

CA-NP842N4D25-AP

8MP 25x Optical Zoom 5" PTZ Network Camera



Save Storage



AI Functions



Wide Dynamic Range



PTZ Series

- Real-Time Video Output 8MP (3840x2160 @30fps)
- 25x Optical Zoom (5mm – 125mm)
- Excellent Low-Light Performance
- Color: 0.007 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR
- IR Viewable Distance: Max.100m
- Efficient Compression Technology H.265/H.265+/H.264/H.264+/MJPEG
- AI Features: Face Detection, Human & Vehicle Detection, Auto Tracking, Line Crossing, Object Detection, Crossing Counting, Heat Map, Crowd Density, Queue Length, License Plate, Rare Sound, Intrusion, Region Entrance, Region Exiting.
- Wide Dynamic Range WDR, 3D DNR, HLC, BLC
- Water and Dust Resistant (IP67)



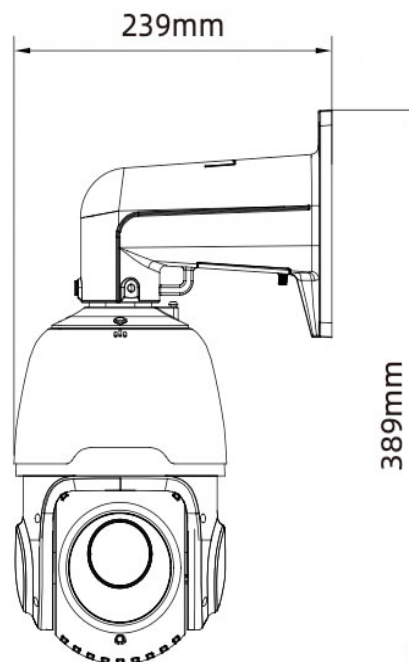


I Specifications

Model Name	CA-NP842N4D25-AP
Camera	
Imaging Device	1/2.8"
Effective Pixels	8MP 3480(H)x2160(V)
Scanning System	Progressive CMOS
Min. Illumination	Color: 0.007 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR
Lens	
Focal Length (Zoom Ratio)	25x Optical Zoom (5 mm–125 mm)
Max. Aperture Ratio	F1.6
Angular Field of View	Horizontal: 57 .6° to 2.9° Vertical: 33.2° to 1.6°, Diagonal: 65.2° to 3.3°
Operational	
IR LED	6pcs
IR Viewable Length	Up to 100m
Type of complementary light	Switchable infrared light
Pan Range	360°
Pan Speed	Configurable from 0.6° to 80°/s; preset speed: 120°/s
Tilt Range	-10° to 90° (Auto Flip)
Tilt Speed	Configurable from 0.6° to 80°/s, preset speed 100°/s
Preset	255
Preset Speed	Max. 60°/sec
Tour	Support
Patrol Scan	1 Scan
Pattern Scan	4 Pattern
Motion Detection	Off/On (8 Level)
Wide Dynamic Range	120dB
Image Enhancement	BLC, 3D DNR, HLC
Day & Night	Day&Night Mode
Image Setting	Rotation Mode, Saturation, Brightness, Contrast, Sharpness, White Balance
Electronic Shutter Speed	1/5 ~ 1/20000s
On-Board Storage	Micro SD slot, up to 256GB
Audio	1 Input, 1 Output
Alarm I/O	1 Input, 1 Output
Hardware Reset	Yes

Smart Features	Face Detection, Human & Vehicle Detection, Auto Tracking, Line Crossing, Object Detection, Crossing Counting, Heat Map, Crowd Density, Queue Length, License Plate, Rare Sound, Intrusion, Region Entrance, Region Exiting.
Network	
Ethernet	RJ45(10/100BASE-T)
Video Compression Format	H.265/H.265+/H.264/H.264+/MJPEG
Resolution	8MP(3840x2160)@30fps
Video Quality Adjustment	256Kbps ~ 16Mbps
Bitrate control method	CBR/VBR
Protocol	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP/RTSP, SMTP, NTP, UPnP, SNMP, HTTPS, FTP
Security	IP address filter; complicated password; Authenticated username and password
Interface Protocol	ONVIF(Profile S/G/T/M)
General	
Operating Temperature	-30 °C to 60 °C (-22 °F to 149 °F)
Operating Humidity	≤ 90% RH
Ingress Protection	IP67, IK10
Power	DC 12V/PoE+, max. 22 W

■ Dimensions



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Smart Surveillance Systems
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*All pictures and specifications are for reference only
And are subject to change without prior notice.