

## 2\*2MP Lighthunter Dual-lens Network PTZ camera

### IPC9312LFW-AF28-2X4



### **Key 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

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# **Specifications**

Sensor		IPC9312LFW-AF28-2X4						
Color-0.002   Iux (Pi.6, AGC ON)   Olux with IR	Camera	Panorama			Detail			
Min. Illinitiation   Quix with IR   CRI   Security   Recursifier with auto substitution   CRI   Security   Se	Sensor	1/2.8", 2MP, CMOS						
Name	Min Illumination	Color:0.002 lux (F1.6, AGC ON)			Color:0.002 lux (F1.6, AGC ON)			
Shitter         Auto/Manual, 1°1/1000/05           WDRA         3268         Shitter	TVIII. IIIdiiiiddoii	0 lux with IR			0 lux with IR/Warm light			
More No. 1928           Seal Seal Seal Seal Seal Seal Seal Seal	Day/Night	IR-cut filter with auto sw	ritch (ICR)					
Syn Name Fi.6         SemmeFi.6	Shutter	Auto/Manual, 1 ~ 1/100	000s					
Lens type         2.8mm@F1.6         3.8"12mm@F1.6         AF automic focusing and motorized zoom lens           Optical Zoom         N/A         4 X           Insign of Niew (H)         102.4"         4 X           Field of View (H)         102.4"         106.5" > 17.4" > 1	WDR	120dB			DWDR			
Remeit 16         Reference to the standard of the st	S/N	> 52dB						
Canting type   Canting Part   Canting and motorized zoom lens	Lens	I .						
Field of View (H)   102.4"   106.6"	Lens type	2.8mm@F1.6						
Field of View (H)         106.6° → Use The Section of View (N)         54.9°         56.5° → TJ → TS	Optical Zoom	N/A			4X			
Field of View (V)         54.9°         Ses** 1.4**	Iris	Fixed aperture						
Field of View (D)	Field of View (H)	102.4°			106.6° ~ 30.6°			
DORI           Lens (mm)         Detect (m)         Observe → Recognize (m)         Identify (m)           2.8(Panorama)         43.4(142.5ft)         17.4(57.0 + T)         8.7(28.5ft)         4.3(14.3ft)           2.8(Detail)         43.4(142.5ft)         17.4(57.0 + T)         8.7(28.5ft)         4.3(14.3ft)           12(Detail)         162.9(534.6ft)         55.2(213. + T)         8.7(28.5ft)         4.3(14.3ft)           Illuminator           Warm Light Range         MyA         Up to 10m (32.8 ft)	Field of View (V)	54.9°			56.5° ~ 17.4°			
Lens (mm)   Detect (m)   Observe   Mecognize (m)   Identify (m)	Field of View (D)	133.1°			138.6° ~ 37.6°			
DORI Distance       2.8(Panorama)       43.4(142.5ft)       17.4(57.0+)       8.7(28.5ft)       4.3(14.3ft)         2.8(Detail)       43.4(142.5ft)       17.4(57.0+)       8.7(28.5ft)       4.3(14.3ft)         Illuminator         IR Range       Up to 10m (32.8 ft)       Up to 50m (164.0 ft)         Wavelength       850nm (IR)         Uight On/Off Control       Auto/Manual         Video         Video Compression       Ultra 265, H.264, MJPEG         Wain Stream: 1080P (1920*1080),Max 25fps         Sub Stream: 720P (1280*720), Max 25fps         Video Stream: 720P (1280*720), Max 25fps         Vi	DORI							
DORI Distance         2.8 (Detail)         43.4 (142.5 ft)         17.4 (57.0 ft)         8.7 (28.5 ft)         4.3 (14.3 ft)           Illuminator           IR Range         Up to 10m (32.8 ft)         Up to 50m (164.0 ft)         Up to 10m (32.8 ft)		Lens (mm)	Detect (m)	Observe (m	1)	Recognize (m)	Identify (m)	
2.8(Detail)   43.4(142.5ft)   17.4(57.0ft)   8.7(28.5ft)   4.3(14.3ft)   10.2(13.8ft)   10.2(13.8ft)   10.3(13.5ft)   10.3(153.5ft)   10.3(1		2.8(Panorama)	43.4(142.5ft)	17.4(57.0ft	)	8.7(28.5ft)	4.3(14.3ft)	
IR Range Up to 10m (32.8 ft) Up to 50m (164.0 ft)  Warm Light Range N/A Up to 10m (32.8 ft)  Wavelength 850nm (IR)  Light On/Off Control Auto/Manual  Video  Video Compression Ultra 265, H.265, H.264, MIPEG  Frame Rate Main Stream: 1080P (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  Privacy Mask 24 areas, up to 4 areas per scene  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*  HLC Support	DORI Distance	2.8(Detail)	43.4(142.5ft)	17.4(57.0ft	)	8.7(28.5ft)	4.3(14.3ft)	
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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°       HLC     Support	OSD	Up to 4 OSDs						
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Digital noise reduction 2D/3D DNR  Smart IR Support  Flip Normal/Flip Vertical/Flip Horizontal/180°  HLC Support								
Smart IR Support  Flip Normal/Flip Vertical/Flip Horizontal/180°  HLC Support	White Balance	Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2						
Flip Normal/Flip Vertical/Flip Horizontal/180° HLC Support	Digital noise reduction	2D/3D DNR	2D/3D DNR					
HLC Support	Smart IR	Support						
	Flip	Normal/Flip Vertical/Flip	Horizontal/180°					
BLC Support	HLC	Support						
ουρμοιτ	BLC	Support						



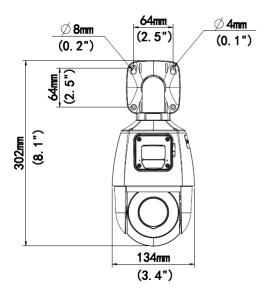
# DATASHEET

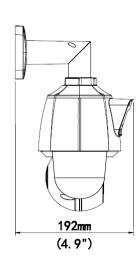
Defog	Digital defog					
Intelligent	Digital delog					
Smart Intrusion Prevention	Support false alarm filtering: Cross line detection, Intrusion detection, Enter area detection, Leave area detection					
Linkage Function	Support, Triggered by fixed lens via smart intrusion prevention function to track target					
Events						
Basic Detection	Audio detection					
General Function	Watermark, IP Address Filtering, Access Policy, ARP Protection,	RTSP Authentication, User Authentication				
Audio						
Audio Compression	G.711U, G.711A					
Audio Bitrate	64 Kbps					
Two-way Audio	Support					
Suppression	Support					
Sampling Rate	8 kHz					
Storage						
Edge Storage	Micro SD, up to 256 GB					
Network Storage	ANR,NAS(NFS)					
Network	etwork					
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS, RTMP, SSL/TLS					
Compatible Integration	ONVIF (Profile S, Profile G), API, SDK					
User/Host	Up to 32 users. 3 user levels: administrator, operator and common user					
Security	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					
Pan & Tilt						
Pan Range	N/A	0° ~ 345°				
	N/A	1°/s ~ 40°/s				
Pan Speed	Preset speed: N/A	Preset speed: 40°/s				
Tilt Range	18° ± 5°	-10° ~ 100°				
The hange	N/A	1°/s ~ 50°/s				
Tilt Speed	Preset speed: N/A	Preset speed: 50°/s				
Number of Presets	256					
Preset Patrol						
	16 patrol routes, up to 64 presets for each route					
Patrol Stay Time	1000s~1800s					
Preset Image Freeze	N/A					
Home Position Interface	Support					
Audio I/O	N/A					
Alarm I/O	N/A					
Serial Port	N/A					
Built-in Mic	Support (Mic*2)					
Built-in Speaker	Support					
Wi-Fi	N/A					

unv		DATASHEET				
Network	1 * RJ45 10M/100M Base-TX Ethernet					
Video Output	N/A					
Certification						
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)  CB (IEC 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						
Davisa	DC12V, PoE+(IEEE 802.3at)					
Power	Power consumption: MAX 16W					
Power Interface	Ø 5.5mm coaxial power plug					
Dimensions (Ø x H)	Wall Mount: Φ134 x 192 x 302mm (Φ5.3" x 7.6" x 11.9")					
	Ceiling Mount: Φ134 x 154 x 363mm (Φ5.3" 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					

## **Dimensions**

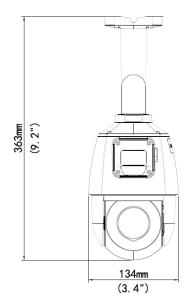
#### Wall Mount







### Ceiling Mount





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<sup>\*</sup>Product specifications and availability are subject to change without notice