

PT-NC123D7-WNMS/AW(D2)

2 MP Ranginview series Dual Light Fixed Turret Network Camera



Ranginview



Highlights

- **High-Quality Imaging:** 2MP resolution ensures superior image quality.
- **Advanced Imaging:** 24/7 colorful imaging
- **Target Classification:** Focus on human and vehicle classification based on advanced intelligent algorithms.
- **Smart Dual Light:** advanced technology with long range
- **Efficient Compression:** Efficient H.265 compression technology saves bandwidth and storage
- **Enhanced Security:** Provide real-time security via built-in two-way audio and strobe light alarm
- **On-Board Storage:** Supports storage up to 512 GB (SD card slot)
- **Durable Design:** Water and dust resistant (IP67)

Specification

Camera	
Image Sensor	1/2.8 inch Progressive Scan CMOS
Max. Resolution	1920 × 1080
Min. Illumination	Color: 0.001 Lux @ (F1.0, AGC ON), 0 Lux with light
Shutter Time	1/3 s to 1/100,000 s
Day & Night	IR cut filter
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°
Lens	
Lens Type	Fixed focal lens, 2.8 and 4 mm optional
Focal Length & FOV	2.8 mm, horizontal FOV 106°, vertical FOV 56°, diagonal FOV 129° 4 mm, horizontal FOV 88°, vertical FOV 47°, diagonal FOV 103°
Lens Mount	M12
Iris Type	Fixed
Aperture	F1.0
DORI	
DORI	2.8 mm, D: 44 m, O: 17 m, R: 8 m, I: 4 m 4 mm, D: 53 m, O: 21 m, R: 10 m, I: 5 m
Illuminator	
Supplement Light Type	IR, White Light
Supplement Light Range	Up to 30 m
Smart Supplement Light	Yes
IR Wavelength	850 nm
Video	
Main Stream	50 Hz: 25 fps (1920 × 1080, 1280 × 720) 60 Hz: 30 fps (1920 × 1080, 1280 × 720)
Sub-Stream	50 Hz: 25 fps (640 × 480, 640 × 360) 60 Hz: 30 fps (640 × 480, 640 × 360)
Video Compression	Main stream: H.265/H.264, Sub-stream: H.265/H.264/MJPEG
Video Bit Rate	32 Kbps to 8 Mbps
H.264 Type	Baseline Profile, Main Profile, High Profile
H.265 Type	Main Profile
Bit Rate Control	CBR, VBR
Region of Interest (ROI)	1 fixed region for main stream
Audio	
Audio Type	Mono sound
Audio Compression	G.711/G.722.1/G.726/MP2L2/PCM/AAC-LC
Audio Bit Rate	64 Kbps (G.711)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 160 Kbps (MP2L2)/16 to 64 Kbps (AAC-LC)
Audio Sampling Rate	8 kHz/16 kHz
Environment Noise Filtering	Yes

Network	
Protocols	TCP/IP, UDP, Multicast, NTP, DDNS, PPoE, SNMP, QoS, DHCP, IPv4, IPv6, DNS, HTTP, HTTPS, RTSP, SRTP/RTSPS, Bonjour, NAT, RTCP, UPnP, ONVIF, SSH, SMTP
Simultaneous Live View	Up to 6 channels
API	ONVIF (Profile S, Profile G, Profile T)
Security	Password protection, complicated password, watermark, digest authentication for HTTP, WSSE and digest authentication for ONVIF, TLS 1.3
User/Host	Up to 32 users 3 user levels: administrator, operator, and user
Web Browser	Plug-in required live view: IE 10, IE 11, Local service: Chrome 57.0+, Firefox 52.0+, Edge 89+
Image	
Image Settings	Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance, adjustable by client software or web browser
Day/Night Switch	Day, Night, Auto, Schedule
Wide Dynamic Range (WDR)	Digital WDR
SNR	≥ 52 dB
Image Enhancement	BLC, HLC, 3D DNR
Privacy Mask	4 programmable polygon privacy masks
Interface	
Ethernet Interface	1 RJ45 10 M/100 M self-adaptive Ethernet port
On-Board Storage	Built-in memory card slot, support microSD/micro SDHC/micro SDXC card, up to 512 GB
Built-in Microphone	Yes, 1 built-in microphone
Built-in Speaker	1 built-in speaker, Max. power consumption: 2 W, max. sound pressure level: 10 cm: 101 dB
Reset Key	Yes
Event	
Basic Event	Motion detection (support alarm triggering by specified target types (person and vehicle)), video tampering alarm, exception
Linkage	Upload to FTP/SFTP/memory card, trigger recording, notify surveillance center, send email, trigger capture
General	
Power	12 VDC ± 25%, 0.6 A, max. 7.2 W, Ø5.5 mm coaxial power plug, reverse polarity protection PoE: IEEE 802.3af, Class 3, max. 8.7 W
Material	Metal & Plastic
Dimension	Ø116 mm × 102.4 mm (Ø4.57 inch × 4.03 inch)
Package Dimension	150 mm × 150 mm × 141 mm (5.91 inch × 5.91 inch × 5.55 inch)
Weight	Approx. 400 g
With Package Weight	Approx. 646 g
Storage Conditions	-30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)
Startup and Operating Conditions	-30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)

General Function	Heartbeat, mirror, flash log, password reset via email, password protection, anti-banding
Flashing Light	White Light
Protection	IP67

*Specifications are subject to change without prior notice. *Product picture may differ as per actual.

Available Model

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Dimension

