

2MP HD VF Bullet Network Camera

IPC-B312-APKZ



Features

- High quality image with 2MP, 1/2.7" CMOS sensor
- 2MP (1920*1080) @25 fps; 720P (1280*720) @25 fps
- Ultra 265, H.265, H.264
- 2D/3D DNR (digital noise reduction)
- ROI (region of interest)
- Smart IR, up to 50 m (98.0 ft.) IR distance
- IR anti-reflection window to increase the infrared transmittance
- 120 dB true WDR technology enables clear image in strong light scene
- Built-in mic
- Wide temperature range: -40°C ~ 60°C (-40°F ~ 140°F)
- DC 12 V, PoE (IEEE 802.3af) power supply
- IP 67; IK 10

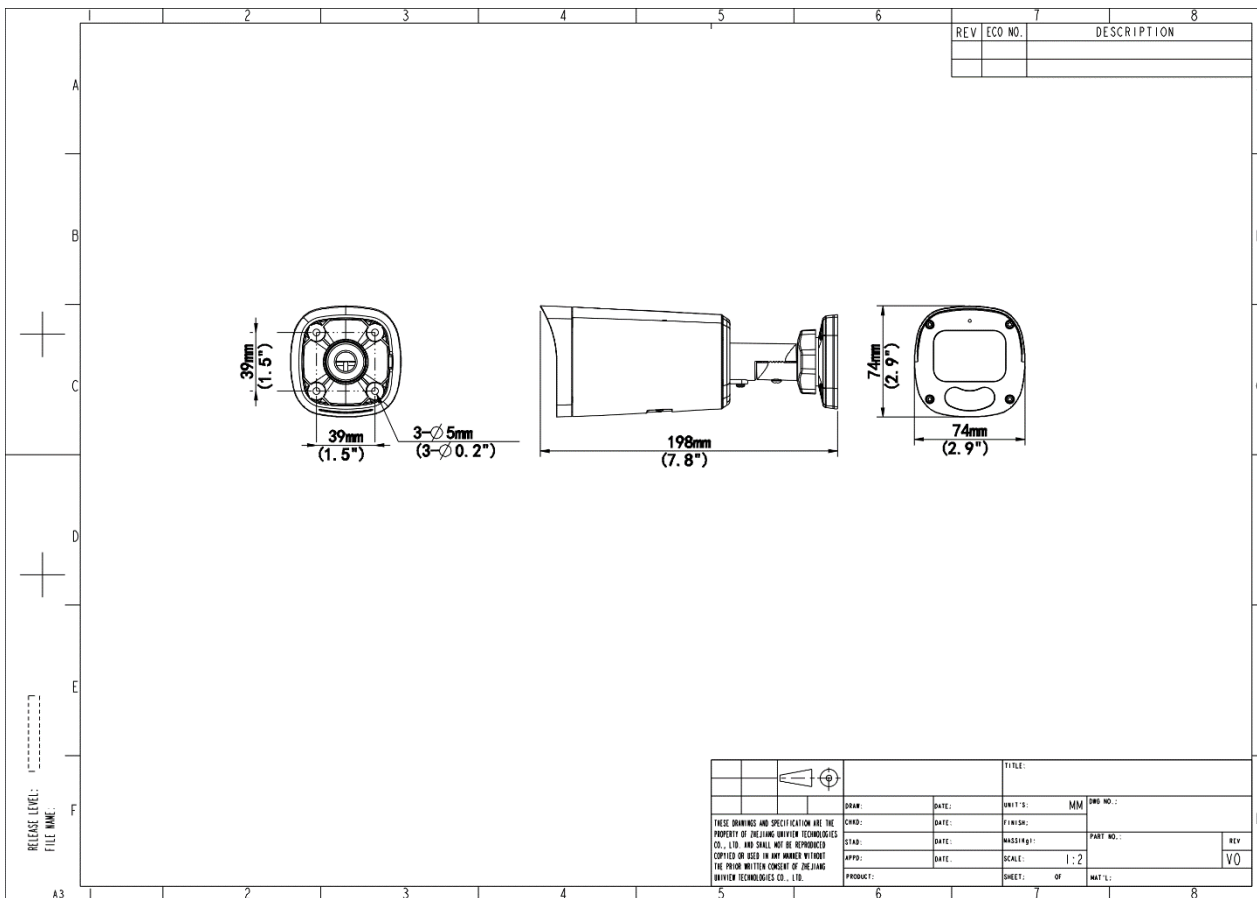
Specifications

Model	IPC-B312-APKZ
Camera	
Sensor	1/2.7", 2.0 megapixel, progressive scan, CMOS
Min. 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° to 360°, Tilt: 0° to 90°, Rotate: 0° to 360°
S/N	>52 dB
WDR	120 dB
Lens	
Focal Length	2.8 ~ 12mm, AF automatic focusing and motorized zoom lens
Iris	Fixed
Field of View (H)	108.05° to 32.59°
Field of View (V)	56.81° to 18.36°
Field of View (D)	111.91° to 36.53°
DORI	
DORI Distance (Lens)	2.8 mm
DORI Distance (Detect)	42.0 m (137.8 ft.)
DORI Distance (Observe)	16.8 m (55.12 ft.)
DORI Distance (Recognize)	8.4 m (27.56 ft.)
DORI Distance (Identify)	4.2 m (13.78 ft.)
DORI Distance (Lens)	12.0 mm
DORI Distance (Detect)	180.0 m (590.55 ft.)
DORI Distance (Observe)	72.0 m (236.22 ft.)
DORI Distance (Recognize)	36.0 m (118.11 ft.)
DORI Distance (Identify)	18.0 m (59.06 ft.)
Illuminator	
Supplemental Light	IR
Illumination Distance (IR)	50 m (164.0 ft.)
Wavelength	850 nm
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, Flip vertical, Flip horizontal, 180°, 90° Clockwise, 90° Anti-clockwise
Dewarping	N/A
HLC	Support
BLC	Support
Defog	Digital defog
Events	
Basic Detection	Motion detection, Tampering alarm, Audio detection
General Function	Watermark, 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	N/A
Suppression	Support
Sampling Rate	8 kHz
Storage	
Edge Storage	MicroSD, up to 256 GB
Network Storage	ANR, NAS (NFS)
Network	
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 G, Profile T), 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+, Chrome 45+, Firefox 52+, Edge 79+, Plug-in free live view: Chrome 57.0 and above, Firefox 58.0 and above, Edge 16 and above
Interface	
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 10 M/100 M Base-TX Ethernet
Video Output	N/A
Certification	

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
General	
Power	DC 12 V±25%, PoE (IEEE 802.3af) Power consumption: Max. 7.5 W
Dimensions	198 mm × 74 mm × 74 mm (7.8" × 2.9" × 2.9") (L × W × H)
Weight	0.51 kg (1.12 lb.)
Material	Metal + Plastic
Storage Environment	-40°C~60°C(-40°F ~ 140°F), Humidity: ≤95% RH (non-condensing)
Working Environment	-40°C~60°C(-40°F ~ 140°F), Humidity: ≤95% RH (non-condensing)
Surge Protection	6 KV
Reset Button	Support

Dimensions



Accessories

TR-JB05-A-IN

Small Bullet Junction Box(Support wiring
from behind,Square)



TR-UP06-B-IN

Bullet Pole Mounting Bracket



TR-UP06-C-IN

Pole Mounting Bracket for Bullet Junction
Box Only



TR-A01-IN

NPT 3/4" Waterproof Cable Gland



TR-UC08-C

Bullet&Dome Corner Mounting Bracket



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