



CA-NP240M4VA-DF-WA0550PW 8MP ANPR Motorized Varifocal Network Camera



Save Storage



AI Functions



License Plate Recognition



Wide Dynamic Range



ANPR Series

- Real-Time Video Output 8MP (3840×2160@30fps)
- Motorized Varifocal Lens (Ø14) (05mm-50mm)
- Built-in ANPR engine, equipped with AI algorithm
- Capture Speed up to **120Km/h**
- IR Viewable Distance: Up to 80m
- Efficient Compression Technology H.265/H.265+/H.264/H.264+/MJPEG
- AI Smart Features:
License Plate, Human & Vehicle Detection, Line Crossing, Object Detection, Crossing Counting, Face Recognition, Heat Map, Crowd Density, Queue Length, Rare Sound, Intrusion, Region Entrance, Region Exiting.
- Wide Dynamic Range WDR, 3D DNR, HLC, BLC
- Built-in Microphone & Speaker
- Water and Dust Resistant (IP67)





I Specifications

Model Name	CA-NP240M4VA-DF-WA0550PW
Camera	
Imaging Device	1/2.8"
Effective Pixels	8MP 3840(H)×2160(V)
Scanning System	Progressive CMOS
Min. Illumination	Color 0.009 Lux @ F1.6(AGC ON); B/W 0 lux @ IR ON
Lens	
Focal Length (Zoom Ratio)	Motorized Varifocal Lens (Ø14)/5 ~ 50 mm
Max. Aperture Ratio	F No. 2.0±5%
Angular Field of View	Horizontal: 49-7°, Vertical: 27-4°, Diagonal: 57-8°
Min. Object Distance	0.2m ~ ∞
Lens Type	Motorized Varifocal Lens
Operational	
IR Viewable Length	Up to 80m
Motion Detection	Off/On (8 Level)
Wide Dynamic Range	120dB WDR
Image Enhancement	BLC, 3D DNR, HLC
Day & Night	IR cut filter with auto switch(Day/Night/Auto/Image/Schedule)
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
Alarm I/O	1 Input, 1 Output
Audio	Built-in Microphone & Speaker
Hardware Reset	Yes
Smart Features	License Plate, Human & Vehicle Detection, Line Crossing, Object Detection, Crossing Counting, Face Recognition, Heat Map, Crowd Density, Queue Length, 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	-35°C ~ +60°C (-31°F ~ 140 °F)
Operating Humidity	≤ 90% RH
Ingress Protection	IP67
Power	DC12V: max 12. 1W; PoE: max 13.68W
Housing	Metal

■ Dimensions

