

# 2MP HD VF Bullet Network Camera

IPC-B312-APKZ



## Key Features



- High quality image with 2MP,1/2.7" CMOS sensor
- 2MP(1920\*1080)@25fps;720P (1280\*720) @25fps
- Ultra 265, H.265, H.264
- 2D/3D DNR (Digital Noise Reduction)
- ROI (Region of Interest)
- ONVIF Conformance
- Smart IR, up to 50m (98ft) IR distance
- IR anti-reflection window to increase the infrared transmittance
- 120dB true WDR technology enables clear image in strong light scene
- Built-in Mic
- Wide temperature range: -40°C ~ 60°C (-40°F ~ 140°F)
- DC12V or PoE(IEEE 802.3af) power supply
- IP67;IK10

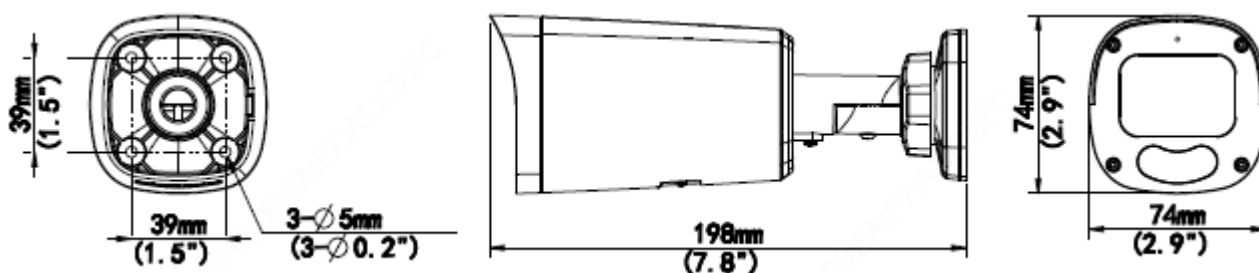
## Specifications

IPC-B312-APKZ					
Camera					
Sensor	1/2.7", 2.0 megapixel, progressive scan, CMOS				
Minimum Illumination	Colour: 0.005Lux (F1.8, AGC ON) 0Lux with IR on				
Day/Night	IR-cut filter with auto switch (ICR)				
Shutter	Auto/Manual, 1 ~ 1/100000s				
Adjustment angle	Pan: 0° ~ 360°	Tilt: 0° ~ 90°		Rotate: 0° ~ 360°	
WDR	120dB				
S/N	>52dB				
Lens					
Lens Type	2.8 ~ 12mm, AF automatic focusing and motorized zoom lens				
Iris	Fixed				
Angle of View (H)	108.05°~ 32.59°				
Angle of View (V)	56.81°~ 18.36°				
Angle of View (O)	111.91°~36.53°				
DORI					
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
Illuminator					
IR Range	Up to 50m (164ft) IR range				
Wavelength	850nm				
IR On/Off Control	Auto/Manual				
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;				
Video Bit Rate	128 Kbps~6 Mbps				
U-code	Support				
OSD	Up to 4 OSDs				
Privacy Mask	Up to 4 areas				
ROI	Up to 8 areas				
Motion Detection	Up to 4 areas				
Video stream	Dual streams				
Image					
White Balance	Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2				
Digital Noise Reduction	2D/3D DNR				
Smart IR	Support				
Flip	Normal/Vertical/Horizontal/180°/90°Clockwise/90°Anti-clockwise				

Dewarping	N/A
HLC	Support
BLC	Support
Defog	Digital Defog
<b>Events</b>	
Basic Detection	Motion detection, Tampering alarm, Audio detection
General Function	Watermark, IP address filtering, Access policy, ARP protection, RTSP authentication, User authentication, HTTP authentication
<b>Audio</b>	
Audio Compression	G.711U, G.711A
Audio Bitrate	64 Kbps
Two-way Audio	N/A
Suppression	Support
Sampling Rate	8KHZ
<b>Storage</b>	
Edge Storage	Micro SD, up to 256 GB
Network Storage	ANR,NAS(NFS)
<b>Network</b>	
Protocols	IPv4, IGMP, ICMP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, SSL, QoS , RTMP, SNMP
Compatible Integration	ONVIF (Profile S, Profile T, Profile G), API
User/Host	Up to 32 users. 2 user levels: administrator and common user
Client	Uniarch Client Uniarch APP
Web Browser	Plug-in required live view: IE 10 and above, Chrome 45 and above, Firefox 52 and above, Edge 79 and above
	Plug-in free live view: Chrome 57.0 and above, Firefox 58.0 and above, Edge 16 and above
<b>Interface</b>	
Audio I/O	N/A
Alarm I/O	N/A
Built-in Mic	Support
Built-in Speaker	N/A
WIFI	N/A
Network	1 * RJ45 10M/100M Base-TX Ethernet
Video Output	N/A
<b>Certifications</b>	
EMC	CE-EMC (EN 55032,EN 61000-3-3,EN IEC 61000-3-2,EN 55035) FCC (FCC 47 CFR part15 B)
Safety	CE LVD (EN 62368-1) CB (IEC 62368-1)
Environment	CE-RoHS (2011/65/EU;(EU)2015/863); WEEE (2012/19/EU)
Protection	Ingression protection: IP67 Vandal resistant: IK10
<b>General</b>	
Power	DC 12V±25%, PoE (IEEE 802.3af)
	Power consumption: Max 7.5W

Dimensions (L × W × H)	198 × 74 × 74mm (7.8" × 2.9" × 2.9")
Weight	0.51kg (1.12lb)
Working Environment	-40°C~60°C(-40°F ~ 140°F), Humidity: ≤95% RH (non-condensing)
Storage Environment	-40°C~60°C(-40°F ~ 140°F), Humidity: ≤95% RH (non-condensing)
Surge Protection	6KV
Reset Button	Support

## 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



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\*Product specifications and availability are subject to change without notice.