4MP WDR VF IR Dome Network Camera

IPC-D314-ADZK

Features

- High quality image with 4 MP, 1/2.7" CMOS sensor
- 4 MP (2560 × 1440)@25/20 fps; 3 MP (2304 × 1296)@30/25 fps; 1080P (1920 × 1080)@30/25 fps
- Ultra 265, H.265, H.264,MJPEG
- 2D/3D DNR (digital noise reduction)
- Support ultra motion detection(human/ vehicle detection)
- ROI (region of interest) ensures image quality in areas of interest with low bandwidth
- Smart IR, up to 30 m (98.4 ft.) IR distance
- 120 dB true WDR technology enables clear image in strong light scene
- Built-in mic
- Wide temperature range: -30 ℃ to 60 ℃ (-22 ℉ to 140 ℉)
- DC 12 V, PoE (IEEE 802.3af) power supply
- IP67

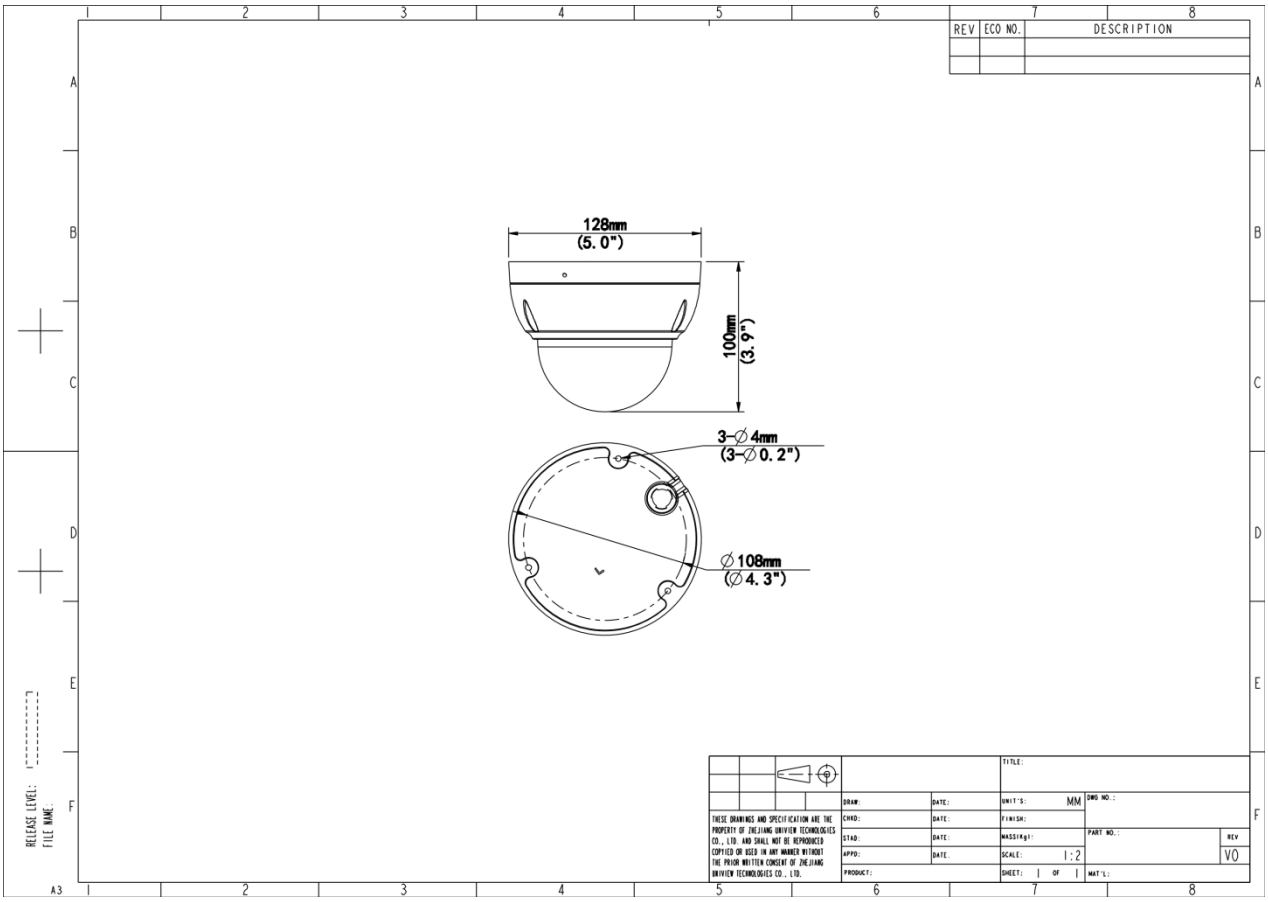
Specifications

Model	IPC-D314-ADZK
Camera	
Max Resolution	4 MP
Sensor	1/2.7" CMOS
Min. Illumination	Color: 0.003 Lux (F1.6, AGC ON), 0 Lux with IR on
Day/Night	IR-cut filter with auto switch (ICR)
Shutter	Auto/Manual, 1 to 1/100000 s
Adjustment Angle	Pan: 3° to 360°, Tilt: 0° to 70°, Rotate: 3° to 360°
S/N	> 52 dB
WDR	120 dB
Lens	
Focal Length	2.8 to 12 mm
Iris	F1.6
Field of View (H)	102.8° to 35.8°
Field of View (V)	55.6° to 20.3°
Field of View (D)	122.0° to 41.2°
Lens Type	Motorized
DORI	
DORI Distance (Lens)	2.8 to 12 mm
DORI Distance (Detect)	42.0 m to 180.0 m (137.8 ft. to 590.6 ft.)
DORI Distance (Observe)	21.0 m to 90.0 m (68.9 ft. to 295.3ft.)
DORI Distance (Recognize)	10.1 m to 43.2 m (33.1 ft. to 141.7 ft.)
DORI Distance (Identify)	6.3 m to 27.0 m (20.7 ft. to 88.6 ft.)
Illuminator	
Supplemental Light	IR
Illumination Distance (IR)	30 m (98.4 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: 4 MP (2560 × 1440), max. 25 fps; 3 MP (2304 × 1296), max. 30 fps; 1080P (1920 × 1080), max. 30 fps;720P (1280 × 720), max. 30 fps; Sub Stream: D1 (720 × 576), max. 30 fps; 640 × 360, max. 30 fps;2CIF (704 × 288), max. 30 fps; CIF (352 × 288), max. 30 fps;
Video Bit Rate	128 Kbps to 6144 Kbps
U-code	Support
OSD	Up to 4 OSDs
Privacy Mask	Up to 4 areas
ROI	Up to 8 areas
Video Stream	Dual streams

Image	
White Balance	Auto, Outdoor, Fine tune, Sodium lamp, Locked, Auto2, Area white balance
Smart IR	Support
Digital Noise Reduction	2D/3D DNR
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	Cross line (based on human body detection), Intrusion (based on human body detection), Motion detection, Ultra motion detection (human/ vehicle 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 512 GB
Network Storage	ANR, NAS (NFS)
Network	
Protocols	IPv4, IPv6, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, RTMP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, SSL/TLS, QoS, SNMP
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), SDK, API
User/Host	Up to 32 users. 3 user levels: administrator, common user and operator
Client	Uniarch client, Uniarch Care
Web Browser	Plug-in required live view: IE 10+, Chrome 45+, Firefox 52+, Edge 79+, Plug-in free live view: Chrome 57+, Firefox 58+, Edge 16+
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)
Environment	CE-RoHS (2011/65/EU ; (EU) 2015/863) ; WEEE (2012/19/EU)
Protection	IP67 (IEC 60529) IK10 (IEC 62262)
General	
Power	DC 12 V±25%, PoE (IEEE 802.3af) Power consumption: Max. 8.0 W
Power Interface	Ø5.5 mm coaxial power plug
Dimensions	Ø128 mm × 100 mm (Ø5.0" × 3.9") (Ø × H)
Weight	0.66 kg (1.46 lb.)
Material	Metal + Plastic
Storage Environment	-30 ℃ to 60 ℃ (-22 ℉ to 140 ℉), Humidity: ≤ 95% RH (non-condensing)
Working Environment	-30 ℃ to 60 ℃ (-22 ℉ to 140 ℉), Humidity: ≤ 95% RH (non-condensing)
Surge Protection	4 KV
Reset Button	Support

Dimensions



Accessories

TR-JB03-H-IN-V2 Junction Box for Metal Turret Camera(Support wiring from behind)	**TR-JB07/WM03-F-IN-V2** Wall Mounting Assembling Bracket with Back Hole for 3 Inch Hemisphere	**TR-WM03-B-IN-V2** Wall Mounting Assembling Bracket for 3 Inch Hemisphere
TR-A01-IN NPT 3/4'' Waterproof Cable Gland	**HS-207S** Sunshade Shell for Zoom Dome	**TR-UP06-C-IN-V2** Pole Mounting Bracket for Bullet Junction Box Only
TR-UC08-C-V2 Bullet&Dome Corner Mounting Bracket	**TR-CM24-IN** Dome Pendent Mounting Bracket(Indoor)	**TR-SE24-A-IN** Dome Pendent Mounting Pole 500mm
TR-SE24-IN Dome Pendent Mounting Pole 200mm		

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