

# Network Cameras PTZ Dome



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# IPZ-P6222WH-I150S

2MP 22X Lighthunter IR Network PTZ Dome Camera



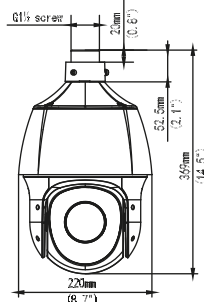
## قابلیت های کلیدی

- زوم اپتیکال تا 22 برابر بزرگ نمایی
- لوکس نوری پایین
- فوکوس دقیق و سریع
- IR هوشمند تا 150 متر
- رزولوشن 2 مگاپیکسل
- Ultra 256, H.265, H.264, MJPEG
- پشتیبانی از 3 استریم تصویر
- OSD قابل تنظیم
- پشتیبانی از پروتکل ONVIF
- تکنولوژی کنترل دمای هوشمند
- طراحی مؤثر دفع گرما
- حفاظت الکتریکی 6KV
- مقاومت در برابر نفوذ آب و گرد و غبار IP66

## Specifications

sensor	1/2.8", 2.0 megapixel, progressive scan, CMOS					Smart Features	Audio detection, Cross line, intrusion, object left, object removed, people counting, face detection, Auto tracking
Lens	5.2 - 114.4mm, AF automatic focusing and motorized zoom lens					General Function	Watermark, IP Address Filtering, Tampering Alarm, Alarm input, Alarm output, Access Policy, ARP Protection, RTSP Authentication, User Authentication
Digital Zoom	16					Audio Compression	G.711
Optical Zoom	22					Two-way Audio	Supported
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)	Suppression	Supported
	5.2	80.7(264.7ft)	32.3(105.9ft)	16.1(52.9ft)	8.1(26.5ft)	Sampling Rate	8KHZ
	114.4	1775.2(5824.1ft)	710.1(2329.6ft)	355.0(1164.8ft)	177.5(582.4ft)	Edge Storage	Micro SD, up to 256GB
Angle of View (H)	53.4° - 2.7°					Network Storage	ANR
Angle of View (V)	32.3° - 1.5°					Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS
Angle of View (D)	60.3° - 3.1°					Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API
Shutter	Auto/Manual, shutter time: 1 - 1/100000s					Pan Range	360° (endless)
Minimum Illumination	Colour: 0.003Lux (F1.5, A6C ON) 0Lux with IR					Pan Speed	0.1°/s - 240°/s Preset speed: 300°/s
Iris	Auto/Manual; F1.5 - F3.8					Tilt Range	-15° - 90° (auto reverse)
Day/Night	IR-cut filter with auto switch (ICR)					Tilt Speed	0.1° - 80°/s Preset speed: 80°/s
Digital noise reduction	2D/3D DNR					Number of Presets	1024
S/N	>52 dB					Patrol	Preset patrol, route patrol, recorded patrol
IR Range	UP to 150m (492ft)					Home Position	Supported
Defog	Digital Defog					Audio I/O	Audio Cable 1 Input: impedance 35kΩ; amplitude 2V [p-p] 1 Output: impedance 600Ω; amplitude 2V [p-p]
WDR	120dB					Alarm I/O	1/1
Video Compression	Ultra 265, H.265, H.264, MJPEG					Power	DC 12V±10%, PoE (PSE Required) Power consumption: 4 - 27.6W
H.264 code profile	Baseline profile, Main Profile, High Profile					Dimensions (Ø x H)	Ø220 x 369mm (Ø8.7" x 14.5")
Frame Rate	Main Stream: 2MP (1920*1080), Max 60fps; Sub Stream: 2MP (1920*1080), Max 60fps; Third Stream: D1 (720*576), Max 60fps					Weight	3.4kg (7.5lb)
HLC	Supported					Working Environment	-40°C - 65°C (-40°F - 149°F), Humidity: ≤95% RH (non-condensing)
BLC	Supported					Ingress Protection	IP66
EIS	Supported					Reset Button	Supported
OSD	Up to 8 OSDs						
Privacy Mask	Up to 24 areas						
ROI	Up to 8 areas						
Motion Detection	Up to 4 areas						

## Dimensions



# IPZ-P6225W-I150S

2MP 25x Lighthunter Network PTZ Dome Camera



Network  
Cameras

NVRs

AHD  
Series

Video  
Decoders

Switches

Accessories

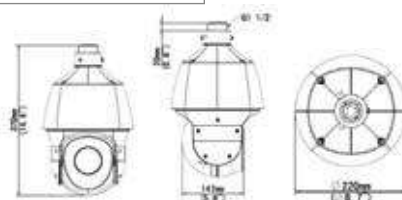
## قابلیت های کلیدی

- زوم اپتیکال تا 25 برابر بزرگ نمایی
- IR هوشمند تا 150 متر
- طلق ضد بازتاب نور مادون قرمز
- رزولوشن 2 مگاپیکسل
- Ultra265, H.265, H.264, MJPEG
- OSD قابل تنظیم
- پشتیبانی از پروتکل ONVIF
- دمای کارکرد -40 تا +65 درجه سانتیگراد
- مقاومت در برابر نفوذ آب و گرد و غبار IP66

## Specifications

Sensor	1/2.8", 2.0 megapixel, progressive scan, CMOS				Two-way Audio	Support		
Minimum Illumination	Colour: 0.001 Lux (F1.5, AGC ON) 0 Lux with IR				Suppression	Support		
Day/Night	IR-cut filter with auto switch (ICR)				Sampling Rate	8 kHz		
Shutter	Auto, 1 - 1/100000s				Edge Storage	Micro SD, up to 256 GB		
WDR	120dB				Network Storage	ANR, NAS (NFS)		
S/N	>52dB				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		
Lens type	5- 125mm, AF automatic focusing and motorized zoom lens				Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API, SDK		
Optical Zoom	25				User/Host	Up to 32 users, 2 user levels: administrator and common user		
Iris	Auto; F1.5 - F3.0				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		
Angle of View (H)	54.37° - 2.68°				Web Browser	Plug-in free live view: Chrome 57.0+, Firefox 58.0+, Edge 16+, Safari 11+		
Angle of View (V)	32.23° - 1.51°					Plug-in required live view: IE9+, Chrome 41 and below, Firefox 52 and below		
Angle of View (D)	66.88° - 3.16°				Pan Range	360° (endless)		
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)	Pan Speed	2°/s - 75°/s	
	5	85.3(280.0ft)	34.1(112.0ft)	17.1(56.0ft)	8.5(28.0ft)		Preset speed: 80°/s	
IR Range	125	1706.9 (5600.1ft)	682.8(2240.0ft)	341.4(1120.0ft)	170.7(560.0ft)	Number of Presets	1024	
	Up to 150m IR range						Preset Patrol	16 patrols, up to 64 presets for each patrol
Wavelength	850nm						Route Patrol	16 patrols, up to 32 actions for each patrol
IR On/Off Control	Auto/Manual						Recorded Patrol	16 patrols, up to 128 actions for each patrol
Video Compression	Ultra 265, H.265, H.264, MJPEG						Patrol Stay Time	15s-1800s
Frame Rate	Main Stream: 2MP(1920*1080), Max 30fps;						Home Position	Support
	Sub Stream: 720P (1280*720), Max 30fps;						Audio I/O	1/1
	Third Stream: D1 (720*576), Max 30fps;						Alarm I/O	2/1
Video Bit Rate	128 Kbps-16 Mbps						Serial Port	1 RS485
ROI	Up to 8 areas						Network	1 * RJ45 10M/100M Base-TX Ethernet
OSD	Up to 8 OSDs						Video Output	N/A
Privacy Mask	24 areas, up to 4 areas per scene						Power	DC12V±10% , PoE+ (IEEE802.3 at)
White Balance	Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2						Power consumption: Max 25W	
Digital noise reduction	2D/3D DNR						Power Interface	Ø 5.5mm coaxial power plug
Flip	Normal/Flip Vertical/Flip Horizontal/180°/90°Clockwise/90°Anti-clockwise						Dimensions (Ø x H)	Ø220 x 370mm (Ø8.7" x 14.6")
HLC	Support						Weight	3.3kg(7.26lb)
BLC	Support						Working Environment	-40°C - 65°C (-40°F - 149°F), Humidity: ≤95% RH (non-condensing)
Defog	Digital Defog						Surge protection	6KV
General Function	Watermark, IP Address Filtering, Alarm input, Alarm output, Access Policy, ARP Protection, RTSP Authentication, User Authentication						Reset button	Support
	Audio detection, Deep Learning, Smart Intrusion Prevention, (Cross Line, Enter Area, Leave Area, Intrusion), People counting, People Flow counting, Crowd Density Monitoring, Face Capture (Maximum 8), Auto Tracking						Protection	Ingress Protection: IP66 Vandal Resistant: N/A
Smart Features								
Audio Compression	G.711U, G.711A							

## Dimensions



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## IPZ-P6233W-I150S

2MP 33X Starlight IR Network PTZ Dome Camera



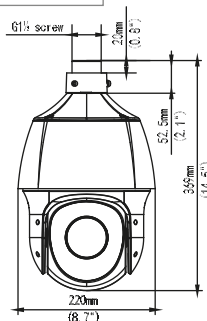
### قابلیت های کلیدی

- پشتیبانی از پروتکل ONVIF
- دمای کارکرد -40 تا +65 درجه سانتیگراد
- مقاومت در برابر نفوذ آب و گرد و غبار IP66
- پایه قابل تنظیم 3 حالت
- رزولوشن 2 مگاپیکسل
- Ultra 256, H.265, H.264, MJPEG
- پشتیبانی از 3 استریم تصویر
- OSD قابل تنظیم
- زوم اپتیکال تا 33 برابر بزرگ نمایی
- لوکس نوری پایین
- IR هوشمند تا 150 متر
- طلق ضد بازتاب نور مادون قرمز
- تثبیت کننده الکترونیکی لرزش تصویر

### Specifications

sensor	1/2.8", 2.0 megapixel, progressive scan, CMOS					Smart Features	Audio detection, Cross line, intrusion, object left, object removed, people counting, face detection, Auto tracking
Lens	4.5 - 148.5mm, AF automatic focusing and motorized zoom lens						General Function
Digital Zoom	16					Audio Compression	G.711
Optical Zoom	33					Two-way Audio	Supported
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)	Suppression	Supported
	4.5	69.8	27.9	14.0	7.0	Sampling Rate	8KHZ
Angle of View (H)	76.8° - 2.1°					Edge Storage	Micro SD, up to 256GB
	38.4° - 1.2°					Network Storage	ANR
Angle of View (V)	94.46° - 2.48°					Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, SSL, QoS
Shutter	Auto/Manual, shutter time: 1 - 1/100000s					Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API
Minimum Illumination	Colour: 0.001Lux (F1.5, A6C ON)					Pan Range	360°
	0Lux with IR					Pan Speed	0.1°/s - 300°/s Preset speed: 200°/s
Iris	F1.5 - F4.0					Tilt Range	-15° - 90° (auto reverse)
Day/Night	IR-cut filter with auto switch (ICR)					Tilt Speed	0.1° - 80°/s Preset speed: 80°/s
Digital noise reduction	2D/3D DNR					Number of Presets	1024
S/N	>55 dB					Patrol	Preset patrol, route patrol, recorded patrol
IR Range	Up to 150m (492ft)					Home Position	Supported
Defog	Digital Defog					Audio I/O	1 Input: impedance 1kΩ±10%; amplitude 2V [p-p] 1 Output: impedance 600Ω; amplitude 2V [p-p]
WDR	120dB					Alarm I/O	2/1
Video Compression	Ultra 265, H.265, H.264, MJPEG					Power	DC 12V±25%, PoE (PSE Required) Power consumption: 16 - 30W
H.264 code profile	Baseline profile, Main Profile, High Profile					Dimensions (Ø x H)	Ø220 × 369mm [Ø8.7" x 14.5"]
Frame Rate	Main Stream: 2MP (1920*1080), Max 30fps;					Weight	3.0kg [6.6lb]
	Sub Stream: 2MP (1920*1080), Max 30fps;					Working Environment	-40°C - 65°C [-40°F - 149°F], Humidity: ≤95% RH [non-condensing]
	Third Stream: D1 (720*576), Max 30fps					Ingress Protection	IP66
HLC	Supported					Reset Button	Supported
BLC	Supported						
EIS	Supported						
OSD	Up to 8 OSDs						
Privacy Mask	Up to 24 areas						
ROI	Up to 8 areas						
Motion Detection	Up to 4 areas						

### Dimensions



# IPZ-P6233W-I150S/C

2MP 33x Lighthunter Network PTZ Dome Camera



Network  
Cameras

NVRs

AHD  
Series

Video  
Decoders

Switches

Accessories

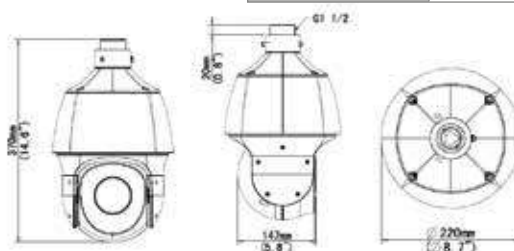
### قابلیت های کلیدی

- پشتیبانی از پروتکل ONVIF
- دمای کارکرد -40 تا +65 درجه سانتیگراد
- مقاومت در برابر نفوذ آب و گرد و غبار IP66
- رزولوشن 2 مگاپیکسل
- Ultra265, H.265, H.264, MJPEG
- OSD قابل تنظیم
- زوم اپتیکال تا 33 برابر بزرگ نمایی
- IR هوشمند تا 150 متر
- طلق ضد بازتاب نور مادون قرمز

## Specifications

Sensor	1/2.8", 2.0 megapixel, progressive scan, CMOS				Audio Compression	6.711U,6.711A
Minimum Illumination	Colour: 0.001 Lux (F1.5, AGC ON) 0 Lux with IR				Audio Bitrate	64 Kbps
Day/Night	IR-cut filter with auto switch (ICR)				Two-way Audio	Support
Shutter	Auto, 1 - 1/100000s				Suppression	Support
WDR	120dB				Sampling Rate	8 kHz
S/N	>52dB				Edge Storage	Micro SD, up to 256 GB
Lens type	4.5 - 148.5mm, AF automatic focusing and motorized zoom lens				Network Storage	ANR,NAS(INFS)
Optical Zoom	33				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
Iris	Auto; F1.5 - F4.0				Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API,SDK
Angle of View [H]	56.23° - 2.57°				User/Host	Up to 32 users, 2 user levels: administrator and common user
Angle of View [V]	33.46° - 1.44°				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
Angle of View [D]	69.16° - 3.03°				Web Browser	Plug-in free live view: Chrome 57.0+, Firefox 58.0+, Edge 16+, Safari 11+
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)	Plug-in required live view: IE9+, Chrome 41 and below, Firefox 52 and below
	4.5	72.9(239.3ft)	29.2(95.7ft)	14.6(47.9ft)	7.3(23.9ft)	
IR Range	148.5	2187.9(7178.3ft)	875.2(2871.3ft)	437.6(1435.7ft)	218.8(717.8ft)	
	Up to 150m IR range					
Wavelength	850nm					
IR On/Off Control	Auto/Manual					
Video Compression	Ultra 265, H.265, H.264, MJPEG					
Frame Rate	Main Stream: 2MP(1920*1080), Max 30fps;					
	Sub Stream: 720P (1280*720), Max 30fps;					
	Third Stream: D1 (720*576), Max 30fps;					
Video Bit Rate	128 Kbps-16 Mbps					
ROI	Up to 8 areas					
OSD	Up to 8 OSDs					
Privacy Mask	24 areas, up to 4 areas per scene					
White Balance	Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2					
Digital noise reduction	2D/3D DNR					
Flip	Normal/Flip Vertical/Flip Horizontal/180°/90°Clockwise/90°Anti-clockwise					
HLC	Support					
BLC	Support					
Defog	Digital Defog					
General Function	Watermark, IP Address Filtering, Alarm input, Alarm output, Access Policy, ARP Protection, RTSP Authentication, User Authentication					
Smart Features	Audio detection, Deep Learning, Smart Intrusion Prevention, (Cross Line, Enter Area, Leave Area, Intrusion), People counting, People Flow counting, Crowd Density Monitoring, Face Capture (Maximum 8), Auto Tracking					
Power	DC12V±10% , PoE+ (IEEE802.3 at)					
Power Interface	Power consumption: Max 25W					
Dimensions (Ø x H)	Ø220 x 370mm (Ø8.7" x 14.6")					
Weight	3.4kg(7.48lb)					
Working Environment	-40°C-65°C (-40°F - 149°F), Humidity: ≤95% RH (non-condensing)					
Surge protection	6KV					
Reset button	Support					
Protection	Ingress Protection: IP66 Vandal Resistant: N/A					

## Dimensions



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## IPZ-P6233W-S

2MP 33x Starlight Network PTZ Dome Camera



### قابلیت های کلیدی

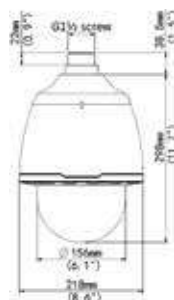
- پشتیبانی از پروتکل ONVIF
- تکنولوژی کنترل دمای هوشمند
- بدنه ضد ضربه با استاندارد IK10
- مقاومت در برابر نفوذ آب و گرد و غبار IP67
- رزولوشن 2 مگاپیکسل
- Ultra 256, H.265, H.264, MJPEG
- پشتیبانی از 3 استریم تصویر
- OSD قابل تنظیم
- زوم اپتیکال تا 33 برابر بزرگ نمایی
- لوکس نوری پایین
- فوکوس دقیق و سریع

### Specifications

Sensor	1/2.8", 2.0 megapixel, progressive scan, CMOS				
Lens	4.5 - 148.5mm, AF automatic focusing and motorized zoom lens				
Digital Zoom	16				
Optical Zoom	33				
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	4.5	69.8	27.9	14	7
	148.5	2094.8	837.9	419	209.5
Angle of View (H)	62.67° - 2.82°				
Angle of View (V)	38.4° - 1.3°				
Angle of View (D)	77.1° - 3.3°				
Shutter	Auto/Manual; shutter time: 1 - 1/100000s				
Minimum Illumination	Colour: 0.001Lux (F1.5, AGC ON)				
	B/W: 0.0001Lux(F1.5, AGC ON)				
Iris	Auto/Manual; F1.5 - F4.0				
Day/Night	IR-cut filter with auto switch (ICR)				
Digital noise reduction	2D/3D DNR				
S/N	>52dB				
Defog	Defog Digital				
WDR	120dB				
Video Compression	Ultra 265, H.265, H.264, MJPEG				
H.264 code profile	Baseline profile, Main Profile, High Profile				
Frame Rate	Main Stream: 2MP (1920*1080), Max 30fps;				
	Sub Stream: 2MP (1920*1080), Max 30fps;				
	Third Stream: D1 (720*576), Max 30fps				
HLC	Supported				
BLC	Supported				
EIS	Supported				
OSD	Up to 8 OSDs				
Privacy Mask	Up to 24 areas				
ROI	Up to 8 areas				
Motion Detection	Up to 4 areas				
Smart Features	Audio detection, Cross line, intrusion, object left, object removed, people counting, face capture, Auto tracking				

General Function	6Watermark, IP Address Filtering, Tampering Alarm, Alarm input, Alarm output, Access Policy, ARP Protection, RTSP Authentication, User Authentication
Audio Compression	.711
Two-way audio	Supported
Suppression	Supported
Sampling Rate	8KHZ
Edge Storage	Micro SD, up to 256GB
Network Storage	ANR
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API
Pan Range	360° (endless)
Pan Speed	0.1°/s - 400°/s Preset speed:400°/s
Tilt Range	1° - 90°
Tilt Speed	0.1° - 240°/s Preset speed: 240°/s
Number of Presets	1024
Patrol	Preset patrol, route patrol, recorded patrol
Home Position	Supported
Audio I/O	Audio cable 1 Input: impedance 35kΩ; amplitude 2V [p-p] 1 Output: impedance 600Ω; amplitude 2V [p-p]
Alarm I/O	2/1
Serial Port	1 RS485
Network	1 RJ45 10M/100M Base-TX Ethernet
Video Output	1 BNC, impedance 75Ω; amplitude 1V [p-p]
Power	AC 24V±25%, DC 24V±25%, PoE (IEEE 802.3at) Power consumption: Max 16W
Dimensions (Ø x H)	Ø218 x 298mm (Ø8.6" x 11.7")
Weight	4.2kg (9.3lb)
Working Environment	-30°C - 70°C (-31°F - 158°F), Humidity: ≤95% RH (non-condensing)
Ingress Protection	IP67
Vandal Resistant	IK10
Reset Button	Supported

### Dimensions



## IPZ-A8245WH-I250S

2MP 45X Lighthunter IR Network PTZ Dome Camera



### قابلیت های کلیدی

- لوکس نوری بسیار پایین
- فوکوس دقیق و سریع
- IR هوشمند تا 250 برابر
- طلق ضد بازتاب نور مادون قرمز

- رزولوشن 2 مگاپیکسل
- Ultra265, H.265, H.264, MJPEG
- پشتیبانی از 3 استریم تصویر
- OSD قابل تنظیم
- زوم اپتیکال تا 45 برابر بزرگ نمای

- پشتیبانی از پروتکل ONVIF
- طراحی مؤثر دفع گرما
- تکنولوژی کنترل دمای هوشمند
- مقاومت در برابر نفوذ آب و گرد و غبار IP66
- PoE++(IEEE 802.3bt)

Network  
Cameras

NVRs

AHD  
Series

Video  
Decoders

Switches

Accessories

### Specifications

Sensor	1/1.8", 2.0 megapixel, progressive scan, CMOS				
Minimum Illumination	Colour: 0.0005Lux (F1.3, AGC ON) 0Lux with IR				
Day/Night	IR-cut filter with auto switch (ICR)				
Shutter	Auto/Manual, 1 - 1/100000s				
WDR	120dB				
S/N	>52dB				
Lens type	5.7 - 256.5mm, AF automatic focusing and motorized zoom lens				
Digital Zoom	16				
Optical Zoom	45				
Iris	Auto; F1.3 - F4.6				
Angle of View [H]	59.5° - 2.2°				
Angle of View [V]	35.6° - 1.2°				
Angle of View [D]	73.2° - 2.6°				
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	5.7	107.2(351.8ft)	42.9(140.7ft)	21.4(70.4ft)	10.7(35.2ft)
IR Range	Up to 250m IR range				
	Wavelength	850nm			
IR On/Off Control	Auto/Manual				
Frame Rate	Main Stream: 2MP (1920*1080), Max 60fps; Sub Stream: 2MP (1920*1080), Max 60fps; Third Stream: D1 (720*576), Max 60fps				
Video Bit Rate	128 Kbps-16 Mbps				
ROI	Up to 8 areas				
OSD	Up to 8 OSDs				
Privacy Mask	24 areas, up to 4 areas per scene				
White Balance	Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2				
Digital noise reduction	2D/3D DNR				
Flip	Normal/Flip Vertical/Flip Horizontal/180°/90°Clockwise/90°Anti-clockwise				
EIC	Support				
HLC	Support				
BLC	Support				
Defog	Optical Defog & Digital Defog				
Smart Features	Deep learning, Smart intrusion Prevention Line Crossing, intrusion detection, Region entrance detection, Region exit detection, People flow counting and Crowd density monitoring, Face Capture (Maximum 40), Auto tracking (Deep learning), Audio Detection				
General Function	Watermark, IP Address Filtering, Alarm input, Alarm output, Access Policy, ARP Protection, RTSP Authentication, User Authentication				
Audio Compression	G.711U, G.711A				
Audio Bitrate	64 Kbps				

Two-way audio	Support
Suppression	Support
Sampling Rate	8 kHz
Edge Storage	Micro SD, up to 256GB
Network Storage	ANR, NAS(NFS)
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, Profile T), API, SDK
User/Host	Up to 32 users, 2 user levels: administrator 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
Web Browser	Plug-in required live view: IE9+, Chrome 41 and below, Firefox 52 and below Plug-in free live view: Chrome 57.0+, Firefox 58.0+, Edge 16+, Safari 11+
Pan Range	360° (endless)
Pan Speed	0.1°/s - 180°/s Preset speed: 300°/s
Tilt Range	-15° - 90° (auto reverse)
Tilt Speed	0.1°/s - 180°/s Preset speed: 240°/s
Number of Presets	1024
Preset Patrol	16 patrols, up to 64 presets for each patrol
Route Patrol	16 patrols, up to 32 actions for each patrol
Recorded Patrol	16 patrols, up to 128 actions for each patrol
Patrol Stay Time	15s-1800s
Preset Image Freeze	Support
Home Position	Support
Audio I/O	1/1
Alarm I/O	7/2
Serial Port	1 RS485
Network	1 RJ45 10M/100M Base-TX Ethernet
Video output	N/A
Power	AC 24V ±25%, DC 24V±25%, PoE++ (IEEE 802.3bt) Power consumption: Max 61W
Dimensions (Ø x H)	Ø270 x 497mm (Ø10.6" x 19.6")
Weight	10.3kg(22.66lb)
Working Environment	-40°C - 70°C (-40°F - 158°F), Humidity: ≤95% RH (non-condensing)
Surge Protection	6KV
Reset Button	Support
Protection	Ingress Protection: IP66 Vandal Resistant: N/A

### Dimensions



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## IPZ-E4320W-I100/R

3MP 20X Lighthunter Network PTZ Dome Camera



### قابلیت های کلیدی

- فوکوس دقیق و سریع
- IR هوشمند تا 100 متر
- طلق ضد بازتاب نور مادون قرمز

- رزولوشن 3 مگاپیکسل
- پشتیبانی از 3 استریم تصویر
- OSD قابل تنظیم
- زوم اپتیکال تا 20 برابر بزرگ نمایی

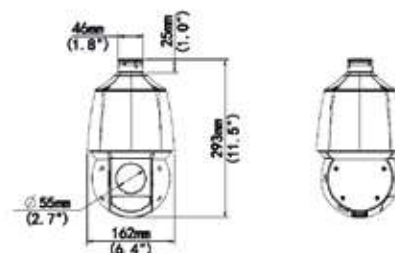
- پشتیبانی از پروتکل ONVIF
- طراحی مؤثر دفع گرما
- تکنولوژی کنترل دمای هوشمند
- مقاومت در برابر نفوذ آب و گرد و غبار IP66
- PoE+(IEEE 802.3at)

### Specifications

Sensor	1/2.8", 3.0 megapixel, progressive scan, CMOS				
Minimum Illumination	Colour: 0.003 Lux (F1.7, AGC ON) 0 Lux with IR				
Day/Night	IR-cut filter with auto switch (ICR)				
Shutter	Auto/Manual, 1 - 1/100000s				
WDR	120dB				
S/N	>54dB				
Lens type	5 - 100mm, AF automatic focusing and motorized zoom lens				
Optical Zoom	20				
Iris	Fixed; F1.7 - F2.8				
Angle of View (H)	51.70° - 3.85°				
Angle of View (V)	30.49° - 2.16°				
Angle of View (D)	63.60° - 4.54°				
DORJ Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	5	90.0 (295.3ft)	36.0 (118.1ft)	18.0 (59.1ft)	9.0 (29.5ft)
100	1272.4 (4174.8ft)	509.0 (1669.8ft)	254.5 (834.9ft)	127.2 (417.5ft)	
IR Range	Up to 100m IR range				
Wavelength	850nm				
IR On/Off Control	Auto/Manual				
Video Compression	H.265, H.264, MJPEG				
Frame Rate	Main Stream: 3MP (2304*1296), Max 30fps;				
	Sub Stream: 720P (1280*720), Max 30fps;				
	Third Stream: D1 (720*576), Max 30fps;				
Video Bit Rate	128 Kbps - 16 Mbps				
ROI	Support				
Video Stream	Triple streams				
OSD	Up to 8 OSDs				
Privacy Mask	24 areas, up to 4 areas per scene				
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				
HLC	Support				
BLC	Support				
Defog	Digital Defog				
Smart Features	Line crossing detection, Intrusion detection, Enter Area detection, Leave Area detection, people flow counting and crowd density monitoring, Face capture, Auto tracking				
General Function	Watermark, IP Address Filtering, Alarm input, Alarm output, Access Policy, ARP Protection, RTSP Authentication, User Authentication				
Audio Compression	G.711U, G.711A				
Audio Bitrate	64 Kbps				

Two-way audio	Support
Noise Suppression	Support
Sampling Rate	8 kHz
Edge Storage	Micro SD, up to 256GB
Network Storage	ANR, NAS/NFS
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, Profile T), 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
Pan Range	360° (endless)
Pan Speed	0.1°/s - 80°/s Preset speed: 80°/s
Tilt Range	-15° - 90° (auto reverse)
Tilt Speed	0.1°/s - 80°/s Preset speed: 80°/s
Number of Presets	1024
Preset Patrol	16 patrols, up to 64 presets for each patrol
Route Patrol	16 patrols, up to 128 actions for each patrol
Recorded Patrol	16 patrols, up to 128 actions for each patrol
Patrol Stay Time	15s - 1800s
Preset Image Freeze	N/A
Home Position	Support
Network	1 RJ45 10M/100M Base-TX Ethernet
Video output	N/A
Power	DC12V (±25%), PoE+(IEEE 802.3at) Power consumption: MAX 20W
Power Interface	Ø 5.5mm coaxial power plug
Dimensions (Ø x H)	Ø162 x 293mm (Ø6.4" x 11.5")
Weight	1.79kg (3.95lb)
Working Environment	-40°C - 65°C (-40°F - 149°F), Humidity: ≤95% RH (non-condensing)
Storage Environment	-40°C - 70°C (-40°F - 158°F), Humidity: ≤95% RH (non-condensing)
Surge Protection	6KV
Reset Button	Support
Protection	Ingression protection: IP66 (IEC 60529:1989+AMD1:1999+AMD2:2013)

### Dimensions





# IPZ-P4425W-I100S

4MP 25x Lighthunter Network PTZ Dome Camera



Network  
Cameras

NVRs

AHD  
Series

Video  
Decoders

Switches

Accessories

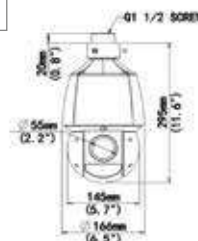
## قابلیت های کلیدی

- زوم اپتیکال تا 25 برابر بزرگ نمایی
- لوکس نوری پایین
- فوکوس دقیق تر و سریع
- IR هوشمند تا 100 متر
- رزولوشن 4 مگاپیکسل
- Ultra265, H.265, H.264, MJPEG
- پشتیبانی از 3 استریم تصویر
- OSD قابل تنظیم
- پشتیبانی از پروتکل ONVIF
- دمای کارکرد -40 تا +70 درجه سانتیگراد
- مقاومت در برابر نفوذ آب و گرد و غبار IP67
- بدنه ضد ضربه با استاندارد IK10

## Specifications

Sensor	1/2.8", 4.0 megapixel, progressive scan, CMOS				Audio Compression	6.711U, 6.711A
Minimum Illumination	Colour: 0.003 Lux (F1.5, AGC ON) 0 Lux with IR				Two-way Audio	Support
Day/Night	IR-cut filter with auto switch (ICR)				Suppression	Support
Shutter	Auto/Manual, 1 - 1/100000s				Sampling Rate	8 kHz
WDR	120dB				Edge Storage	Micro SD, up to 256 GB
S/N	>56dB				Network Storage	ANR, NAS (NFS)
Lens type	4.8 - 120mm, AF automatic focusing and motorized zoom lens				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
Digital Zoom	16				Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API, SDK
Optical Zoom	25				User/Host	Up to 32 users. 2 user levels: administrator and common user
Iris	Auto; F1.5 - F3.8				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
Angle of View (H)	52.20°-2.74°				Web Browser	Plug-in required live view: IE9+, Chrome 41 and below, Firefox 52 and below
Angle of View (V)	30.81°-1.54°				Pan Range	360° (endless)
Angle of View (D)	64.20°-3.23°				Pan Speed	0.1°/s ~ 200°/s Preset speed: 240°/s
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Tilt Range	-15° - 90° (auto reverse)
					Tilt Speed	0.1°/s ~ 200°/s Preset speed: 200°/s
IR Range	Up to 100m IR range				Number of Presets	1024
Wavelength	850nm				Preset Patrol	16 patrols, up to 64 presets for each patrol
IR On/Off Control	Auto/Manual				Patrol Stay Time	15s-1800s
Video Compression	Ultra 265, H.265, H.264, MJPEG				Home Position	Support
Frame Rate	Main Stream: 4MP(2688*1520), Max 30fps;				Audio I/O	1/1
	Sub Stream: 2MP (1920*1080), Max 30fps;				Alarm I/O	2/1
	Third Stream: DL (720*576), Max 30fps;				Serial Port	1 RS485
Video Bit Rate	128 Kbps-16 Mbps				Network	1 * RJ45 10M/100M Base-TX Ethernet
ROI	Support				Video Output	1 BNC
OSD	Up to 8 OSDs				Power	DC12V(±25%, 3A), PoE+(IEEE 802.3at)
Privacy Mask	24 areas, up to 4 areas per scene				Weight	Power consumption: MAX 21W 3.05kg(6.72lb)
White Balance	Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2				Working Environment	-40°C - 70°C (-40°F - 158°F), Humidity: ≤95% RH (non-condensing)
Digital noise reduction	2D/3D DNR				Surge Protection	6KV
Flip	Normal/Flip Vertical/Flip Horizontal/180°/90°Clockwise/90°Anti-clockwise				Reset Button	Support
HLC	Support				Protection	Ingression protection: IP67 Vandal resistant: IK10
BLC	Support					
Defog	Digital Defog					
General Function	Watermark, IP Address Filtering, Alarm input, Alarm output, Access Policy, ARP Protection, RTSP Authentication, User Authentication					
Smart Features	Audio detection, Deep Learning, Cross Line, Enter Area, Leave Area, Intrusion, People counting, People Flow counting, Crowd Density Monitoring, Face Capture (Maximum 40), Auto Tracking					

## Dimensions



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## IPZ-P6433W-I150S

4MP 33x Lighthunter Network PTZ Dome Camera



### قابلیت های کلیدی

- لوکس نوری پایین
- فوکوس دقیق و سریع
- IR هوشمند تا 150 متر

- Ultra265, H.265, H.264, MJPEG
- پشتیبانی از 3 استریم تصویر
- OSD قابل تنظیم
- زوم اپتیکال تا 33 برابر بزرگ نمایی

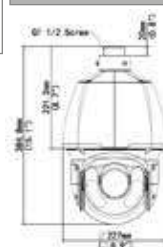
- پشتیبانی از پروتکل ONVIF
- دمای کارکرد -40 تا +70 درجه سانتیگراد
- مقاومت در برابر نفوذ آب و گرد و غبار IP66
- رزولوشن 4 مگاپیکسل

### Specifications

Sensor	1/2.8", 4.0 megapixel, progressive scan, CMOS				
Minimum Illumination	Colour: 0.003 Lux (F1.5, AGC ON) 0 Lux with IR				
Day/Night	IR-cut filter with auto switch (ICR)				
Shutter	Auto/Manual, 1 - 1/100000s				
WDR	120dB				
S/N	>56dB				
Lens type	4.5 - 148.5mm, AF automatic focusing and motorized zoom lens				
Digital Zoom	16				
Optical Zoom	33				
Iris	Auto; F1.5 - F4.0				
Angle of View (H)	53.0° - 2.3°				
Angle of View (V)	31.0° - 1.3°				
Angle of View (D)	65.2° - 2.7°				
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	4.5 148.5	105.8(346.9ft) 3172.5(10408.5ft)	42.3(138.8ft) 1269.0(4163.4ft)	21.2(69.4ft) 634.5(2081.7ft)	10.6(34.7ft) 317.3(1040.8ft)
IR Range	Up to 150m IR range				
Wavelength	850nm				
IR On/Off Control	Auto/Manual				
Video Compression	Ultra 265, H.265, H.264, MJPEG				
Frame Rate	Main Stream: 4MP(2688*1520), Max 30fps;				
	Sub Stream: 2MP (1920*1080), Max 30fps;				
	Third Stream: D1 (720*576), Max 30fps;				
Video Bit Rate	128 Kbps-16 Mbps				
ROI	Up to 8 areas				
OSD	Up to 8 OSDs				
Privacy Mask	24 areas, up to 4 areas per scene				
White Balance	Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2				
Digital noise reduction	2D/3D DNR				
Flip	Normal/Flip Vertical/Flip Horizontal/180°/90°Clockwise/90°Anti-clockwise				
HLC	Support				
BLC	Support				
Defog	Digital Defog				
General Function	Watermark, IP Address Filtering, Alarm input, Alarm output, Access Policy, ARP Protection, RTSP Authentication, User Authentication				
Smart Features	Audio detection, Deep Learning, Cross Line, Enter Area, Leave Area, Intrusion, People counting, People Flow counting, Crowd Density Monitoring, Face Capture (Maximum 40), Auto Tracking				

Audio Compression	6.711U,6.711A
Two-way Audio	Support
Suppression	Support
Sampling Rate	8 kHz
Edge Storage	Micro SD, up to 256 GB
Network Storage	ANR,NAS(NFS) Network
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, Profile T), API,SDK
User/Host	Up to 32 users, 2 user levels: administrator 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
Web Browser	Plug-in required live view: IE9+, Chrome 41 and below, Firefox 52 and below
Pan Range	360° (endless)
Pan Speed	0.1°/s - 200°/s Preset speed: 300°/s
Tilt Range	-15° - 90° (auto reverse)
Tilt Speed	0.1°/s - 200°/s Preset speed: 240°/s
Number of Presets	1024
Preset Patrol	16 patrols, up to 64 presets for each patrol
Patrol Stay Time	15s-1800s
Home Position	Support
Audio I/O	1/1
Alarm I/O	2/1
Serial Port	1 RS485
Network	1 * RJ45 10M/100M Base-TX Ethernet
Video Output	1 BNC
Power	AC 24V±25%, DC 24V±25%, PoE+ (IEEE802.3 at) Power consumption: Max 25W
Dimensions (Ø x H)	Ø227 x 384,8mm (Ø8.9" x 15.1")
Weight	5.28kg(11.64lb)
Working Environment	-40°C - 70°C (-40°F - 158°F) , Humidity: ≤95% RH (non-condensing)
Surge protection	6KV
Reset button	Support
Protection	Ingress Protection: IP66 Vandal Resistant: N/A

### Dimensions



# IPZ-A8438WH-I250S

4MP 38X Network IR PTZ Dome Camera



Network  
Cameras

NVRs

AHD  
Series

Video  
Decoders

Switches

Accessories

## قابلیت های کلیدی

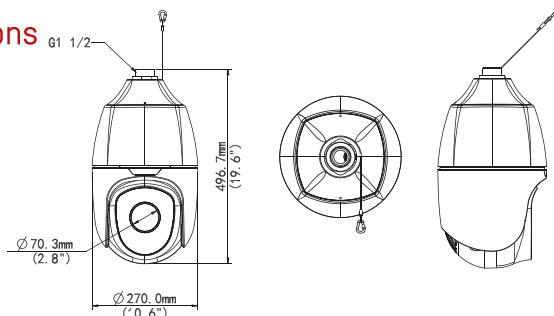
- زوم اپتیکال تا 38 برابر بزرگ نمایی
- لوکس نوری بسیار پایین
- فوکوس دقیق و سریع
- IR هوشمند تا 250 متر
- طلق ضد بازتاب نور مادون قرمز
- سنسور ژيروسکوپ
- رزولوشن 4 مگاپیکسل
- Ultra 256, H.265, H.264, MJPEG
- پشتیبانی از 3 استریم تصویر
- OSD قابل تنظیم
- پشتیبانی از پروتکل ONVIF
- طراحی مؤثر دفع گرما
- تکنولوژی کنترل دمای هوشمند
- مقاومت در برابر نفوذ آب و گرد و غبار IP66
- PoE++ (IEEE 802.3bt)

## Specifications

Sensor	1/1.8", 4.0 megapixel, progressive scan, CMOS				
Lens	5.7 - 216.6mm, AF automatic focusing and motorized zoom lens				
Digital Zoom	16				
Optical Zoom	38				
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	5.7	97.5	39	19.5	9.8
	216.6	3030	1212	606	303
Angle of View (H)	58.5° - 2.1°				
Angle of View (V)	34.9° - 1.2°				
Angle of View (D)	72.0° - 2.5°				
Shutter	Auto/Manual; shutter time: 1 - 1/100000s				
Minimum Illumination	Colour: 0.0005Lux (F1.3, AGC ON)				
	0Lux with IR				
Iris	Auto/Manual; F1.3 - F4.6				
Day/Night	IR-cut filter with auto switch (ICR)				
Digital noise reduction	2D/3D DNR				
S/N	>55dB				
IR Range	UP to 250m				
Defog	Optical Defog & Digital Defog				
WDR	120dB				
Video Compression	Ultra 265, H.265, H.264, MJPEG				
H.264 code profile	Baseline profile, Main Profile, High Profile				
Frame Rate	Main Stream: 4MP (2688*1520), Max 60fps;				
	Sub Stream: 2MP (1920*1080), Max 60fps;				
	Third Stream: D1 (720*576), Max 60fps				
HLC	Supported				
BLC	Supported				
EIS	Supported (Gyroscope)				
OSD	Up to 8 OSDs				
Privacy Mask	Up to 24 areas				
ROI	Up to 8 areas				
Motion Detection	Up to 4 areas				

Smart Features	Audio detection, Cross line, intrusion, enter area, leave area, object left, object removed, deep learning, Smart intrusion, prevention, face recognition, video metadata, people counting(deep learning), face capture, Auto tracking(deep learning)
Audio Compression	6.711
Two-way audio	Supported
Suppression	Supported
Sampling Rate	8KHZ
Edge Storage	Micro SD, up to 256GB
Network Storage	ANR
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API
Pan Range	360° (endless)
Pan Speed	0.1°/s - 74°/s Preset speed: 300°/s
Tilt Range	-20° - 90° (auto reverse)
Tilt Speed	0.1° - 74°/s Preset speed: 240°/s
Number of Presets	1024
Patrol	Preset patrol, route patrol, recorded patrol
Home Position	Supported
Audio I/O	Audio cable Input: impedance 1kΩ; amplitude 2V [p-p] Output: impedance 600Ω; amplitude 2V [p-p]
Alarm I/O	2/1
Serial Port	1 RS485
Network	1 RJ45 10M / 100M Base-TX Ethernet
Power	AC 24V ±25%, DC 24V ±25%, PoE++ (IEEE 802.3bt) (IEEE802.3bt switch required) Power consumption: 16 - 51W
Dimensions (Ø x H)	Ø270 x 496.7mm (Ø10.6" x 19.6")
Weight	9.69kg (21.4lb)
Working Environment	-40°C - 70°C (-40°F - 158°F), Humidity: ≤95% RH (non-condensing)
Ingress Protection	IP66
Reset Button	Supported

## Dimensions



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## IPZ-A8440W-I250SF

4MP 40X Lighthunter IR Network PTZ Dome Camera



### قابلیت های کلیدی

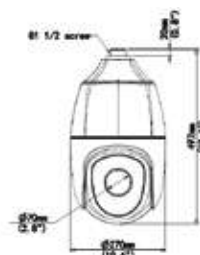
- پشتیبانی از پروتکل ONVIF
- طراحی مؤثر دفع گرما
- تکنولوژی کنترل دمای هوشمند
- مقاومت در برابر نفوذ آب و گرد و غبار IP66
- PoE++(IEEE 802.3bt)
- زوم اپتیکال تا 40 برابر بزرگ نمایش
- OSD قابل تنظیم
- پشتیبانی از 3 استریم تصویر
- پشتیبانی از Ultra265, H.265, H.264, MJPEG
- زوم نوری بسیار پایین
- فوکوس دقیق و سریع
- IR هوشمند تا 250 برابر
- طلق ضدبازتاب نور مادون قرمز

### Specifications

Sensor	1/1.8", 4.0 megapixel, progressive scan, CMOS				
Minimum Illumination	Colour: 0.0005Lux (F1.3, AGC ON) 0Lux with IR				
Day/Night	IR-cut filter with auto switch (ICR)				
Shutter	Auto/Manual, 1 - 1/100000s				
WDR	120dB				
S/N	>56dB				
Lens type	5.7 - 228mm, AF automatic focusing and motorized zoom lens				
Digital Zoom	16				
Optical Zoom	40				
Iris	Auto; F1.3 - F4.6				
Angle of View (H)	59.5° - 2.2°				
Angle of View (V)	35.6° - 1.2°				
Angle of View (D)	73.2° - 2.6°				
DDRI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	5.7	107.2(351.8ft)	42.9(140.7ft)	21.4(70.4ft)	10.7(35.2ft)
IR Range	228	3330.6(10927.2ft)	1332.2(4370.9ft)	666.1(2185.4ft)	333.1(1092.7ft)
	Up to 250m IR range				
Wavelength	850nm				
IR On/Off Control	Auto/Manual				
Frame Rate	Main Stream: 4MP (2688*1520), Max 30fps;				
	Sub Stream: 2MP (1920*1080), Max 30fps;				
	Third Stream: D1 (720*576), Max 30fps				
Video Bit Rate	128 Kbps-16 Mbps				
ROI	Up to 8 areas				
OSD	Up to 8 OSDs				
Privacy Mask	24 areas, up to 4 areas per scene				
White Balance	Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2				
Digital noise reduction	2D/3D DNR				
Flip	Normal/Flip Vertical/Flip Horizontal/180°/90°Clockwise/90°Anti-clockwise				
EIC	Support				
HLC	Support				
BLC	Support				
Defog	Optical Defog & Digital Defog				
Smart Features	Deep learning, Smart intrusion Prevention Line Crossing, intrusion detection, Region entrance detection, Region exit detection, People flow counting and Crowd density monitoring, Face Capture (Maximum 40), Auto tracking (Deep learning), Audio Detection				
General Function	Watermark, IP Address Filtering, Alarm input, Alarm output, Access Policy, ARP Protection, RTSP Authentication, User Authentication				
Audio Compression	G.711U, G.711A				
Audio Bitrate	64 Kbps				

Two-way audio	Support
Suppression	Support
Sampling Rate	8 kHz
Edge Storage	Micro SD, up to 256GB
Network Storage	ANR, NAS(NFS)
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, Profile T), API, SDK
User/Host	Up to 32 users, 2 user levels: administrator 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
Web Browser	Plug-in required live view: IE9+, Chrome 41 and below, Firefox 52 and below
Pan Range	360° (endless)
Pan Speed	0.1°/s - 180°/s Preset speed: 300°/s
Tilt Range	-15° - 90° (auto reverse)
Tilt Speed	0.1°/s - 180°/s Preset speed: 240°/s
Number of Presets	1024
Preset Patrol	16 patrols, up to 64 presets for each patrol
Route Patrol	16 patrols, up to 32 actions for each patrol
Recorded Patrol	16 patrols, up to 128 actions for each patrol
Patrol Stay Time	15s-1800s
Preset Image Freeze	Support
Home Position	Support
Audio I/O	1/1
Alarm I/O	7/2
Serial Port	1 RS485
Network	1*100M/1000M Base-FX SFP + 1*10M/100M Base-TX Ethernet
Video output	1 BNC
Power	AC 24V ±25%, DC 24V±25%, PoE++ (IEEE 802.3bt) Power consumption: Max 61W
Dimensions (Ø x H)	Ø270 x 497mm (Ø10.6" x 19.6")
Weight	9.5kg(20.9lb)
Working Environment	-40°C - 70°C (-40°F - 158°F), Humidity: ≤95% RH (non-condensing)
Storage Environment	-40°C - 70°C (-40°F - 158°F), Humidity: ≤95% RH (non-condensing)
Surge Protection	6KV
Reset Button	Support
Protection	Ingress Protection: IP66 Vandal Resistant: N/A

### Dimensions



# IPZ-P6433W-S

4MP 33X Lighthunter Network PTZ Dome Camera



Network  
Cameras

NVRs

AHD  
Series

Video  
Decoders

Switches

Accessories

## قابلیت های کلیدی

- زوم اپتیکال تا 33 برابر بزرگ نمایی
- لوکس نوری پایین
- فوکوس دقیق و سریع
- رزولوشن 4 مگاپیکسل
- Ultra265, H.265, H.264, MJPEG
- پشتیبانی از 3 استریم تصویر
- OSD قابل تنظیم
- پشتیبانی از پروتکل ONVIF
- تکنولوژی کنترل دمای هوشمند
- بدنه ضد ضربه با استاندارد IK10
- مقاومت در برابر نفوذ آب و گرد و غبار IP67

## Specifications

Sensor	1/2.8", 4.0 megapixel, progressive scan, CMOS				
Minimum Illumination	Colour: 0.003Lux (F1.5, AGC ON) BW: 0.001Lux (F1.5, AGC ON)				
Day/Night	IR-cut filter with auto switch (ICR)				
Shutter	Auto/Manual, 1 - 1/100000s				
WDR	120dB				
S/N	>56dB				
Lens type	4.5 - 148.5mm, AF automatic focusing and motorized zoom lens				
Digital Zoom	16				
Optical Zoom	33				
Iris	Auto; F1.5 - F4.0				
Angle of View (H)	53.0° - 2.3°				
Angle of View (V)	40.5° - 1.7°				
Angle of View (D)	65.2° - 2.7°				
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	4.5	105.8(346.9ft)	42.3(138.8ft)	21.2(69.4ft)	10.6(34.7ft)
Frame Rate	148.5	3172.5(10408.5ft)	1269.0(4163.4ft)	634.5(2081.7ft)	317.3(1040.8ft)
	Main Stream: 4MP (2688*1520), Max 30fps; Sub Stream: 2MP (1920*1080), Max 30fps; Third Stream: D1 (720*576), Max 30fps				
Video Bit Rate	128 Kbps-16 Mbps				
ROI	Up to 8 areas				
OSD	Up to 8 OSDs				
Privacy Mask	24 areas, up to 4 areas per scene				
White Balance	Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2				
Digital noise reduction	2D/3D DNR				
Flip	Normal/Flip Vertical/Flip Horizontal/180°/90°Clockwise/90°Anti-clockwise				
EIC	N/A				
HLC	Support				
BLC	Support				
Defog	Digital Defog				
Smart Features	Deep learning, Smart intrusion Prevention Line Crossing, intrusion detection, Region entrance detection, Region exit detection, People flow counting and Crowd density monitoring, Face Capture (Maximum), Auto tracking (Deep learning), Audio Detection				
General Function	Watermark, IP Address Filtering, Alarm input, Alarm output, Access Policy, ARP Protection, RTSP Authentication, User Authentication				
Audio Compression	G.711U, G.711A				
Audio Bitrate	64 Kbps				
Two-way audio	Support				
Suppression	Support				
Sampling Rate	8 kHz				
Edge Storage	Micro SD, up to 256GB				
Network Storage	ANR, NAS(NFS)				
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, Profile T), API, SDK				
User/Host	Up to 32 users, 2 user levels: administrator 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				
Web Browser	Plug-in required live view: IE9+, Chrome 41 and below, Firefox 52 and below				
Pan Range	360° (endless)				
Pan Speed	2°/s - 200°/s				
Tilt Range	1° - 90°				
Tilt Speed	2°/s - 200°/s Preset speed: 240°/s				
Number of Presets	1024				
Preset Patrol	16 patrols, up to 64 presets for each patrol				
Route Patrol	16 patrols, up to 32 actions for each patrol				
Recorded Patrol	16 patrols, up to 128 actions for each patrol				
Patrol Stay Time	15s-1800s				
Preset Image Freeze	Support				
Home Position	Support				
Audio I/O	1/1				
Alarm I/O	7/2				
Serial Port	1 RS485				
Network	1*10M/100M Base-TX Ethernet				
Video output	1 BNC				
Safety	IEC 62368-1				
	EN 62368-1				
	UL 60950-1				
Power	AC 24V ±25%, DC 24V±25%, PoE+(IEEE802.3 at) Power consumption: Max 16W				
Dimensions (D x H)	Ø218 x 297mm (Ø8.6" x 11.7")				
Weight	4.07kg(8.97lb)				
Working Environment	-40°C - 70°C [-40°F - 158°F], Humidity: ≤95% RH (non-condensing)				
Storage Environment	-40°C - 70°C [-40°F - 158°F], Humidity: ≤95% RH (non-condensing)				
Surge Protection	8KV				
Reset Button	Support				
Protection	Ingress Protection: IP67 Vandal Resistant: IK10				

## Dimensions



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## IPZ-A8838W-I250S

4K 38X Network IR PTZ Dome Camera



### قابلیت های کلیدی

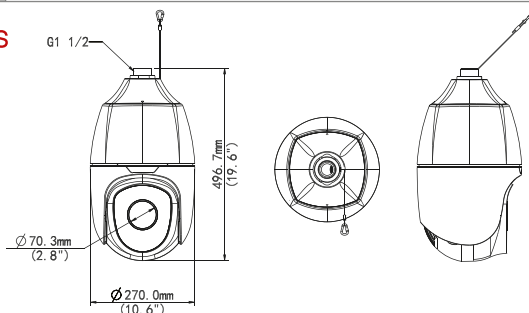
- زوم اپتیکال تا 38 برابر بزرگ نمایی
- لوکس نوری پایین
- فوکوس دقیق و سریع
- IR هوشمند تا 250 متر
- طلق ضد بازتاب نور مادون قرمز
- سنسور ژبروسکوپ
- رزولوشن 8 مگاپیکسل
- Ultra 256, H.265, H.264, MJPEG
- پشتیبانی از 3 استریم تصویر
- OSD قابل تنظیم
- پشتیبانی از پروتکل ONVIF
- طراحی موثر دفع گرما
- تکنولوژی کنترل دمای هوشمند
- مقاومت در برابر نفوذ آب و گرد و غبار IP66
- PoE++ (IEEE 802.3bt)

### Specifications

sensor	1/1.8", 8.0 megapixel, progressive scan, CMOS				
Lens	5.7 - 216.6mm, AF automatic focusing and motorized zoom lens				
Digital Zoom	16				
Optical Zoom	38				
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	5.7	146.3	58.5	29.3	14.6
	216.6	4545	1818	909	454.5
Angle of View (H)	61.2° - 2.3°				
Angle of View (V)	36.8° - 1.3°				
Angle of View (D)	75.3° - 2.7°				
Shutter	Auto/Manual; shutter time: 1 - 1/100000s				
Minimum Illumination	Colour: 0.003Lux (F1.5, A6C ON) 0Lux with IR				
Iris	Auto/Manual; F1.5 - F4.8				
Day/Night	IR-cut filter with auto switch (ICR)				
Digital noise reduction	2D/3D DNR				
S/N	>55dB				
IR Range	Up to 250m				
Defog	Optical Defog & Digital Defog				
WDR	120dB				
Video Compression	Ultra 265, H.265, H.264, MJPEG				
H.264 code profile	Baseline profile, Main Profile, High Profile				
Frame Rate	Main Stream: 8MP (3840*2160), Max 30fps;				
	Sub Stream: 2MP (1920*1080), Max 30fps;				
	Third Stream: D1 (720*576), Max 30fps				
HLC	Supported				
BLC	Supported				
EIS	Supported (gyroscope)				
OSD	Up to 8 OSDs				
Privacy Mask	Up to 24 areas				
ROI	Up to 8 areas				
Motion Detection	Up to 4 areas				

Smart Features	Audio detection, Cross line, intrusion, enter area, leave area, object left, object removed, Deep learning, Smart intrusion, Prevention, face recognition, video meta data, people counting (Deep learning), Face capture, Auto tracking (Deep learning)
General Function	Watermark, IP Address Filtering, Tampering Alarm, Alarm input, Alarm output, Access Policy, ARP Protection, RTSP Authentication, User Authentication
Audio Compression	G.711
Two-way audio	Supported
Suppression	Supported
Sampling Rate	8KHZ
Edge Storage	Micro SD, up to 256GB
Network Storage	ANR
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API
Pan Range	360° (endless)
Pan Speed	0.1°/s - 74°/s Preset speed: 300°/s
Tilt Range	-20° - 90° (auto reverse)
Tilt Speed	0.1° - 74°/s Preset speed: 240°/s
Number of Presets	1024
Patrol	Preset patrol, route patrol, recorded patrol
Home Position	Supported
Audio I/O	Audio cable Input: impedance 1kΩ; amplitude 2V [p-p] Output: impedance 600Ω; amplitude 2V [p-p]
Alarm I/O	2/1
Serial Port	1 RS485
Network	1 RJ45 10M / 100M Base-TX Ethernet
Power	AC 24V ±25%, DC 24V±25%, PoE++ (IEEE 802.3bt) (IEEE802.3bt switch required)
Power consumption	Power consumption: 16 - 51W
Dimensions (Ø x H)	Ø270 x 496.7mm (Ø10.6" x 19.6")
Weight	9.69kg (21.4lb)
Working Environment	-40°C - 70°C (-40°F - 158°F), Humidity: ≤95% RH (non-condensing)
Ingress Protection	IP66
Reset Button	Supported

### Dimensions



## IPZX-A6533W-S

5MP 33X Starlight Explosion-proof PTZ Dome Camera



### قابلیت های کلیدی

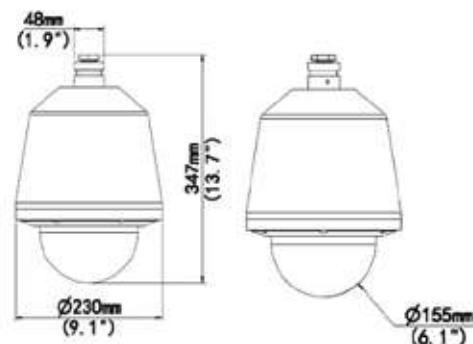
- زوم اپتیکال تا 33 برابر بزرگ نمایی
- OSD قابل تنظیم
- لوکس نوری پایین
- کاهنده نویز دیجیتال 3D
- رزولوشن 5 مگاپیکسل
- Ultra 256, H.265, H.264, MJPEG
- بدنه استیل ضد زنگ 304
- Exd IIC T6 Gb/ Ex tD A21 IP68 T80°C Standard
- پشتیبانی از پروتکل ONVIF
- دمای کارکرد -30 تا +70 درجه سانتیگراد
- مقاومت در برابر نفوذ آب و گرد و غبار IP68

### Specifications

Sensor	1/2.7", 5.0 megapixel, progressive scan, CMOS
Lens	4.5 - 148.5 mm, AF automatic focusing and motorized zoom lens
Optical Zoom	33
DORI Distance	Lens (mm) Detect (m) Observe (m) Recognize (m) Identify (m)
	4.5mm 105.8(346.9ft) 42.3(138.8ft) 21.2(69.4ft) 10.6(34.7ft)
	148.5mm 3172.5(10408.5ft) 1269.0(4163.4ft) 634.5(2081.7ft) 317.3(1040.8ft)
Angle of View (H)	56.8°
Angle of View (V)	33.8°
Angle of View (D)	69.9°
Shutter	Auto/Manual, 1-1/100000 s
Minimum Illumination	Colour: 0.003 Lux (F1.5, AGC ON)
	B/W: 0.002 Lux (F1.5, AGC ON)
Iris	Auto/Manual, F1.5-F4.0
Digital noise reduction	2D/3D DNR
Day/Night	IR-cut filter with auto switch (ICR)
S/N	>56dB
WDR	120dB
Video Compression	Ultra 256, H.265, H.264, MJPEG
Frame Rate	Main Stream: 5MP (2880*1620): Max. 30 fps;
	Sub Stream: 2MP (1920*1080): Max. 30 fps;
	Third Stream: D1 (720*576): Max. 30 fps;
Video Bit Rate	128 Kbps-16 Mbps
OSD	Time, Custom, Preset, PTZ coordinates, Zoom, Serial port, Direction, Network port, Picture overlay, People counting
Privacy Mask	24 areas, up to 4 areas per scene
ROI	Up to 8 areas
Smart intrusion prevention	Support false alarm filtering: Cross Line detection, Intrusion detection, Enter Area detection, Leave Area detection
Intelligent auto tracking	Support intelligent tracking and target tracking, focus on motor vehicles, non-motor vehicles and people
Face capture	Support, Face attributes: Gender, Age range, Glasses, Mask
People counting	Support people flow counting and crowd density monitoring
Basic Detection	Motion detection, Audio detection, Tampering alarm

General Function	Watermark, IP Address Filtering, Alarm input, Alarm output, Access Policy, ARP Protection, RTSP Authentication, User Authentication
Audio Compression	6.711U, 6.711A
Audio Bitrate	64 Kbps
Two-way Audio	Support
Suppression	Support
Sampling Rate	8KHz
Edge Storage	Micro SD, up to 256 GB (Built-in SD card is available for customization)
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, Profile T), API, SDK
Pan Range	360°
Pan Speed	0.1°/s-400°/s Preset speed: 540°/s
Tilt Range	-17°-+90°
Tilt Speed	0.1° - 80°/s Preset speed: 80°/s
Number of Preset	1024
Patrol	Preset patrol, Route patrol, Record patrol
Home Position	Supported
Audio I/O	1/1
Alarm I/O	2/1
Serial Port	Support
Built-in Heater	Support
Network	10/100M Base-TX Ethernet
Power	AC220V(100-240V), PoE (PSE required)
Dimensions (L x W x H)	Power consumption: Max 29W
Weight	Ø230mm×347mm (9.1" × 13.7")
Working Environment	11kg (24.3lb)
Ingress Protection	-30°C - +70°C (-22°F - 158°F), Humidity: ≤95% RH(non-condensing)

### Dimensions



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