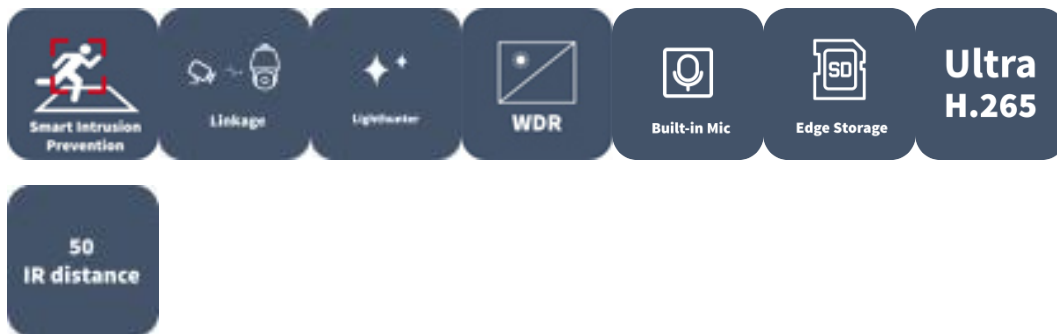


2MP+2MP LightHunter Dual-lens Network PTZ Camera

IPC9312LFW-AF28-2X4



Features

- Fixed camera and PTZ camera integration, dual channels with one IP, look at overall situation and consider details at the same time
- High quality image with 2MP, 1/2.8" CMOS sensor
- 1920*1080@25fps in the main stream
- Ultra 265, H.265, H.264, MJPEG
- 4X optical zoom of PTZ channel allows for closer viewing of subjects
- Smart intrusion prevention, support false alarm filtering, include Cross Line, Intrusion, Enter Area, Leave Area detection
- PTZ channel can be linked by fixed channel' smart intrusion prevention to track the objects triggering the rule
- Lighthunter technology ensures ultra-high image quality in low illumination environment
- Up to 120 dB Optical WDR (Wide Dynamic Range)
- Built-in 2*mic & high-power speaker, support two-way audio, has better sound performance

- Support ceiling mount and wall mount
- IR & warm light illumination to deal with different scenes and achieve full-color illumination
- DC12V or PoE+(IEEE 802.3at) power supply

Specifications

Camera	Description
Sensor-Panorama	1/2.8" CMOS
Min. Illumination-Panorama	Color:0.002 lux (F1.6, AGC ON) 0 lux with IR
Day/Night-Panorama	IR-cut filter with auto switch (ICR)
Sensor-Detail	1/2.8" CMOS
Min. Illumination-Detail	Color:0.002 lux (F1.6, AGC ON) 0 lux with IR/Warm light
Day/Night—Detail	IR-cut filter with auto switch (ICR)
WDR-Panorama	120dB
WDR-Detail	DWDR
Shutter	Auto/Manual, 1 ~ 1/100000s
S/N	>52dB
Lens	Description
Lens Type—Panorama	2.8 mm
Optical Zoom—Panorama	N/A
Iris—Panorama	F1.6
Field of View (H)—Panorama	102.4°
Field of View (V)—Panorama	54.9°
Field of View (D)—Panorama	133.1°
Lens Type-Detail	2.8 ~ 12 mm
Optical Zoom—Detail	4X
Iris—Detail	F1.6
Field of View (H)—Detail	106.6° ~ 30.6°
Field of View (V)—Detail	56.5° ~ 17.4°
Field of View (D)—Detail	138.6° ~ 37.6°

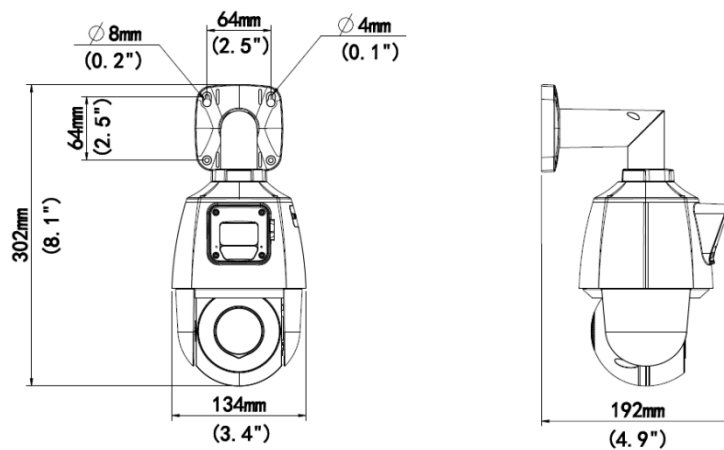
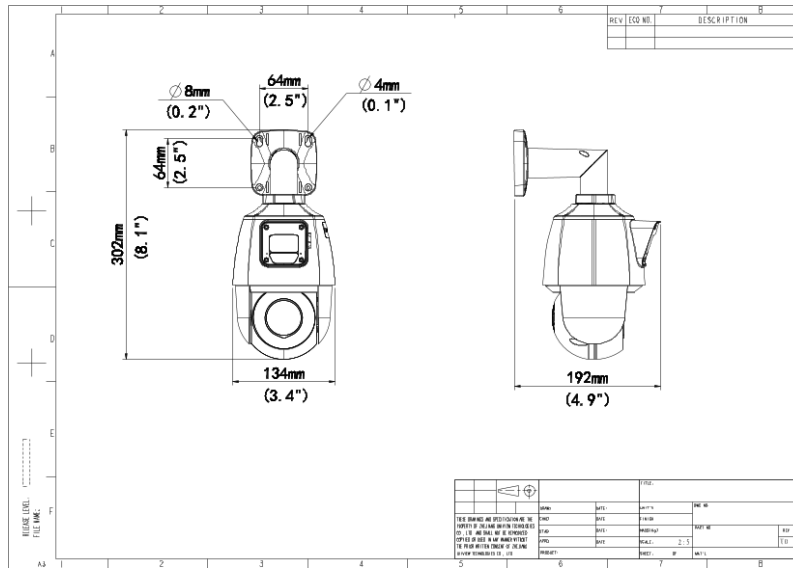
DORI	Description
DORI Distance (Lens) — Panorama	2.8mm
DORI Distance (Detect) — Panorama	43.4m(142.5ft)
DORI Distance (Observe) — Panorama	17.4m(57.0ft)
DORI Distance (Recognize) — Panorama	8.7m(28.5ft)
DORI Distance (Identify) — Panorama	4.3m(14.3ft)
DORI Distance (Lens) —Detail	2.8~12(mm)
DORI Distance (Detect) — Detail	43.4m~162.9m(142.5ft~534.6ft)
DORI Distance (Observe) — Detail	17.4m~65.2m(57.0ft~213.8ft)
DORI Distance (Recognize) — Detail	8.7m~32.6m(28.5ft~106.9ft)
DORI Distance (Identify) — Detail	4.3m~16.3m(14.3ft~53.5ft)
Illuminator	Description
IR Range—Panorama	10m
Warm Light Range—Panorama	N/A
Wavelength—Panorama	850 nm
IR Range—Detail	50m
Warm Light Range—Detail	10m
Wavelength—Detail	850 nm
Light On/Off Control	Auto/Manual
Video	Description
Privacy Mask—Panorama	24 areas, up to 4 areas per scene
Privacy Mask—Detail	24 areas, up to 4 areas per scene
Video Compression	Ultra 265; H.265; H.264; MJPEG
Frame Rate	Main Stream: 2MP(1920*1080),Max 25fps Sub Stream: 720P (1280*720), Max 25fps

Video Bit Rate	128 Kbps ~ 16 Mbps
U-code	Support (Main stream)
ROI	Up to 8 areas
Video Stream	Dual Streams
OSD	Up to 4 OSDs
Image	Description
Defog	Digital Defog
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°
HLC	Support
BLC	Support
Heatwave Reduction	N/A
Intelligent	Description
Linkage Function—Panorama	Support. Triggered by fixed lens via smart intrusion prevention function to track target
Smart Intrusion Prevention	Support False Alarm Filtering: Cross Line Detection, Intrusion Detection, Enter Area Detection, Leave Area Detection
Events	Description
Basic Detection	Motion Detection; Audio Detection
General Function	Watermark; IP Address Filtering; Access Policy; ARP Protection; RTSP Authentication; User Authentication
Audio	Description
Audio Compression	G.711U; G.711A
Audio Bitrate	128 Kbps
Two-way Audio	Support
Suppression	Support
Sampling Rate	16KHZ
Storage	Description
Edge Storage	Micro SD, up to 512 GB
Network Storage	ANR; NAS (NFS)
Network	Description

Protocols	SSH; IGMP; RTP; RTCP; SMTP; IPv4; IPv6; ICMP; ARP; TCP; UDP; DHCP; PPPoE; RTSP; RTMP; DNS; DDNS; NTP; FTP; UPnP; HTTP; HTTPS; 802.1x; SNMP; QoS; SSL/TLS
Compatible Integration	ONVIF (Profile S, Profile G); API; SDK
User/Host	Up to 32 users. 3 user levels: administrator, common user and operator
Security	TLS1.3; Password Protection; Strong Password; HTTPS Encryption; Export Operation Logs; Basic and Digest Authentication for RTSP; Digest Authentication for HTTP; TLS 1.2; WSSE and Digest Authentication for ONVIF
Client	EZStation; EZLive; EZView
Web Browser	Plug-in required live view: IE 10 and above, Chrome 45 and above, Firefox 52 and above, Edge 79 and above
PTZ	Description
Pan Range—Panorama	N/A
Pan Speed—Panorama	N/A
Tilt Range—Panorama	18° ± 5°
Tilt Speed—Panorama	N/A
Pan Range—Detail	0° ~ 345°
Pan Speed—Detail	1°/s ~ 40°/s
Tilt Range—Detail	-10° ~ 100°
Tilt Speed—Detail	1°/s ~ 50°/s
Number of Presets	256
Preset Patrol	16 patrols, up to 64 presets for each patrol
Patrol Stay Time	1000s ~ 1800s
Preset Image Freeze	N/A
Home Position	Support
Interface	Description
Audio I/O	N/A
Alarm I/O	N/A
Serial Port	N/A
Built-in Mic	Built-in two mics
Built-in Speaker	Support
WIFI	N/A
Network	1 x RJ45 10M/100M Base-TX Ethernet

Video Output	N/A
Certification	Description
EMC	CE-EMC (EN55032:2015; EN55024:2010+A1:2015; EN61000-3-2:2014; EN61000-3-3:2013) FCC (FCC CFR 47 part15 B, ANSI C63.4-2014)
Safety	CE LVD (EN 62368-1:2014+A11:2017; EN 62368-1:2014) UL (UL 62368-1, 2nd Ed., Issue Date: 2014-12-01)
Environment	CE-ROHS (2011/65/EU)
Protection	IP66 (IEC 60529:1989+AMD1:1999+AMD2:2013)
General	Description
Power	DC12V, PoE+(IEEE 802.3at)
Power Consumption	MAX 16W
Power Interface	Ø 5.5mm coaxial power plug
Dimensions	Wall Mount: Ø 134 x 192 x 302mm(Ø 5.3" x 7.6" x 11.9") Ceiling Mount: Ø 134 x 154 x 363mm(Ø 5.3" x 6.1" x 14.3")
Weight	1.03kg (2.27lb)
Working Environment	-20 °C ~ 60 °C (-4 °F ~ 140 °F), Humidity: ≤95% RH (non-condensing)
Storage Environment	-30 °C ~ 70 °C (-22 °F ~ 158 °F), Humidity: ≤95% RH (non-condensing)
Surge Protection	2KV
Reset Button	Support
Web Client Language	22 Languages Traditional Chinese, English, Simplified Chinese, Polish, German, Russian, French, Korean, Dutch, Czech, Portuguese (Europe), Portuguese (Brazil), Japanese, Thai, Turkish, Spanish (Latin America), Spanish (Europe), Hungarian, Italian, Vietnamese, Arabic, Slovak

Dimensions



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