

PT-NC320P7-WNMS/AW(D2)

2 MP Ranginview Series Fixed Bullet Network Camera with Audio and Strobe Light



Ranginview



Highlights

- **High-Quality Imaging:** 2MP resolution ensures superior image quality
- **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
- **Audio Security:** Built-in microphone for real-time audio security
- **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 90°, 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 56.3°, diagonal FOV 128.7° 4 mm, horizontal FOV 87.5°, vertical FOV 47.1°, diagonal FOV 103.3°
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)
Third Stream	50 Hz: 1 fps (640 × 360) 60 Hz: 1 fps (640 × 360)
Video Compression	Main stream: H.265/H.264, Sub-stream: H.265/H.264/MJPEG Third stream: H.265/H.264
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
Scalable Video Coding (SVC)	H.264 and H.265 encoding
Region of Interest (ROI)	1 fixed region for main stream and sub-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, ICMP, IGMP, UDP, Multicast, NTP, DDNS, SNMP, QoS, DHCP, IPv4, IPv6, DNS, HTTP, HTTPS, RTSP, SRTP/RTSPS, Bonjour, NAT, RTCP, UPnP, ONVIF, SSH, SMTP, ARP
Simultaneous Live View	Up to 6 channels
API	ONVIF (Profile S, Profile T, Profile G, Profile M)
User/Host	Up to 32 users 3 user levels: administrator, operator, and user
Security	Password protection, complicated password, watermark, digest authentication for HTTP, WSSE and digest authentication for ONVIF, TLS 1.3
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)	120 dB
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 micro SD/micro SDHC/micro SDXC card, up to 512 GB
Built-in Microphone	Yes, 1 built-in microphone
Built-in Speaker	Yes, 1 built-in speaker
Reset Key	Yes
Event	
Basic Event	Motion detection (support alarm triggering by specified target types (human and vehicle)), video tampering alarm, exception
Smart Event	Line crossing detection, intrusion detection (support alarm triggering by specified target types (human and vehicle))
Linkage	Upload to FTP/SFTP/memory card, trigger recording, notify surveillance center, send email, trigger capture, audible warning, flashing light
General	
Language	English, Hindi
Power	12 VDC ± 25%, 0.55 A, max. 6.6 W, Ø5.5 mm coaxial power plug, reverse polarity protection PoE: IEEE 802.3af, Class 3, max. 8 W
Material	Front cover: metal, body: metal, bracket: metal
Dimension	178.7 mm × 66 mm × 69.1 mm (7.04 inch × 2.6 inch × 2.72 inch)
Package Dimension	216 mm × 121 mm × 118 mm (8.50 inch × 4.76 inch × 4.65 inch)
Weight	Approx. 450 g
With Package Weight	Approx. 664 g
Storage Conditions	-30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)

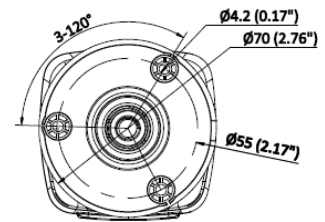
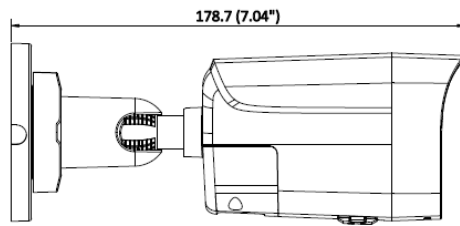
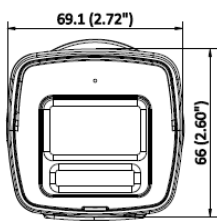
Startup and Operating Conditions	-30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)
General Function	Heartbeat, anti-banding, mirror, password protection, password reset
Flashing Light	White Light
Protection	IP67

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

Available Model

PT-NC320P7-WNMS/AW(D2)

Dimension



Unit: mm (inch)