection	IP67				

4MP Vandal-resistant VF Dome Network Camera

IPC-D314-APKZ



Key Features

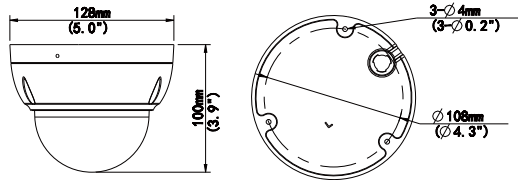
- Optics
- Day/night functionality
 - Smart IR, up to 30m (98ft) IR distance
 - 2D/3D DNR (Digital Noise Reduction)
 - Built-in Mic

- Compression
- Ultra 265, H.265, H.264, MJPEG
 - ROI (Region of Interest)

- Network
- ONVIF Conformance

- Structure
- Wide temperature range: -30°C ~ 60°C (-22°F ~ 140°F)
 - Wide voltage range of ±25%
 - IK10 vandal resistant
 - IP67
 - 3-Axis

Dimensions



Specifications

	IPC-D314-APKZ				
Camera					
Sensor	1/2.7", progressive scan, CMOS				
Lens	2.8 ~ 12mm, AF automatic focusing and motorized zoom lens				
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	2.8	63.0	25.2	12.6	6.3
	12	270.0	108.0	54.0	27.0
Angle of View (H)	102.79°~ 30.86°				
Angle of View (V)	54.50°~ 17.49°				
Angle of View (O)	106.94°~35.49°				
Adjustment angle	Pan: 3° ~ 360°		Tilt: 0° ~ 70°		Rotate: 3° ~ 360°
Shutter	Auto/Manual, 1 ~ 1/100000s				
Minimum Illumination	Colour: 0.005Lux (F1.8, AGC ON) 0Lux with IR on				
Digital noise reduction	2D/3D DNR				
Day/Night	IR-cut filter with auto switch (ICR)				
S/N	>56dB				
IR Range	Up to 30m (98ft) IR range				
Defog	Digital Defog				
WDR	120dB				
Storage					
Edge Storage	Micro SD, up to 256GB				
Network Storage	ANR, NAS(NFS)				
Video					
Video Compression	Ultra 265, H.265, H.264, MJPEG				
H.264 code profile	Baseline profile, Main Profile				
Frame Rate	Main Stream: 4MP (2560*1440), Max 25fps; 3MP (2304*1296), Max 30fps; 1080P (1920*1080), Max 30fps; Sub Stream: 720P (1280*720), Max 30fps; D1 (720*576), Max 30fps; 640*360, Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), Max 30fps;				
HLC	Supported				
BLC	Supported				
OSD	Up to 4 OSDs				
Privacy Mask	Up to 4 areas				
ROI	Up to 8 areas				
Motion Detection	Up to 4 areas				
Smart					
Behavior Detection	Intrusion(based on human body detection)				
	Motion detection, tampering alarm, audio detection				
Network					
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, SSL, QoS, RTMP				
Compatible Integration	ONVIF (Profile S, Profile T, Profile G), API				
Interface					
Network	10/100M Base-TX Ethernet				
Built-in Mic	Supported				
General					
Power	DC 12V±25%, PoE				
	Power consumption: Max 4.5W				
Ingress Protection	IP67				
Vandal Resistant	IK10				

4MP HD VF Turret Network Camera

IPC-T314-APKZ



Key Features

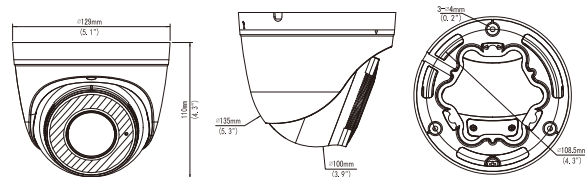
- Optics
- Day/night functionality
 - Smart IR, up to 30m (98ft) IR distance
 - 2D/3D DNR (Digital Noise Reduction)
 - Built-in Mic

- Compression
- Ultra 265, H.265, H.264, MJPEG
 - ROI (Region of Interest)

- Network
- ONVIF Conformance

- Structure
- Wide temperature range: -30°C ~ 60°C (-22°F ~ 140°F)
 - Wide voltage range of ±25%
 - IP67
 - 3-Axis

Dimensions



Specifications

	IPC-T314-APKZ				
Camera					
Sensor	1/3", progressive scan, CMOS				
Lens	2.8 ~ 12mm, AF automatic focusing and motorized zoom lens				
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	2.8	63.0	25.2	12.6	6.3
	12	270.0	108.0	54.0	27.0
Angle of View (H)	102.79°~ 30.86°				
Angle of View (V)	54.50°~ 17.49°				
Angle of View (O)	106.94°~35.49°				
Adjustment angle	Pan: 0° ~ 360°		Tilt: 0° ~ 75°		Rotate: 0° ~ 360°
Shutter	Auto/Manual, 1 ~ 1/100000s				
Minimum Illumination	Colour: 0.005Lux (F1.8, AGC ON) 0Lux with IR on				
Digital noise reduction	2D/3D DNR				
Day/Night	IR-cut filter with auto switch (ICR)				
S/N	>56dB				
IR Range	Up to 30m (98ft) IR range				
Defog	Digital Defog				
WDR	120dB				
Storage					
Edge Storage	Micro SD, up to 256GB				
Network Storage	ANR, NAS(NFS)				
Video					
Video Compression	Ultra 265, H.265, H.264, MJPEG				
H.264 code profile	Baseline profile, Main profile, High profile				
Frame Rate	Main Stream: 4MP (2560*1440), Max 25fps; 3MP (2304*1296), Max 30fps; 1080P (1920*1080), Max 30fps; Sub Stream: 720P (1280*720), Max 30fps; D1 (720*576), Max 30fps; 640*360,Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), Max 30fps;				
HLC	Supported				
BLC	Supported				
OSD	Up to 4 OSDs				
Privacy Mask	Up to 4 areas				
ROI	Up to 8 areas				
Motion Detection	Up to 4 areas				
Smart					
Behavior Detection	Intrusion(based on human body detection)				
	Motion detection, tampering alarm, audio detection				
Network					
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, SSL, QoS, RTMP				
Compatible Integration	ONVIF (Profile S, Profile T), API				
Interface					
Network	10/100M Base-TX Ethernet				
Built-in Mic	Supported				
General					
Power	DC 12V±25%, PoE				
	Power consumption: Max 6.0W				
Ingress Protection	IP67				

5MP HD VF Bullet Network Camera

IPC-B315-APKZ



Key Features

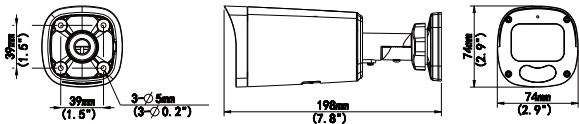
- Optics
- Day/night functionality
 - Smart IR, up to 50m (164ft) IR distance
 - Optical glass window with higher light transmittance
 - IR anti-reflection window to increase the infrared transmittance
 - 2D/3D DNR (Digital Noise Reduction)
 - Built-in Mic

- Compression
- Ultra 265, H.265, H.264, MJPEG
 - ROI (Region of Interest)

- Network
- ONVIF Conformance

- Structure
- Wide temperature range: -30°C ~ 60°C (-22°F ~ 140°F)
 - Wide voltage range of ±25%
 - IP67

Dimensions



Specifications

	IPC-B315-APKZ				
Camera					
Sensor	1/3", progressive scan, CMOS				
Lens	2.8 ~ 12mm, AF automatic focusing and motorized zoom lens				
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	2.8	63.0	25.2	12.6	6.3
	12	270.0	108.0	54.0	27.0
Angle of View (H)	102.79°~ 30.86°				
Angle of View (V)	54.50°~ 17.49°				
Angle of View (O)	106.94°~35.49°				
Adjustment angle	Pan: 0° ~ 360°		Tilt: 0° ~ 90°		Rotate: 0° ~ 360°
Shutter	Auto/Manual, 1 ~ 1/100000s				
Minimum Illumination	Colour: 0.005Lux (F1.8, AGC ON) 0Lux with IR on				
Digital noise reduction	2D/3D DNR				
Day/Night	IR-cut filter with auto switch (ICR)				
S/N	>56dB				
IR Range	Up to 50m (164ft) IR range				
Defog	Digital Defog				
WDR	120dB				
Storage					
Edge Storage	Micro SD, up to 256GB				
Network Storage	ANR, NAS(NFS)				
Video					
Video Compression	Ultra 265, H.265, H.264, MJPEG				
H.264 code profile	Baseline profile, Main profile, High profile				
Frame Rate	Main Stream: 5MP (2880*1620), Max 25fps; 4MP (2560*1440), Max 25fps; 3MP (2304*1296), Max 30fps;1080P (1920*1080), Max 30fps; Sub Stream: 720P (1280*720), Max 30fps; D1 (720*576), Max 30fps; 640*360, Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), Max 30fps;				
HLC	Supported				
BLC	Supported				
OSD	Up to 4 OSDs				
Privacy Mask	Up to 4 areas				
ROI	Up to 8 areas				
Motion Detection	Up to 4 areas				
Smart					
Behavior Detection	Intrusion(based on human body detection)				
	Motion detection, tampering alarm, audio detection				
Network					
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, SSL, QoS, RTMP				
Compatible Integration	ONVIF (Profile S, Profile T, Profile G), API				
Interface					
Network	10/100M Base-TX Ethernet				
Built-in Mic	Supported				
General					
Power	DC 12V±25%, PoE				
	Power consumption: Max 7.5W				
Ingress Protection	IP67				

5MP Vandal-resistant VF Dome Network Camera

IPC-D315-APKZ



Key Features

Optics

- Day/night functionality
- Smart IR, up to 30m (98ft) IR distance
- 2D/3D DNR (Digital Noise Reduction)
- Built-in Mic

Compression

- Ultra 265, H.265, H.264, MJPEG
- ROI (Region of Interest)

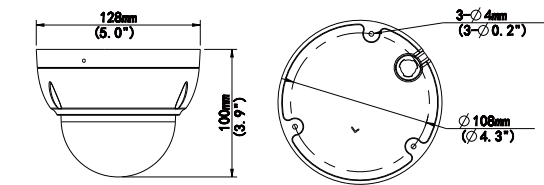
Network

- ONVIF Conformance

Structure

- Wide temperature range: -30°C ~ 60°C (-22°F ~ 140°F)
- Wide voltage range of ±25%
- IK10 vandal resistant
- IP67
- 3-Axis

Dimensions



Specifications

	IPC-D315-APKZ				
Camera					
Sensor	1/2.7", progressive scan, CMOS				
Lens	2.8 ~ 12mm, AF automatic focusing and motorized zoom lens				
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	2.8	63.0	25.2	12.6	6.3
	12	270.0	108.0	54.0	27.0
Angle of View (H)	102.79°~ 30.86°				
Angle of View (V)	54.50°~ 17.49°				
Angle of View (O)	106.94°~35.49°				
Adjustment angle	Pan: 3° ~ 360°		Tilt: 0° ~ 70°		Rotate: 3° ~ 360°
Shutter	Auto/Manual, 1 ~ 1/100000s				
Minimum Illumination	Colour: 0.005Lux (F1.8, AGC ON) 0Lux with IR on				
Digital noise reduction	2D/3D DNR				
Day/Night	IR-cut filter with auto switch (ICR)				
S/N	>56dB				
IR Range	Up to 30m (98ft) IR range				
Defog	Digital Defog				
WDR	120dB				
Storage					
Edge Storage	Micro SD, up to 256GB				
Network Storage	ANR, NAS(NFS)				
Video					
Video Compression	Ultra 265, H.265, H.264, MJPEG				
H.264 code profile	Baseline profile, Main profile, High profile				
Frame Rate	Main Stream: 5MP (2880*1620), Max 25fps; 4MP (2560*1440), Max 25fps; 3MP (2304*1296), Max 30fps; 1080P (1920*1080), Max 30fps; Sub Stream: 720P (1280*720), Max 30fps; D1 (720*576), Max 30fps; 640*360, Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), Max 30fps;				
HLC	Supported				
BLC	Supported				
OSD	Up to 4 OSDs				
Privacy Mask	Up to 4 areas				
ROI	Up to 8 areas				
Motion Detection	Up to 4 areas				
Smart					
Behavior Detection	Intrusion(based on human body detection)				
	Motion detection, tampering alarm, audio detection				
Network					
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, SSL, QoS, RTMP				
Compatible Integration	ONVIF (Profile S, Profile T, Profile G), API				
Interface					
Network	10/100M Base-TX Ethernet				
Built-in Mic	Supported				
General					
Power	DC 12V±25%, PoE				
	Power consumption: Max 6.0W				
Ingress Protection	IP67				
Vandal Resistant	IK10				

5MP HD VF Turret Network Camera

IPC-T315-APKZ



Key Features

Optics

- Day/night functionality
- Smart IR, up to 30m (98ft) IR distance
- 2D/3D DNR (Digital Noise Reduction)
- Built-in Mic

Compression

- Ultra 265, H.265, H.264, MJPEG
- ROI (Region of Interest)

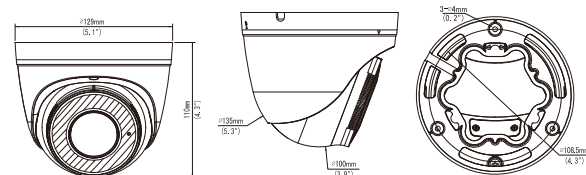
Network

- ONVIF Conformance

Structure

- Wide temperature range: -30°C ~ 60°C (-22°F ~ 140°F)
- Wide voltage range of ±25%
- IP67
- 3-Axis

Dimensions



Specifications

	IPC-T315-APKZ				
Camera					
Sensor	1/2.7", progressive scan, CMOS				
Lens	2.8 ~ 12mm, AF automatic focusing and motorized zoom lens				
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	2.8	63.0	25.2	12.6	6.3
	12	270.0	108.0	54.0	27.0
Angle of View (H)	102.79°~ 30.86°				
Angle of View (V)	54.50°~ 17.49°				
Angle of View (O)	106.94°~35.49°				
Adjustment angle	Pan: 0° ~ 360°		Tilt: 0° ~ 75°		Rotate: 0° ~ 360°
Shutter	Auto/Manual, 1 ~ 1/100000s				
Minimum Illumination	Colour: 0.005Lux (F1.8, AGC ON) 0Lux with IR on				
Digital noise reduction	2D/3D DNR				
Day/Night	IR-cut filter with auto switch (ICR)				
S/N	>56dB				
IR Range	Up to 30m (98ft) IR range				
Defog	Digital Defog				
WDR	120dB				
Storage					
Edge Storage	Micro SD, up to 256GB				
Network Storage	ANR, NAS(NFS)				
Video					
Video Compression	Ultra 265, H.265, H.264, MJPEG				
H.264 code profile	Baseline profile, Main profile, High profile				
Frame Rate	Main Stream: 5MP (2880*1620), Max 25fps; 4MP (2560*1440), Max 25fps; 3MP (2304*1296), Max 30fps; 1080P (1920*1080), Max 30fps; Sub Stream: 720P (1280*720), Max 30fps; D1 (720*576), Max 30fps; 640*360, Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), Max 30fps;				
HLC	Supported				
BLC	Supported				
OSD	Up to 4 OSDs				
Privacy Mask	Up to 4 areas				
ROI	Up to 8 areas				
Motion Detection	Up to 4 areas				
Smart					
Behavior Detection	Intrusion(based on human body detection)				
	Motion detection, tampering alarm, audio detection				
Network					
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, SSL, QoS, RTMP				
Compatible Integration	ONVIF (Profile S, Profile T, Profile G), API				
Interface					
Network	10/100M Base-TX Ethernet				
Built-in Mic	Supported				
General					
Power	DC 12V±25%, PoE				
	Power consumption: Max 6.0W				
Ingress Protection	IP67				

3MP HD Fixed Dual-light Bullet Network Camera

IPC-B233-APF40W



Key Features

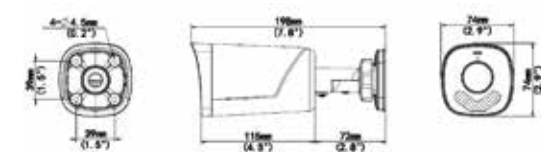
- Optics
- Day/night functionality
 - Smart IR, up to 50m (164ft) IR distance
 - Optical glass window with higher light transmittance
 - IR anti-reflection window to increase the infrared transmittance
 - 2D/3D DNR (Digital Noise Reduction)
 - Built-in Mic

- Compression
- Ultra 265, H.265, H.264
 - ROI (Region of Interest)

- Network
- ONVIF Conformance

- Structure
- Wide temperature range: -30°C ~ 60°C (-22°F ~ 140°F)
 - Wide voltage range of ±25%
 - IP67

Dimensions



Specifications

	IPC-B233-APF40W
Camera	
Sensor	1/2.7", 3.0 megapixel, progressive scan, CMOS
Minimum Illumination	Colour: 0.02Lux (F2.0, AGC ON) 0Lux with IR on
WDR	DWDR
Lens	
Lens Type	4.0mm@F2.0
Angle of View (H)	91.2°
Angle of View (V)	47.9°
Angle of View (O)	95.9°
Illuminator	
IR Range	Up to 50m (164ft) IR range
White Light Range	Up to 15m (49ft) White light range
Video	
Video Compression	Ultra 265, H.265, H.264
H.264 code profile	Baseline profile, Main profile, High profile
Frame Rate	Main Stream: 3MP (2304*1296), Max 25fps; 1080P (1920*1080), Max 30fps; 720P (1280*720), Max 30fps; Sub Stream: D1 (720*576), Max 30fps; 640*360,Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), Max 30fps;
Image	
White Balance	Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2
Digital Noise Reduction	2D/3D DNR
Smart IR	Supported
HLC	Supported
BLC	Supported
Defog	Digital Defog
Events	
Basic Detection	Cross line, intrusion(based on human body detection), Motion detection, Audio detection
General Function	Watermark, IP address filtering, Access policy, ARP protection, RTSP authentication, User authentication, HTTP authentication
Network	
Protocols	IPv4, IGMP, ICMP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, UPnP, HTTP, HTTPS, QoS , RTMP
Compatible Integration	ONVIF (Profile S, Profile T), API
Client	Uniarch Client Uniarch APP
Interface	
Network	1 * RJ45 10M/100M Base-TX Ethernet
Built-in Mic	N/A

3MP HD Fixed Dual-Light Turret Network Camera

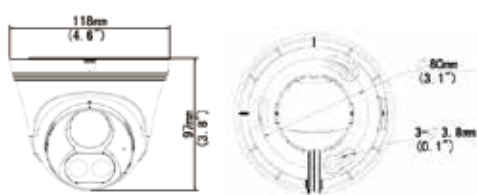
IPC-T213-APF28W



Key Features

- High quality image with 3MP,1/2.7" CMOS sensor
- 3MP(2304*1296)@25fps;2MP (1920*1080) @30/25fps;720P (1280*720) @30/25fps
- Ultra 265, H.265, H.264
- 2D/3D DNR (Digital Noise Reduction)
- ROI (Region of Interest)
- ONVIF Conformance
- Smart IR, up to 30m (98ft) IR distance
- White Light, up to 15m (49ft) white light distance
- 3-Axis
- Built-in Mic
- Wide temperature range: -30°C ~ 60°C (-22°F ~ 140°F)
- DC12V or PoE(IEEE 802.3af) power supply
- IP67

Dimensions



Specifications

	IPC-T213-APF28W
Camera	
Sensor	1/2.7", progressive scan, CMOS
Minimum Illumination	Colour: 0.02Lux (F1.6, AGC ON) 0Lux with IR on
WDR	DWDR
Lens	
Lens Type	2.8mm@F1.6
Angle of View (H)	113.5°
Angle of View (V)	59.5°
Angle of View (O)	121.9°
Illuminator	
IR Range	Up to 30m (98ft) IR range
White Light Range	Up to 15m (49ft) White light range
Video	
Video Compression	Ultra 265, H.265, H.264
H.264 code profile	Baseline profile, Main profile, High profile
Frame Rate	Main Stream: 3MP (2304*1296), Max 25fps; 1080P (1920*1080), Max 30fps; 720P (1280*720), Max 30fps; Sub Stream: D1 (720*576), Max 30fps; 640*360,Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), Max 30fps;
Image	
White Balance	Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2
Digital Noise Reduction	2D/3D DNR
Smart IR	Supported
HLC	Supported
BLC	Supported
Defog	Digital Defog
Events	
Basic Detection	Motion detection, Audio detection
General Function	Watermark, IP address filtering, access policy, ARP protection, RTSP authentication, user authentication, HTTP authentication
Network	
Protocols	IPv4, IGMP, ICMP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, UPnP, HTTP, RTMP
Compatible Integration	ONVIF (Profile S, Profile T), API
Client	Uniarch Client Uniarch APP
Interface	
Network	1 * RJ45 10M/100M Base-TX Ethernet
Built-in Mic	Support

3MP HD Dual Light Network PT Camera

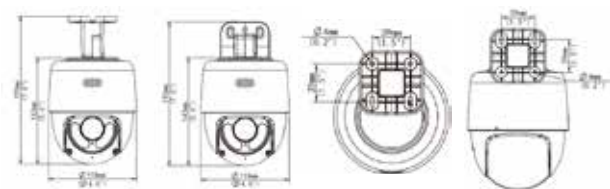
IPC-P213-AF40KC



Key Features

- 2304*1296@20fps in the main stream
- Ultra 265, H.265, H.264
- Support cross line detection and intrusion detection
- Support digital WDR (Wide Dynamic Range)
- Built-in Mic & Speaker, support two-way audio, offer better interaction
- Smart IR, Up to 30 m (98 ft) IR and 30m (98 ft) warm light distance, suitable for more scenes
- Self-contained bracket, support two kinds of mounting
- Supports 256 G Micro SD card
- IP66 ingress protection
- DC12V or PoE (IEEE 802.3af) power supply
- The front face is made of grapheme, which has better heat dissipation and more environmental protection

Dimensions



Specifications

		IPC-P213-AF40KC			
Camera					
Sensor	1/2.8" progressive scan, 3.0 megapixel, CMOS				
Lens type	4mm,Fixed; F1.6				
Field of View (H)	90.5°	Field of View(V)	44.4°	Field of View (D)	111.3°
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	Up to 30m (98ft)	73.5 (241.0ft)	29.4 (96.4ft)	14.7 (48.2ft)	7.3 (24.1ft)
IR Range	Up to 30m (98ft)				
Warm Light Range	Up to 30m (98ft)				
Wavelength	850nm				
IR On/Off Control	Auto/Manual				
Video					
Video Compression	Ultra 265, H.265, H.264				
Frame Rate	Main Stream: 3MP (2304*1296), Max 20fps; Sub Stream: D1 (720*576), Max 20fps;				
ROI	Support				
OSD	Up to 2 OSDs				
Privacy Mask	24 areas, up to 4 areas per scene				
White Balance	Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2				
HLC	Support				
BLC	Support				
Defog	Digital Defog				
Smart					
Smart Intrusion Prevention	Support false alarm filtering: Cross Line detection, Intrusion detection				
Basic Detection	Motion detection, Audio detection				
Storage					
Edge Storage	Micro SD, up to 256 GB				
Pan & Tilt					
Pan Range	0° ~ 345°		Tilt Range	0° ~ 90°	
Pan Speed	1°/s ~ 40°/s		Tilt Speed	0.1°/s ~ 30°/s	
	Preset speed: 40°/s			Preset speed: 30°/s	
Number of Presets	256				
Home Position	Support				
Interface					
Built-in Mic	Support				
Built-in Speaker	Support				
Network	1 * RJ45 10M/100M Base-TX Ethernet				
General					
Power	DC 12V±25%, PoE(IEEE 802.3af)				
	Power consumption: TBD				
Protection	Ingression protection: IP66				

3MP 20X Network PTZ Dome Camera

IPC-P413-X20K



Key Features

- High quality image with 3MP,1/2.8" CMOS sensor
- 2304*1296@30fps in the main stream
- 20X optical zoom allows for closer viewing of subjects
- Smart intrusion prevention, support false alarm filtering, include Cross Line, Intrusion, Enter Area, Leave Area detection
- Automatic selection of best snapshots
- People Counting, support people flow counting and crowd density monitoring, suitable for different statistical scenarios
- Up to 120 dB Optical WDR (Wide Dynamic Range)
- Smart IR, up to 100m (328ft) IR distance
- DC 12V±25% or PoE+ (IEEE 802.3at)
- Micro SD, up to 256GB
- IP66 ingress protection

Accessories



Specifications

		IPC-P413-X20K			
Camera					
Sensor	1/2.8", 3.0 megapixel, progressive scan, CMOS				
Lens type	5 ~ 100mm, AF automatic focusing and motorized zoom lens				
Optical Zoom	20				
Angle of View (H)	51.70° ~ 3.85°	Angle of View (V)	30.49° ~ 2.16°	Angle of View (O)	63.60° ~ 4.54°
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	5	77.6 (254.5ft)	31.0 (101.8ft)	15.5 (50.9ft)	7.8 (25.5ft)
	100	1551.7 (5091.0ft)	620.7 (2036.4ft)	310.3 (1018.2ft)	155.2 (509.1ft)
IR Range	Up to 100m (328 ft) IR range				
Video					
Video Compression	H.265, H.264, MJPEG				
Frame Rate	Main Stream: 3MP (2304*1296), Max 30fps; Sub Stream: 720P (1280*720), Max 30fps; Third Stream: D1 (720*576), Max 30fps;				
ROI	Support				
OSD	Up to 8 OSDs				
Privacy Mask	24 areas, up to 4 areas per scene				
White Balance	Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2				
HLC	Support				
BLC	Support				
Defog	Digital Defog				
Smart					
Smart Intrusion Prevention	Support false alarm filtering: Line crossing detection, Intrusion detection, Enter Area detection, Leave Area detection				
People Counting	Support people flow counting and crowd density monitoring				
Basic Detection	Motion detection, Tampering Alarm				
Auto Tracking	Support				
Storage					
Edge Storage	Micro SD, up to 256 GB				
Pan & Tilt					
Pan Range	360° (endless)		Tilt Range	-15° ~ 90° (auto reverse)	
Pan Speed	0.1°/s ~ 80°/s		Tilt Speed	0.1°/s ~ 80°/s	
	Preset speed: 80°/s			Preset speed: 80°/s	
Number of Presets	1024				
Home Position	Support				
Interface					
Network	1 * RJ45 10M/100M Base-TX Ethernet				
General					
Power	DC12V (±25%), PoE+(IEEE 802.3at)				
	Power consumption: MAX 20W				
Protection	Ingression protection: IP66 (IEC 60529:1989+AMD1:1999+AMD2:2013)				

NVR- E2 Series



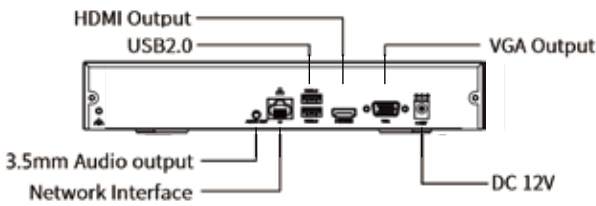
Key Features

- Support Ultra 265/H.265/H.264 video formats
- 4/10-channel input
- Third-party IP cameras supported with ONVIF conformance: Profile S, Profile G, Profile T
- Support 1-ch HDMI, 1-ch VGA
- HDMI and VGA simultaneous output
- Up to 8MP resolution recording
- 1 SATA HDD,up to 8TB
- Support cloud upgrade

Dimensions



Rear Panel



Specifications

Model	NVR-104E2		NVR-110E2	
Video/Audio Input				
IP Video Input	4-ch		10-ch	
Network				
Incoming Bandwidth	64Mbps			
Outgoing Bandwidth	32Mbps			
Remote Users	128			
Protocols	TCP/IP;P2P;UPnP;DHCP;HTTP;HTTPS;DNS;DDNS;SMTP;RTSP			
Video/Audio Output				
HDMI/VGA Output	HDMI:3840X2160/30Hz, 1920x1080p/60Hz, 1920x1080p/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz VGA:1920x1080p/60Hz, 1920x1080p/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz			
Recording Resolution	8MP/6MP/5MP/4MP/3MP/1080P/960P/720P/D1/2CIF/CIF			
Audio Output	1-ch, 3.5mm			
Synchronous Playback	4-ch		10-ch	
Corridor Mode Screen	3/4		3/4/5/7/9/10	
Decoding				
Decoding format	Ultra 265/H.265/H.264			
Liveview/Playback	8MP/5MP/4MP/3MP/1080P/960P/720P/960H/D1/2CIF/CIF/QCIF			
Capability	1 x 8MP@30, 1 x 5MP@30, 2 x 4MP@30, 4 x 3MP@20, 4 x 1080p@30, 8 x 720p@30, 10 x D1@30			
Hard Disk				
SATA	1 SATA in terface			
Capacity	Up to 8TB for each HDD (The maximum HDD capacity varies with environment temperature)			
External Interface				
Network Interface	1 RJ45 10M/100M self-adaptive Ethernet Interface			
USB Interface	Rear panel: 2 x USB2.0			
Power Supply	DC 12V/2A			
Working Environment				
Working Temperature	-10°C ~ + 55°C (+14°F ~ +131°F)			
Working Humidity	≤ 90% RH (non-condensing)			
Power Consumption	≤3W (without HDD)			
General				
Dimensions (W×D×H)	260mm × 243mm × 46mm (10.2"×9.6"×1.8")			
Weight (without HDD)	≤ 1Kg (2.2lb)			

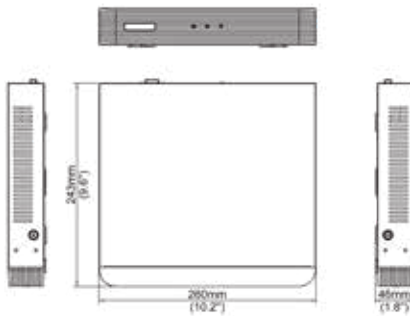
NVR- 116E2



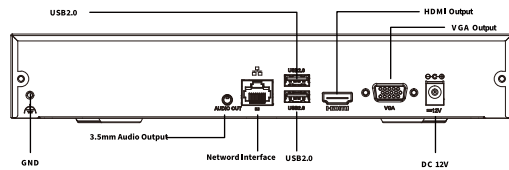
Key Features

- Support Ultra 265/H.265/H.264 video formats
- 16-channel input
- Third-party IP cameras supported with ONVIF conformance: Profile S, Profile G, Profile T
- Support 1-ch HDMI, 1-ch VGA
- HDMI and VGA simultaneous output
- Up to 8MP resolution recording
- 1 SATA HDD,up to 8TB
- Support cloud upgrade

Dimensions



Rear Panel



Specifications

Model	NVR-116E2
Video/Audio Input	
IP Video Input	16-ch
Network	
Incoming Bandwidth	64Mbps
Outgoing Bandwidth	32Mbps
Remote Users	128
Protocols	TCP/IP;P2P;UPnP;DHCP;HTTP;HTTPS;DNS;DDNS;SMTP;RTSP
Video/Audio Output	
HDMI/VGA Output	HDMI:4K(3840x2160)/30Hz, 1920x1080/60Hz, 1920x1080/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz VGA:1920x1080/60Hz, 1920x1080/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz
Recording Resolution	8MP/6MP/5MP/4MP/3MP/1080p/960p/720p/D1/2CIF/CIF
Audio Output	1-ch, 3.5mm
Synchronous Playback	16-ch
Corridor Mode Screen	3/4/5/7/9/10/12/16
Decoding	
Decoding format	Ultra 265/H.265/H.264
Liveview/Playback	8MP/5MP/4MP/3MP/1080P/960P/720P/960H/D1/2CIF/CIF/QCIF
Capability	1 x 8MP@30, 1 x 5MP@30, 2 x 4MP@30, 4 x 3MP@20, 4 x 1080p@30, 8 x 720p@30, 10 x D1@30
Hard Disk	
SATA	1 SATA in terface
Capacity	Up to 8TB for each HDD (The maximum HDD capacity varies with environment temperature)
External Interface	
Network Interface	1 RJ45 10M/100M self-adaptive Ethernet Interface
USB Interface	Rear panel: 2 x USB2.0
Power Supply	DC 12V/2A
Working Environment	
Working Temperature	-10°C ~ + 55°C (+14°F ~ +131°F)
Working Humidity	≤ 90% RH (non-condensing)
Power Consumption	≤3W (without HDD)
General	
Dimensions (W×D×H)	260mm × 243mm × 46mm (10.2"×9.6"×1.8")
Weight (without HDD)	≤ 1Kg (2.2lb)

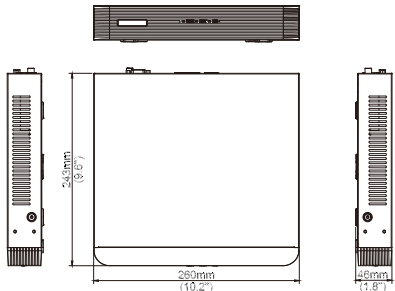
NVR- E2-P Series



Key Features

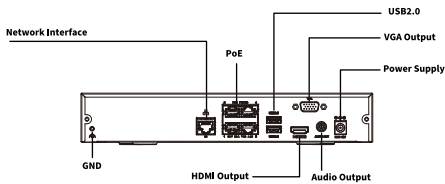
- Support Ultra 265/H.265/H.264 video formats
- 4/8-channel input
- Plug & Play with 4/8 independent PoE network interfaces
- Third-party IP cameras supported with ONVIF conformance: Profile S, Profile G, Profile T
- Support 1-ch HDMI, 1-ch VGA
- HDMI and VGA simultaneous output
- Up to 8MP resolution recording
- 1 SATA HDD up to 8TB
- Support cloud upgrade

Dimensions



Rear Panel

Take NVR-104E2-P4 for example



Specifications

Model	NVR-104E2-P4	NVR-108E2-P8
Video/Audio Input		
IP Video Input	4-ch	8-ch
Network		
Incoming Bandwidth	40Mbps	50Mbps
Outgoing Bandwidth	40Mbps	40Mbps
Remote Users	128	
Protocols	TCP/IP;P2P;UPnP;DHCP;HTTP;HTTPS;DNS;DDNS;SMTP;RTSP	
Video/Audio Output		
HDMI/VGA Output	HDMI:3840x2160/30Hz , 1920x1080/60Hz, 1920x1080/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz VGA:1920x1080/60Hz, 1920x1080/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz	
Audio Output	1-ch, RCA	
Recording Resolution	8MP/6MP/5MP/4MP/3MP/1080P/960P/720P/D1/2CIF/CIF	
Synchronous Playback	4-ch	8-ch
Corridor Mode Screen	3/4	3/4/5/7/9
Decoding		
Decoding format	Ultra 265/H.265/H.264	
Decoding Capability	NVR-104E2-P4:1 x 4K@30, 1 x 5MP@30, 2 x 4MP@30, 4 x 3MP@25, 6 x 1080P@30 NVR-108E2-P8:1 x 4K@30, 1 x 5MP@30, 2 x 4MP@30, 4 x 3MP@25, 6 x 1080P@30, 8 x 720P@30	
Audio Compression	G.711A,G.711U	
Hard Disk		
SATA	1 SATA Interface	
Capacity	Up to 8TB for each HDD(The maximum HDD capacity varies with environment temperature)	
External Interface		
Power Supply	DC 48V/1.35A Power Consumption:≤9 W (without HDD)	DC 52V/1.8A Power Consumption: ≤9 W (without HDD)
Network Interface	1 RJ45 10M/100M self-adaptive Ethernet Interface	
USB Interface	Rear panel: 2 x USB2.0	
PoE		
Interface	4 RJ45 10M/100M self-adaptive Ethernet Interface	8 RJ45 10M/100M self-adaptive Ethernet Interface
Max Power	Max 30W for single port Max 54W in total	Max 30W for single port Max 75W in total
Supported Standard	IEEE 802.3at, IEEE 802.3af	
Working Environment		
Working Temperature	-10°C ~ + 55°C (+14°F ~ +131°F)	
Working Humidity	≤ 90% RH (non-condensing)	
General		
Dimensions (W×D×H)	260mm × 243mm × 46mm (10.2" × 9.6" × 1.8")	
Weight (without HDD)	≤1.2kg (2.65lb)	

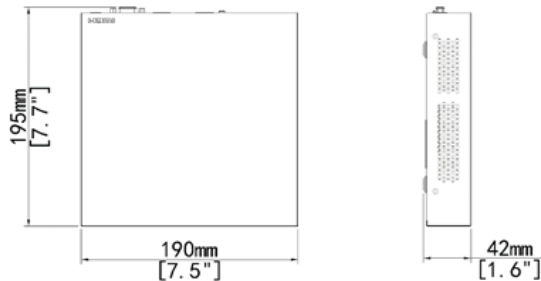
NVR- S3 Series



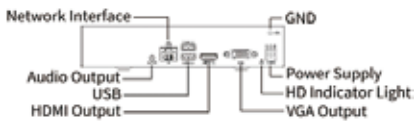
Key Features

- Support Ultra 265/H.265/H.264 video formats
- 6/10/16-channel input
- Third-party IP cameras supported with ONVIF conformance: Profile S, Profile G, Profile T
- Support 1-ch HDMI, 1-ch VGA
- HDMI and VGA simultaneous output
- Up to 6MP resolution recording
- 1 SATA HDD up to 6TB
- Support cloud upgrade

Dimensions



Rear Panel



Specifications

Model	NVR-106S3		NVR-110S3	NVR-116S3
Video/Audio Input				
IP Video Input	6-ch		10-ch	16-ch
Network				
Incoming Bandwidth	64Mbps			
Outgoing Bandwidth	48Mbps			
Remote Users	128			
Protocols	TCP/IP;P2P;UPnP;DHCP;HTTP;HTTPS;DNS;DDNS;SMTP;RTSP			
Video/Audio Output				
HDMI Output	HDMI:1920x1080/60Hz, 1920x1080/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz			
VGA Output	VGA:1920x1080/60Hz, 1920x1080/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz			
3.5mm Audio Output	1-ch			
Liveview Display	1/4/6/8/9		1/4/6/8/9/10	1/4/6/8/9/16
Corridor Mode Screen	3/4/5/7		3/4/5/7/9/10	3/4/5/7/9/10/12/16
Decoding				
Decoding Format	Ultra 265,H.265,H.264			
Decoding Capability	NVR-106S3: 1 x 6MP@30, 1 x 5MP@30, 2 x 4MP@30, 2 x 3MP@30, 6 x 1080P@30, 6 x 720P@30		NVR-116S3: 1 x 6MP@30, 1 x 5MP@30, 2 x 4MP@30, 2 x 3MP@30, 6 x 1080P@30, 8 x 720P@30, 16 x D1	NVR-110S3: 1 x 6MP@30, 1 x 5MP@30, 2 x 4MP@30, 2 x 3MP@30, 6 x 1080P@30, 8 x 720P@30, 10 x D1
Audio Compression	G.711A,G.711U			
Hard Disk				
SATA	1 SATA Interface			
Capacity	Up to 6TB for each HDD			
Working Environment				
Working Temperature	-10℃ ~ + 55℃ (+14°F ~ +131°F)			
Working Humidity	≤ 90% RH (non-condensing)			
Power Consumption (without HDD)	≤ 7W			
External Interface				
Network Interface	1 RJ45 10M/100M self-adaptive Ethernet Interface			
USB	Rear panel: 2 x USB2.0			
Power Supply	DC 12V/2A			
General				
Weight (without HDD)	≤1.0Kg(2.20lb)			
Dimensions	190mm × 195mm × 42mm (7.5" × 7.7" × 1.6")			

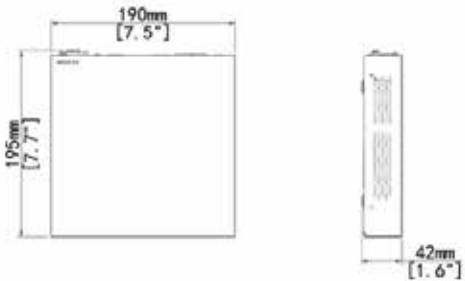
NVR- S3-P Series



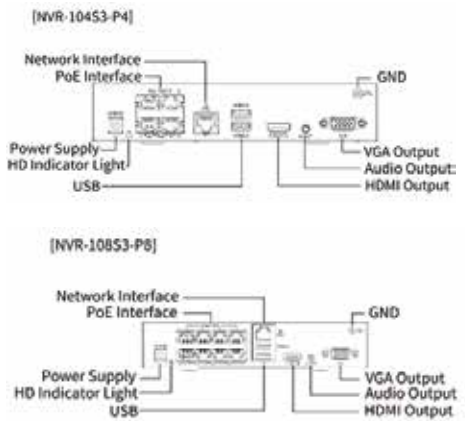
Key Features

- Support Ultra 265/H.265/H.264 video formats
- 4/8-channel input
- Plug & Play with 4/8 independent PoE network interfaces
- Third-party IP cameras supported with ONVIF conformance: Profile S, Profile G, Profile T
- Support 1-ch HDMI, 1-ch VGA
- HDMI and VGA simultaneous output
- Up to 6MP resolution recording
- 1 SATA HDD up to 6TB
- Support cloud upgrade

Dimensions



Rear Panel



Specifications

Model	NVR-104S3-P4		NVR-108S3-P48	
Video/Audio Input				
IP Video Input	4-ch		8-ch	
Network				
Incoming Bandwidth	64Mbps			
Outgoing Bandwidth	48Mbps			
Remote Users	128			
Protocols	TCP/IP;P2P;UPnP;DHCP;HTTP;HTTPS;DNS;DDNS;SMTP;RTSP			
Video/Audio Output				
HDMI Output	HDMI:1920x1080/60Hz, 1920x1080/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz			
VGA Output	VGA:1920x1080/60Hz, 1920x1080/50Hz, 1600x1200/60Hz, 1280x1024/60Hz, 1280x720/60Hz, 1024x768/60Hz			
3.5mm Audio Output	1-ch			
Liveview Display	1/4	1/4/6/8/9		
Corridor Mode Screen	3/4	3/4/5/7/9		
Decoding				
Decoding Format	Ultra 265,H.265,H.264			
Decoding Capability	1 x 6MP@30, 1 x 5MP@30, 2x4MP@30, 2 x3MP@30, 6x1080P@30	1 x 6MP@30, 1x5MP@30, 2x4MP@30, 2 x3MP@30, 6 x1080P@30, 8x720P@30		
Audio Compression	G.711A,G.711U			
Hard Disk				
SATA	1 SATA Interface			
Capacity	Up to 6TB for each HDD			
External Interface				
Network Interface	1 RJ45 10M/100M self-adaptive Ethernet Interface			
USB	2 x USB2.0			
Power Supply	DC 48V/1.35A	DC 52V/1.8A		
POE				
Interface	NVR-104S3-P4:4 RJ45 10M/100M self-adaptive Ethernet Interface	NVR-108S3-P48:8 RJ45 10M/100M self-adaptive Ethernet Interface		
Max Power	Max 30W for single port, Max 50W in total	Max 30W for single port, Max 75W in total		
Supported Standard	IEEE 802.3at,IEEE 802.3af			
General				
Dimensions	190mm × 195mm × 42mm (7.5"×7.7"×1.6")			
Weight (without HDD)	≤ 1.0Kg (2.20lb)			
Working Environment				
Working Temperature	-10°C ~ + 55°C (+14°F ~ +131°F)			
Working Humidity	≤ 90% RH (non-condensing)			
Power Consumption (without HDD)	≤ 9W			
Certification				
Certification	CE,FCC,RoHS,WEEE			
CE	EN 55032,EN 61000-3-3,EN IEC 61000-3-2,EN 55035			
FCC	Part15 Subpart B			

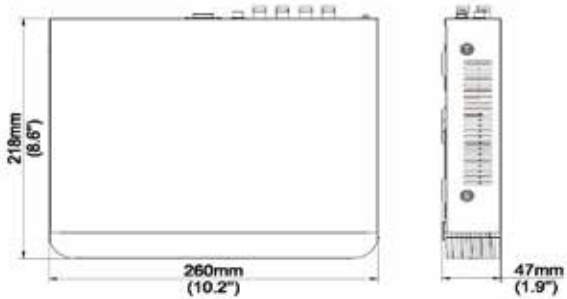
XVR- G3 Series



Key Features

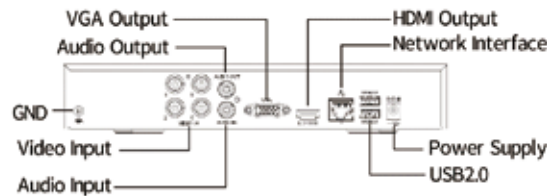
- Support H.265/H.264 video formats
- Support audio over coaxial cable
- Support TVI, AHD, CVI, CVBS, IP cameras with adaptive access
- 4/8/16-channel BNC input
- Support 1-ch HDMI output, 1-ch VGA output at up to 1920*1080
- Long transmission distance over coax cable
- Supports mainstream cameras of ONVIF and RTSP protocols

Dimensions



Rear Panel

[XVR-104G3]



Specifications

Model	XVR-104G3	XVR-108G3	XVR-116G3
Video/Audio Input			
IP Video Input	2-ch	4-ch	8-ch
Supported Analog	5MP@20fps	5MP@12.5fps	5MP@12.5fps
Camera Types	4MP@30fps	4MP@15fps	4MP@15fps
	1080P@30fps	1080P@30fps	1080P@30fps
	720P@30fps	720P@30fps	720P@30fps
Analog Video Input	4-ch	8-ch	16-ch
Audio Input	1-ch, RCA	1-ch, RCA	1-ch, RCA
Video/Audio Output			
Video Output	HDMI /VGA	HDMI /VGA	HDMI /VGA
Audio Output	1-ch, RCA	1-ch, RCA	1-ch, RCA
AOC	support (TVI)	support (TVI)	support (TVI)
Encoding			
Recording Frame Rate	Main stream:	Main stream:	Main stream:
	5MP Lite@12fps	5MP Lite@6fps	5MP Lite@6fps
	4MP Lite@15fps	4MP Lite@8fps	4MP Lite@8fps
	1080P@15fps	1080P Lite@12fps	1080P Lite@12fps
	720P@25fps	720P@12fps	720P@12fps
Num of Concurrent	4ch	8ch	16ch
Playback in Local			
Storage			
HDD	1 SATA interface	1 SATA interface	1 SATA interface
Capacity	Up to 8TB for each HDD	Up to 8TB for each HDD	Up to 8TB for each HDD
	(The maximum HDD capacity varies with environment temperature)	(The maximum HDD capacity varies with environment temperature)	(The maximum HDD capacity varies with environment temperature)
External Interface			
Network Interface	1 RJ45 10M/100M	1 RJ45 10M/100M	1 RJ45 10M/100M
Serial Interface	N/A	N/A	1 x RS485
USB Interface	2 x USB2.0	2 x USB2.0	2 x USB2.0
Other			
Power Supply	12V DC	12V DC	12V DC
Dimensions(W×D×H)	260mm ×226mm×47mm	260mm ×226mm×47mm	260mm ×226mm×47mm
	(10.2" × 8.9"×1.8")	(10.2" × 8.9"×1.8")	(10.2" × 8.9"×1.8")
Function			
UMD	4ch	4ch	8ch

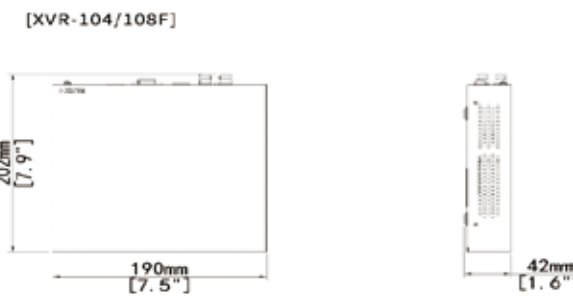
XVR- F Series



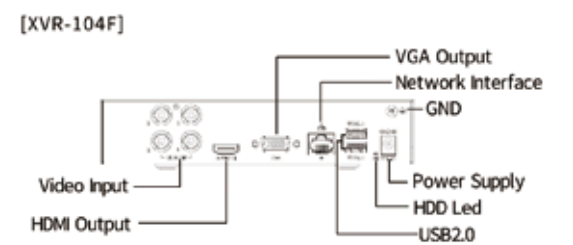
Key Features

- Support H.265/H.264 video formats
- Support audio over coaxial cable(only for TVI cameras)
- Support analog camera upgrade over coaxial cable
- Support TVI, AHD, CVI, CVBS, IP cameras with adaptive access
- 4/8/16-channel BNC input
- Support 1-ch HDMI output, 1-ch VGA output at up to 1920*1080
- HDMI and VGA simultaneous output
- Long transmission distance over coaxial cable
- Supports mainstream cameras of ONVIF and RTSP protocols

Dimensions



Rear Panel



Specifications

Model	XVR-104F	XVR-108F	XVR-116F
Video/Audio Input			
IP Video Input	2-ch	2-ch	2-ch
Supported Analog	1080P@30fps	1080P@30fps	1080P@30fps
Camera Types	720P@30fps	720P@30fps	720P@30fps
Analog Video Input	4-ch	8-ch	16-ch
Video/Audio Output			
Video Output	HDMI/VGA	HDMI/VGA	HDMI/VGA
AOC	support (TVI)	support (TVI)	support (TVI)
Encoding			
Recording Frame Rate	1080P Lite@25fps 720P@30fps	1080P Lite@15fps 720P@15fps	1080P Lite@12fps 720P@15fps
Num of Concurrent Playback in Local	4ch	8ch	16ch
Storage			
HDD	1 SATA interface	1 SATA interface	1 SATA interface
Capacity	Up to 8TB for each HDD (The maximum HDD capacity varies with environment temperature)	Up to 8TB for each HDD (The maximum HDD capacity varies with environment temperature)	Up to 8TB for each HDD (The maximum HDD capacity varies with environment temperature)
External Interface			
Network Interface	1 RJ45 10M/100M	1 RJ45 10M/100M	1 RJ45 10M/100M
USB Interface	2 x USB2.0	2 x USB2.0	2 x USB2.0
Other			
Power Supply	12V DC	12V DC	12V DC
Dimensions(W×D×H)	190mm×202mm×42mm (7.5"×7.9"×1.6")	190mm×202mm×42mm (7.5"×7.9"×1.6")	253mm×212mm×42mm (10.0"×8.4"×1.7")
Function			
UMD	4ch	4ch	8ch

Display&Transmission

24" LED FHD Monitor

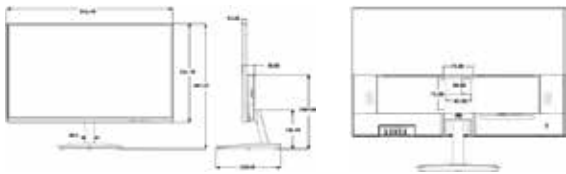
MT-24-L



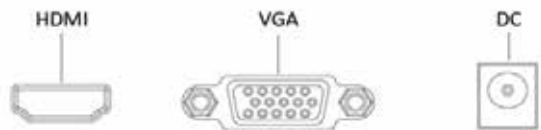
Key Features

- True color display and perfect color reproduction
- Wide viewing angle:178°(H)/ 178°(V)
- No color shift from any view angle
- Specific menu design, which is simple to operate
- Support 7*24 working and lower power consumption
- Adaptively recognize signal
- VESA stand bracket
- Support multiply language
- High fidelity digital processing for a brilliant and vivid video
- Professional thermal design to extend equipment lifespan
- Screen can reduce blue light, protect eyes
- Without ripple, use smooth dimming with DC to eliminate screen flicker
- Three sides super slim design, min width can be 2.8mm
- High light transmittance, uniform brightness, rich color, wide color gamut

Dimensions



Interfaces



Specifications

Model	MT-24-T
Display	
Display Type	LED Backlight
Screen Size	23.8"
Aspect Ratio	16:9
Pixel Pitch (mm)	0.275× 0.275
Max Resolution	1920×1080
Brightness (cd/m2)	250
Contrast	1000:1
Response Time (ms)	14
Color	16.7M
Viewing Angle	Horizontal 178°,Vertical 178°
Refresh Rate	60Hz
Interface	
Input	VGA × 1,HDMI × 1
OSD	
Multi-Language	8 (English, France, Spanish, German, Korea, Japanese, Simplified Chinese)
Mounting	
VESA	75mm × 75mm
General	
Power Supply	DC 12V, 2A
Consumption	<23W (on) <0.5W (Standby)
Operation Temperature	0°C ~ 40 °C/32°F~104°F
Operating Humidity	20%~85% (No Condensation)
Storage Temperature	-10°C ~50°C/14°F~122°F
Storage Humidity	10%~90% (No Condensation)
Dimension (W×H×D)	541.43mm × 407.27 mm × 210.00mm (WithPedestal)
Package (W×H×D)	602mm × 394mm × 111mm
Weight	Net Weight: 3.3Kg Gross Weight: 4.2Kg
Accessory	
Standard	HDMI Cable, Adapter, Pedestal, Quick Guide
Optional	Hanging Bracket (Model: HB-4022-A)

22" LED FHD Monitor

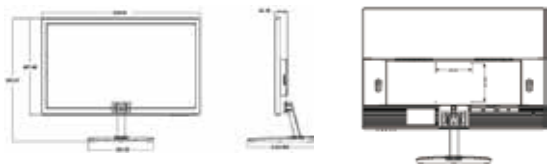
MT-22-V



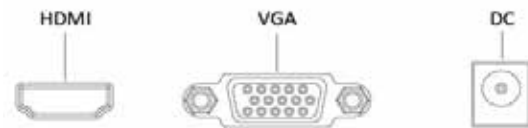
Key Features

- True color display
- Resolution is up to at 1920×1080
- Wide view of field:178°(H)/ 178°(V)
- Specific menu design, which is simple to operate
- Support 7*24 working and lower power consumption
- Adaptively recognize signal
- VESA stand bracket
- Support multiply language

Dimensions



Interfaces



Specifications

Model	MT-22-L
Display	
Display Type:	LED Backlight
Screen Size	21.5 Inch
Pixel Pitch(mm)	0.265(H)× 0.24825(V)
Max Resolution	1920×1080
Brightness (cd/m2)	250
Contrast	4000:1
Response Time (ms)	6.5
Color	16.7M
Viewing Angle	Horizontal 178°, Vertical 178°
Refresh Rate	60Hz
Interface	
VGA	1
HDMI	1
OSD	
Multi-Language	8 (English, France, Spanish, German, Korea, Japanese, Simplified Chinese)
Mounting	
VESA	100mm x 100mm
General	
Power Supply	DC 12V, 2A
Consumption	<23W (on) <0.5W (Standby)
Operation Temperature	0°C ~ 40 °C/32°F ~104°F
Operating Humidity	20%~85% (No Condensation)
Storage Temperature	-10°C ~ 50°C/14°F ~122°F
Storage Humidity	0%~90% (No Condensation)
Dimension (W×H×D)	508.02mm × 393.87mm × 210.00mm (WithPedestal)
Package(W×H×D)	570mm × 395mm × 118mm
Weight	Net Weight: 2.51Kg Gross Weight: 3.3Kg
Accessory	
Standard	HDMI Cable, Adapter, Pedestal, Quick Guide
Optional	Hanging Bracket (Model: HB-4022-A)

6-Port PoE Switch

SW-2106-LP



Introduction

SW-2106-LP provides the seamless network connection. The PoE ports (Port1~4) can automatically detect and supply power with those IEEE 802.3 af/at compliant Powered Devices (PD). The electrical power is transmitted along with data in one single cable allowing you to expand your network where there are no power lines or outlets, where you wish to fix devices such as AP, IP Cameras or IP Phones, etc.

It is easy to install and it doesn't need configuration. With outstanding performance and quality, the 6-port 10/100Mbps desktop PoE switch is an ideal choice for expanding your home or office network.

Key Features

- Multiple working modes to address your business needs:Normal, Secure and Surveillance
- Support port traffic control
- Support for secure mode, all downlink ports can communicate only with uplink ports
- Up to 250m transmission distance on surveillance mode
- Support buffer optimization
- All metal housing, safe and reliable

Specifications

Model	SW-2106-LP
Ports	6×100Mbps network ports (RJ45), including 4 PoE ports
Standards	IEEE802.3,IEEE802.3u,IEEE802.3az,IEEE802.3x,IEEE802.3af,IEEE802.3at
Switching capacity	1.2Gbps
Forwarding performance	0.90Mpps
Packet Buffer	448Kbit
MAC	1K
Dimensions (W×D×H)	108*100*25.5mm
Weight	0.19KG
Power supply	DC: 48/51V
PoE	802.3at/af (4/5+, 7/8-)
Prior Ports	1~2
Max. PoE Power	Max capacity: 60W
Cooling Fans	0
Operating temperature	0°C-40°C (32°F-104°F)
Operating humidity	10%～90% (noncondensing)
Storage humidity	5%～90% (noncondensing)
Indicator	POWER: Steady on: AC input is normal Off: No AC input No PoE Indicator PoE-MAX: off : The POE power supply power of the whole machine is less than 80% of the specification Steady on : The POE power supply power of the whole machine is greater than 85% of the specification LINK/ACT: Off: No link Steady on: Linked Flashing: Transmitting data
Working Mode	Default: All ports can communicate with each other. EXTEND: Transmission distance up to 250 meters.

10-Port PoE Switch

SW-2110-LP



Introduction

SW-2110-LP provides the seamless network connection. The PoE ports (Port1~8) can automatically detect and supply power with those IEEE 802.3 af/at compliant Powered Devices (PD). The electrical power is transmitted along with data in one single cable allowing you to expand your network where there are no power lines or outlets, where you wish to fix devices such as AP, IP Cameras or IP Phones, etc.

It is easy to install and it doesn't need configuration. With outstanding performance and quality, the 8-port 10/100Mbps desktop PoE switch is an ideal choice for expanding your home or office network.

Key Features

- Multiple working modes to address your business needs:Normal, Secure and Surveillance
- Support port traffic control
- Support for secure mode, all downlink ports can communicate only with uplink ports
- Up to 250m transmission distance on surveillance mode
- Support buffer optimization
- All metal housing, safe and reliable

Specifications

Model	SW-2110-LP
Ports	10×100Mbps network ports (RJ45), including 8 PoE ports
Standards	IEEE802.3,IEEE802.3u,IEEE802.3az,IEEE802.3x,IEEE802.3af,IEEE802.3at
Switching capacity	2Gbps
Forwarding performance	1.49Mpps
Packet Buffer	448kbit
MAC	1K
Dimensions (W×D×H)	171*101*25.5mm
Weight	0.29KG
Power supply	DC: 48/51V
PoE	802.3at/af (4/5+, 7/8-)
Prior Ports	1~2
Max. PoE Power	Max capacity:60W
Cooling Fans	0
Operating temperature	0°C-40°C (32°F-104°F)
Operating humidity	10%～90% (noncondensing)
Storage humidity	5%～90% (noncondensing)
Indicator	POWER: Steady on: AC input is normal Off: No AC input" No PoE Indicator PoE-MAX: off : The POE power supply power of the whole machine is less than 80% of the specification Steady on : The POE power supply power of the whole machine is greater than 86% of the specification LINK/ACT: Off: No link Steady on: Linked Flashing: Transmitting data
Working Mode	Default: All ports can communicate with each other. EXTEND: Transmission distance up to 251 meters.

6-Port PoE Switch

SW-2218-LP



Introduction

SW-2218-LP provides the seamless network connection. The PoE ports (Port1~16) can automatically detect and supply power with those IEEE 802.3 af/at compliant Powered Devices (PD). The electrical power is transmitted along with data in one single cable allowing you to expand your network where there are no power lines or outlets, where you wish to fix devices such as AP, IP Cameras or IP Phones, etc.

It is easy to install and it doesn't need configuration. With outstanding performance and quality, the 16-port 10/100Mbps desktop PoE switch is an ideal choice for expanding your home or office network.

Key Features

- Multiple working modes to address your business needs:Normal, Secure and Surveillance
- Support port traffic control
- Support for secure mode, all downlink ports can communicate only with uplink ports
- Up to 250m transmission distance on surveillance mode
- Support buffer optimization
- All metal housing, safe and reliable

Specifications

Model	SW-2218-LP
Ports	16×100Mbps PoE ports (RJ45)+ 1×1000Mbps GigaEthernet ports +1×1000Mbps Combo ports
Standards	IEEE802.3,IEEE802.3u,IEEE802.3z,IEEE802.3ab,IEEE802.3x,IEEE802.3af,IEEE802.3at,IEEE802.3az
Switching capacity	7.2Gbps
Forwarding performance	5.36Mpps
Packet Buffer	4M bit
MAC	16K
Dimensions (W×D×H)	440*189.8*44mm
Weight	1.99KG
Power supply	AC: 100-240V, 50/60Hz
PoE	802.3at/af (4/5+, 7/8-)
Prior Ports	1~8
Max. PoE Power	Max capacity: 135W
Cooling Fans	0
Operating temperature	0°C-40°C (32°F-104°F)
Operating humidity	10%～90% (noncondensing)
Storage humidity	5%～90% (noncondensing)
Indicator	POWER: Steady on: AC input is normal Off: No AC input PoE: Off: No PoE power supply Steady on: PoE power supply is normal PoE-MAX: off : The POE power supply power of the whole machine is less than 80% of the specification Steady on : The POE power supply power of the whole machine is greater than 87% of the specification LINK/ACT: Off: No link Steady on: Linked Flashing: Transmitting data
Working Mode	Default: All ports can communicate with each other. VLAN : Downlink ports can communicate only with uplink ports. Enabling PD keepalive function, the switch will restart the IPC via PoE power when the IPC sends no message in a period of time. Extend: Transmission distance up to 250 meters. Downlink "

10-Port PoE Switch

SW-2226-LP



Introduction

SW-2226-LP provides the seamless network connection. The PoE ports (Port1~24) can automatically detect and supply power with those IEEE 802.3 af/at compliant Powered Devices (PD). The electrical power is transmitted along with data in one single cable allowing you to expand your network where there are no power lines or outlets, where you wish to fix devices such as AP, IP Cameras or IP Phones, etc.

It is easy to install and it doesn't need configuration. With outstanding performance and quality, the 24-port 10/100Mbps desktop PoE switch is an ideal choice for expanding your home or office network.

Key Features

- Multiple working modes to address your business needs:Normal, Secure and Surveillance
- Support port traffic control
- Support for secure mode, all downlink ports can communicate only with uplink ports
- Up to 250m transmission distance on surveillance mode
- Support buffer optimization
- All metal housing, safe and reliable

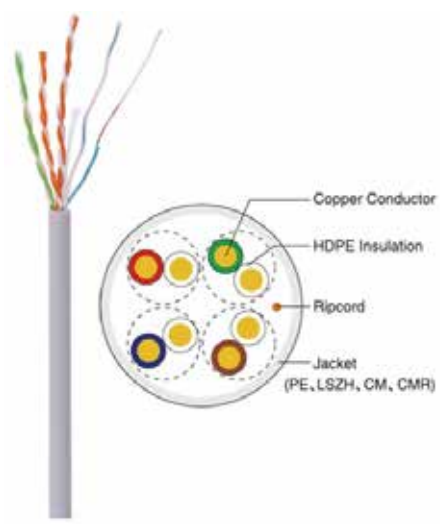
Specifications

Model	SW-2218-LP
Ports	24×100Mbps PoE ports (RJ45) + 1×1000Mbps GigaEthernet ports +1×1000Mbps Combo ports
Standards	IEEE802.3,IEEE802.3u,IEEE802.3z,IEEE802.3ab,IEEE802.3x,IEEE802.3af,IEEE802.3at,IEEE802.3az
Switching capacity	8.8Gbps
Forwarding performance	6.55Mpps
Packet Buffer	4Mbit
MAC	16K
Dimensions (W×D×H)	440*189.8*44mm
Weight	2.15KG
Power supply	AC: 100-240V, 50/60Hz
PoE	802.3at/af (4/5+, 7/8-)
Prior Ports	1~8
Max. PoE Power	Max capacity: 225W
Cooling Fans	0
Operating temperature	0°C-40°C (32°F-104°F)
Operating humidity	10%～90% (noncondensing)
Storage humidity	5%～90% (noncondensing)
Indicator	POWER: Steady on: AC input is normal Off: No AC input" PoE: Off: No PoE power supply Steady on: PoE power supply is normal" PoE-MAX: off : The POE power supply power of the whole machine is less than 80% of the specification Steady on : The POE power supply power of the whole machine is greater than 88% of the specification LINK/ACT: Off: No link Steady on: Linked Flashing: Transmitting data
Working Mode	Default: All ports can communicate with each other. VLAN : Downlink ports can communicate only with uplink ports. Enabling PD keepalive function, the switch will restart the IPC via PoE power when the IPC sends no message in a period of time. Extend: Transmission distance up to 250 meters. Downlink

Network Cable

UTP Category 5E Cables

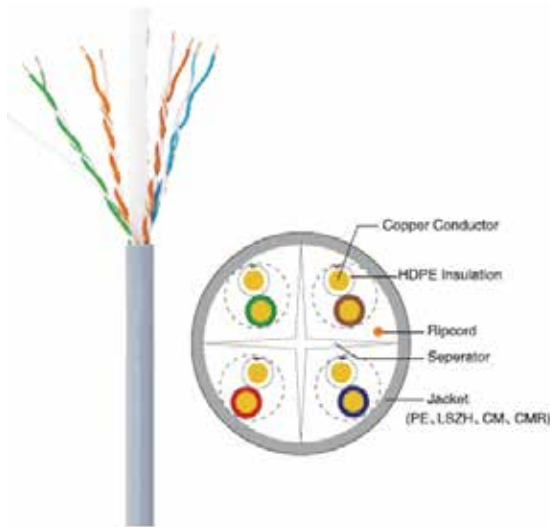
Specifications

Content of Data Sheet								
Product model	CAB-5E-A/CAB-5E-B							
Product specification	HSYV-5e 4×2×0.50							
Test Standard	YD/T1019-2013							
Conductor	Material	Solid-Bare Copper						
	AWG	24						
	Nom.O.D.(mm)	0.5±0.01 mm						
	DC resistance	≤95 Ω/km						
Insulation	Material	HDPE						
	Thickness	0.2±0.02 mm						
	Diameter	0.9±0.05 mm						
	Color	Blue/White- Blue					Green/White-Green	
		Orange/White-Orange	Brown/White-Brown					
Pitch	Offset pitch	≤25 mm		Electrical Characteristics:				
	Cable pitch	≤140 mm						
Sheath	Material	PVC(complies RoHS/REACH)		Frequency	Characteristic impedance	RL	ATT	NEXT
	External O.D.	5.1±0.3 mm		MHz	ohm	≥dB/100m	≤dB/100m	≥dB/100m
	Color	Gray(RAL7046)		1	100±15	20.0	2.0	65.3
Surface Printing	Tensile strength	>13.5 Mpa		4	100±15	23.0	4.1	56.3
	Thickness	0.55±0.05 mm		10	100±15	25.0	6.5	50.3
				16	100±15	25.0	8.2	47.3
Packing	Letter height	3.0±0.3 mm		20	100±15	25.0	9.3	45.8
	Color	Black		31.25	100±15	23.6	11.6	42.9
	Print error & Space	1±0.005 m		62.5	100±15	21.5	17.0	38.4
	Case number	Yes		100	100±15	20.1	22.0	35.3
Packing length	Packing	Carton		Frequency	FEXT	PS NEXT	PS FEXT	Phase delay
Rip-cord	Once packing dimension	350mm*216mm*350mm		MHz	≥dB/100m	≥dB/100m	≥dB/100m	≤ns/100m
Ambient temperature	Twice packing dimension	370mm*460mm*370mm		1	63.8	62.3	60.8	570.0
	Twice packing quantity	2 cases		4	51.7	53.3	48.7	552.0
				10	43.8	47.3	40.8	545.4
	305±1 m		16	39.7	44.2	36.7	543.0	
	Yes		20	37.7	42.8	34.7	542.0	
	-20℃～60℃		31.25	33.9	39.9	30.9	540.4	
			62.5	27.8	35.4	24.8	538.6	
			100	23.8	32.3	20.8	537.4	

Network Cable

UTP Category 6 Cables

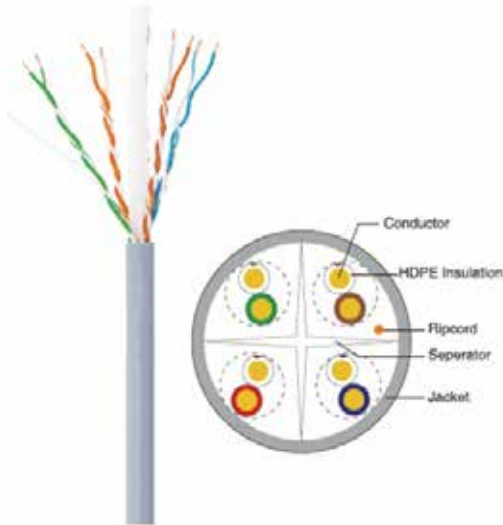
Specifications

Content of Data Sheet						
Product model	CAB-6-AE/CAB-6-BE					
Product specification	HSYV-6 4×2×0.52					
Test Standard	ISO/IEC11801、TIA-568-C.2、YD/T1019					
Conductor	Material	Solid-Bare Copper				
	AWG	24				
	Nom.O.D.(mm)	0.52±0.03 mm				
	DC resistance	≤95 Ω/km				
Insulation	Material	HDPE				
	Thickness	0.2±0.02 mm				
	Diameter	0.93±0.05 mm				
	Color	Blue/White- Blue	Green/White-Green			
		Orange/White-Orange	Brown/White-Brown			
Pitch	Offset pitch	≤20 mm				
	Cable pitch	≤120 mm				
Sheath	Material	PVC(complies RoHS/REACH)				
	External O.D.	5.8±0.3 mm				
Surface Printing	Color	Orange				
	Tensile strength	>13.5 Mpa				
	Thickness	0.6±0.05 mm				
Packing	Letter height	3.0±0.3 mm				
	Color	Black				
	Print error & Space	1±0.005 m				
	Case number	Yes				
Packing length	Packing	Carton				
Rip-cord	Once packing dimension	420mm*205mm*420mm				
Ambient temperature	Twice packing dimension	450mm*440mm*445mm				
	Twice packing quantity	2 cases				
	305±1 m					
	Yes	Crossing backbone	Yes			
	-20℃～60℃					

Network Cable

UTP Category 6 Cables CCA

Specifications

Content of Data Sheet				
Product model	CAB-6-CCA			
Product specification	HSYV-6 4×2×0.585			
Conductor	Material	CCA(Copper content:27%)		
	AWG	23		
	Nom.O.D.(mm)	0.585±0.05 mm		
	DC resistance	<12Ω/100m		
	Material	HDPE		
Insulation	Thickness	0.2±0.02 mm		
	Diameter	1.05±0.05 mm		
	Color	Blue/White- Blue	Green/White-Green	
	Offset pitch	Orange/White-Orange	Brown/White-Brown	
	Cable pitch	≤20 mm		
Pitch	Material	≤120 mm		
	External O.D.	PVC		
Sheath	Color	6.2±0.3 mm		
Surface Printing	Tensile strength	White		
	Thickness	>13.5 Mpa		
	Letter height	0.5±0.05 mm		
	Color	3.0±0.3 mm		
Packing	Print error & Space	Black		
	Case number	1±0.005 m		
	Packing	Yes		
	Packing length	Once packing dimension	Carton	
Rip-cord	Twice packing dimension	310mm*310mm*190mm		
Ambient temperature	Twice packing quantity	400mm*330mm*330mm		
	100±1m	2		
	Yes			
	-20 ℃ ~60 ℃	Crossing backbone	Yes	

