



KEY FEATURES

- ❖ 1/2.8" 2-Megapixel CMOS
- ❖ Powerful 25x optical zoom
- ❖ Starlight technology
- ❖ Max. 50/60fps@1080P
- ❖ Deep-learning-based perimeter protection
- ❖ Support PoE+
- ❖ IR distance up to 330 ft (0.1 km)
- ❖ SMD Plus: Smart Motion Detection (SMD+)
- ❖ IP66 Ingress Protection
- ❖ IK10 Vandal Resistance

The AI series products adopt the most advanced AI technologies, including deep learning algorithms that primarily target people and vehicles, which provides higher flexibility and accuracy for end-users. This enables the the AI series to offer various advanced applications such as Face Recognition, ANPR, Metadata, People Counting, traffic data statistics, etc. The complete lineup of the AI includes network (PTZ) cameras, network video recorders, servers, and more devices. Beyond seeing the world, the power of AI allows devices to perceive the environment and understand the world in a better way.

Eyemax NPT-IR-A9200SL is a 2-megapixel (1080P) H.265+ Starlight PTZ Network Camera.

Product Specifications

Camera	
Image Sensor	1/2.8" 2MP progressive scan STARVIS™ CMOS
Image Resolution	1920 (H) × 1080 (V)
ROM	4 GB
RAM	1 GB
Electronic Shutter	1/1 s ~ 1/30,000 s
Minimum Illumination	0.005 Lux @ F1.6 (Color) 0.0005 Lux @ F1.6 (B/W) 0 Lux (IR on)
S/N Ratio	N/A
IR LEDs	6
IR Distance	328 ft (100 m)
Illuminator On/Off Control	Zoom Prio / Manual / Smart IR
Lens Type	Motorized
Focal Length	4.8 ~ 120 mm
Angle of View	Horizontal: 62.8° ~ 2.6° Vertical: 33.2° ~ 1.7° Diagonal: 67.3° ~ 3.9°
Max. Aperture	F1.6 ~ F4.4
Close Focus Distance	0.33 ~ 4.92 ft (100 mm ~ 1500 mm)

PTZ	
Pan / Tilt Range	Pan: 0°~360° endless / Tilt: -15°~90° auto flip 180°
Manual Control Speed	Pan: 0.1°~200° / s; Tilt: 0.1°~120° / s
Preset Speed	Pan: 240° / s; Tilt: 200° / s
Presets	300
PTZ Mode	5 Patern, 8 Tour (Up to 32 presets/tour), 5 Scan
Speed Setup	Support
Power-off Memory	Support
Idle Motion	Preset/Tour/Pattern/Scanning
Protocol	DH-SD, Pelco-P/D (Auto recognition)

Intelligence	
Event Trigger	Motion detection, Video tampering, Scene changing, Network disconnection, IP address conflict, Illegal Access, Storage anomaly
General Intelligence	Object Abandoned / Missing

Artificial Intelligence	
Perimeter Protection	Tripwire and intrusion. Support alarm triggering by target types (human and vehicle). Support filtering false alarms caused by animals, rustling leaves, bright lights, etc.
Auto Tracking	Support
SMD Plus	Support
Video Metadata	Support human, motor vehicle and non-motor vehicle image capture

Video Standard	
Video Compression	H.265+/H.265/H.264+/H.264/MJPEG (Sub stream)
Smart Codec	N/A
Video Frame Rate	Main stream: 1080P/1.3M/720P @ 50/60 fps, Sub stream 1: D1/CIF @ 25/30 fps

Video Frame Rate	Sub stream 2: 1080P/1.3M/720P/D1/CIF @ 25/30 fps
Streaming Capability	3 Streams
Resolution	1080P (1920×1080); 1.3M (1280×960); 720P (1280×720); D1 (704×576/704×480); CIF (352×288/352×240)
Bit Rate Control	CBR; VBR
Video Bitrate	H264/H.265: 3 Kbps ~ 20480 Kbps
Day / Night	Auto (ICR) ; Color; B/W
BLC Mode	Yes
HLC Mode	Yes
Wide Dynamic Range	120 dB true WDR
White Balance	Auto / Indoor / Outdoor / Track / Manual / Sodium lamp / Natural light / Street lamp
Gain Control	Auto / Manual
Digital Noise Reduction	Ultra DNR (2D/3D)
Motion Detection	Yes
Region of Interest	Yes
Electronic Image Stabilization	Yes
Smart Illumination	Yes
Defog	Yes
Privacy Masking	Yes (Up to 24 areas)
Digital Zoom	16×
Flip	180°

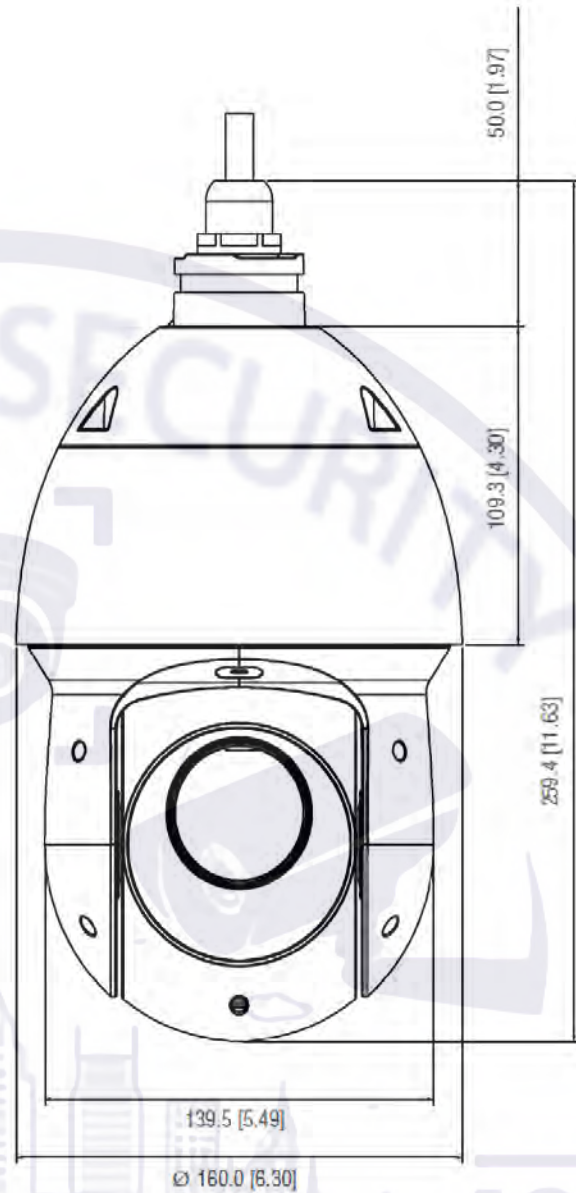
Network & Interface	
Ethernet	RJ-45 (10/100 Base-T)
Network Protocol	IPv4; IPv6; HTTP; HTTPS; SSL; TCP/IP; UDP; UPnP; ICMP; IGMP; SNMPv1/v2c/v3(MIB-2); ARP; RTCP; RTSP; RTP; SMTP; NTP; DHCP; DNS; PPPOE; DDNS; FTP; IP Filter; QoS; Bonjour; 802.1x
Network Interoperability	ONVIF Profile S&G, CGI
Streaming Method	Unicast / Multicast
Network Max. Users	19
Storage	Micro SD Card Slot (support max. 256 GB); NAS
Web Viewer	IE, Chrome, Firefox, Safari
Management Software	Smart PSS / DSS / DMSS
Mobile	iOS / Android
Audio I/O	1/1
Alarm I/O	2/1
Audio Compression	G.711a; G.711Mu; AAC; G.722.1; G.726; MPEG2-Layer2; G.729
RS485	N/A
Built-in Mic	N/A
Built-in Speaker	N/A

General	
Power Supply	12 V DC / 3 A, PoE+ (802.3at)
Power Consumption	< 13 W; <22 W (IR on)
Operating Temperature	-40°C ~ 70°C (-40°F ~ 158°F) / ≤ 95% RH
Protection	IP66; TVS 6000 V lighting proof; Surge Protection
Casing	Aluminium alloy ADC12
Dimensions	295 mm × ø 160 mm (11.61" × ø 6.30")

Product Specifications

Net Weight	3000 g (6.61 lb)
Gross Weight	4200 g (9.26 lb)
Certifications	CE: EN55032/EN55024/EN50130-4 FCC: Part15 subpartB, ANSI C63.4-2014 UL: UL60950-1+CAN/CSA C22.2, No. 60950-1

Product Dimensions (mm [inch])



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