Prime Pro AI Series 4x Zoom 5MP IP PTZ Camera, Active Deterrence, Sound Alarm





2.8~12mm Auto-Focus Motorized Zoom Lens Auto Tracking • 1/2.7"CMOS sensor / 5MP (2880×1620)@30fps • 0.002Lux (F1.2) w/o IR / 120dB true WDR • Ultra 265, H.265, H.264, MJPEG • 50m (164ft) Max. IR Distance / Smart IR • 10m (33ft) Max. White Light Distance • Red & Blue Alarm Light / Siren (Sound Alarm) • Active Deterrence (Light Warning) • Built-in Mic & Speaker / Micro SD Slot • IP66 / 12VDC / PoE • Φ133 x 269mm (Φ5.2"x 10.6")

FEATURES

- High quality image with 5MP, 1/2.7"CMOS sensor
- Ultra 265, H.265, H.264, MJPEG
- Smart intrusion prevention, support false alarm filtering, include Cross Line, Intrusion, Enter Area, Leave Area detection Face capture, automatic selection of best snapshots
- People Counting, support people flow counting and crowd density monitoring, suitable for different statistical scenarios LightHunter technology ensures ultra-high image quality in low illumination

environment

- Up to 120 dB Optical WDR (Wide Dynamic Range)
- Built-in Mic & Speaker
- Smart IR, Up to 50 m (164 ft) IR distance and 10m (33 ft) warm light distance
- Micro SD, up to 256GB
- IP66 protection
- DC12V or PoE (IEEE 802.3af) power supply

SPECIFICATIONS

Camera	
Sensor	1/2.7" progressive scan, 5.0 megapixel, CMOS
Min. Illumination	Colour:0.002 lux (F1.2,AGC ON) 0 lux with IR
Day/Night	IR-cut filter with auto switch (ICR)
Shutter	Auto/Manual, shutter time: 1 s ~ 1/100000 s
WDR	120dB
S/N	>52dB
Lens	
Lens type	2.8 ~ 12mm, AF automatic focusing and motorized zoom lens
Optical Zoom	4X
Iris	Fixed; F1.2
Field of View (H)	106.9° ~ 30.6°
Field of View (V)	56.0° ~ 17.7°
Field of View (D)	139.0° ~ 37.6°
DORI Distance	
Lens (mm)	2.8mm 12mm
Detect (ft)	206.7ft (63.0) 885.8ft 270.0)
Observe (ft)	82.7ft (25.2mm) 354.3ft (108.0mm)

Recognize (ft)	41.3ft (12.6mm) 177.2ft (54.0mm)
Identify (ft)	20.7ft (6.3mm) 88.6ft (27.0mm)
Illuminator	
IR Range	Up to 50m (164ft)
Warm Light Range	Up to 10m (33ft)
Wavelength	850nm
IR On/Off Control	Auto/Manual
Video	
Video Compression	Ultra 265, H.265, H.264, MJPEG
Frame Rate	Main Stream: 5MP (2880*1620), 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	Up to 4 areas
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
BLC	Support
Defog	Digital Defog
Intelligent	
Smart Intrusion Prevention	Support false alarm filtering: Cross Line detection, Intrusion detection, Enter Area detection, Leave Area detection
Face Capture	Support

People Counting	Support people flow counting and crowd density monitoring
Events	
Basic Detection	Motion detection, Audio detection, Tampering Alarm
Auto Tracking	Support
General Function	Watermark, IP Address Filtering, Access Policy, ARP Protection, RTSP Authentication, User Authentication
Audio	
Audio Compression	G.711U,G.711A
Two-way Audio	Support
Suppression	Support
Sampling Rate	16 kHz
Storage	
Edge Storage	Micro SD, up to 256 GB
Network Storage	ANR,NAS(NFS)
Network	
Protocols	IPv4, IPv6, IGMP, ICMP, ARP, TCP, UDP, DHCP , PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP , 802.1x , SNMP, SSL
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API
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	0° ~ 345°
Pan Speed	0.1°/s ~ 50°/s
	Preset speed: 50°/s
Tilt Range	−10° ~ 110°
Tilt Speed	0.1°/s ~ 40°/s
	Preset speed: 40°/s
Number of Presets	256
Preset Patrol	16 patrols, up to 64 presets for each patrol

Patrol Stay Time	120s ~ 1800s
Home Position	Support
Interface	
Built-in Mic	Support
Built-in Speaker	Support
Network	1 * RJ45 10M/100M Base-TX Ethernet
Alarm Light	Support
Certification	
EMC	CE-EMC (EN55032:2015, EN55024:2010+A1:2015, EN55035:2017, 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) CB (IEC 62368 ~ 1:2014)
Environment	CE-ROHS (2011/65/EU;(EU)2015/863)
Protection	IP66 (IEC 60529:1989+AMD1:1999+AMD2:2013)
General	
Power	DC12V(±25%), PoE(IEEE 802.3af)
	Power consumption: MAX 18W
Power Interface	Ø 5.5mm coaxial power plug
Dimensions (Ø x H)	Φ133mm*269mm (Φ5.2” × 10.6”)
Weight	0.87 kg (1.92lb)
Working Environment	−20°C ~ 60°C (−4°F to 140°F), Humidity:≤95% RH(non-condensing)
Storage Environment	−40°C ~ 70°C (−40°F to 158°F), Humidity:≤95% RH(non-condensing)
Surge Protection	2KV
Reset Button	Support