

PT-NC327P1-WNRAM(D2)

2 MP Smart Light Varifocal Dome Network Camera



Highlights

- **High-Quality Imaging:** 2MP resolution ensures superior image quality
- **Efficient Compression:** Efficient H.265 compression technology saves bandwidth and storage
- **Advanced DNR Technology:** 3D DNR technology delivers clean and sharp images
- **Superior Imaging in Backlight:** Clear imaging against strong back light due to 120 dB true WDR technology
- **Motorized Focus Lens:** Simplifies both installation and monitoring
- **Easy Installation:** Features PoE technology for easy installation
- **Durable Design:** Water and dust resistant (IP67) and vandal-resistant (IK10) for robust protection

Specification

Camera	
Image Sensor	1/2.8 inch Progressive Scan CMOS
Max. Resolution	1920 × 1080
Shutter Time	1/3 s to 1/100,000 s
Min. Illumination	Color: 0.005 Lux @ (F1.6, AGC ON), 0 Lux with light
Day & Night	IR cut filter
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°
Lens	
Lens Type	Motorized varifocal lens, 2.7 to 13.5 mm
Focal Length & FOV	2.7 to 13.5 mm, horizontal FOV 111.5° to 33.4°, vertical FOV 58.4° to 18.8°, diagonal FOV 134.3° to 38.3°
Lens Mount	Ø14
Iris Type	Fixed
Aperture	Max. F1.6
Depth of Field	Wide: 0.7 m to ∞ Tele: 2.7 m to ∞
DORI	
DORI	Wide: D: 42.7 m, O: 16.9 m, R: 8.5 m, I: 4.3 m Tele: D: 132 m, O: 52.4 m, R: 26.4 m, I: 13.2 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
Region of Interest (ROI)	1 fixed region for main stream and sub-stream

Audio	
Audio Type	Mono sound
Environment Noise Filtering	Yes
Audio Sampling Rate	8 kHz/16 kHz
Audio Compression	G.711/G.722.1/G.726/MP2L2/PCM/MP3/AAC-LC
Audio Bit Rate	64 Kbps (G.711ulaw/G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 192 Kbps (MP2L2)/8 to 320 Kbps (MP3)/16 to 64 Kbps (AAC-LC)
Network	
Security	Password protection, complicated password, HTTPS encryption, watermark, digest authentication for HTTP/HTTPS, WSSE and digest authentication for ONVIF, RTSP over HTTPS, TLS 1.3
Simultaneous Live View	Up to 6 channels
API	ONVIF (Profile S, Profile T, Profile G)
Protocols	TCP/IP, UDP, Multicast, NTP, DDNS, SNMP, QoS, DHCP, IPv4, IPv6, DNS, HTTP, HTTPS, RTSP, SRTP/RTSPS, Bonjour, NAT, RTCP, UPnP, ONVIF, SSH, SMTP
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	
Wide Dynamic Range (WDR)	120 dB
SNR	≥ 52 dB
Day/Night Switch	Day, Night, Auto, Schedule
Image Enhancement	BLC, HLC, 3D DNR
Image Settings	Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance, adjustable by client software or web browser
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
Audio	Built-in Microphone 1 input (line in), two-core terminal block, max. input amplitude: 3.3 Vpp, input impedance: 4.7 K Ω , interface type: non-equilibrium, 1 output (line out), two-core terminal block, max. output amplitude: 3.3 Vpp, output impedance: 100 Ω , interface type: non-equilibrium
Alarm	1 input, 1 output (max. 12 VDC, 30 mA)
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

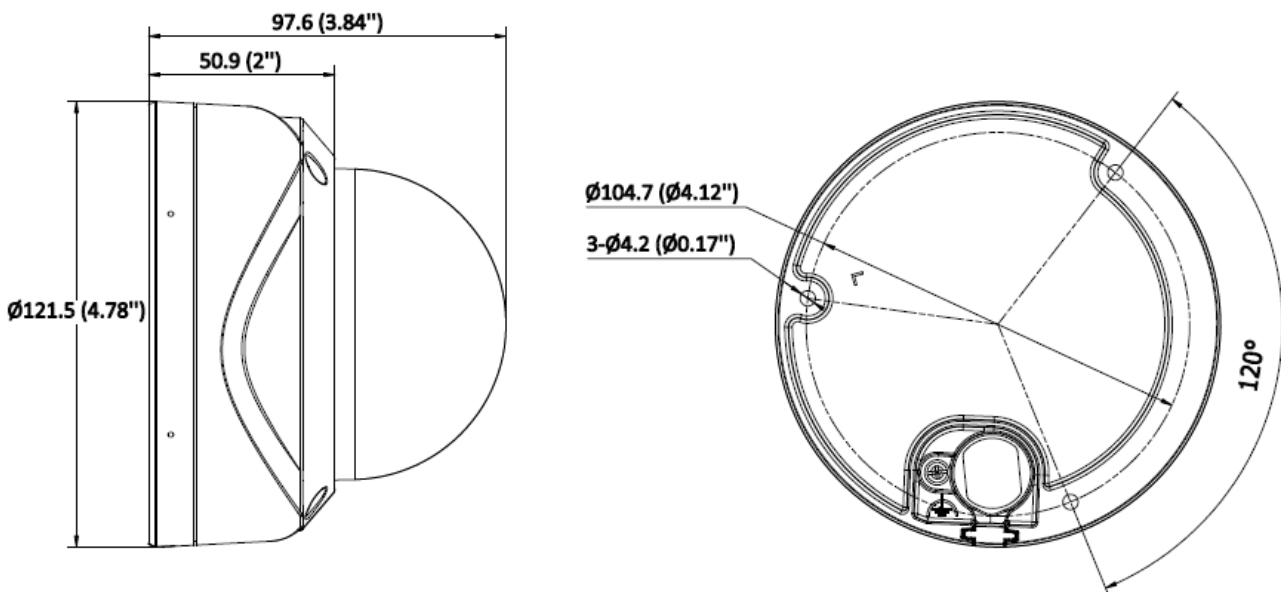
Linkage	Upload to FTP/SFTP/memory card, notify surveillance center, send email, trigger recording, trigger capture, audible warning
General	
Power	12 VDC \pm 25%, 0.8 A, max. 9.6 W, \varnothing 5.5 mm coaxial power plug, reverse polarity protection, PoE: IEEE 802.3af, Class 3, max. 12 W
Material	Aluminum alloy
Dimension	\varnothing 121.5 mm \times 97.6 mm (\varnothing 4.78 inch \times 3.84 inch)
Package Dimension	150 mm \times 150 mm \times 141 mm (5.9 inch \times 5.9 inch \times 5.6 inch)
Weight	Approx. 600 g
With Package Weight	Approx. 830 g
Storage Conditions	-30 $^{\circ}$ C to 60 $^{\circ}$ C (-22 $^{\circ}$ F to 140 $^{\circ}$ F). Humidity 95% or less (non-condensing)
Startup and Operating Conditions	-30 $^{\circ}$ C to 60 $^{\circ}$ C (-22 $^{\circ}$ F to 140 $^{\circ}$ F). Humidity 95% or less (non-condensing)
General Function	Heartbeat, mirror, password reset via email, pixel counter, password protection, anti-banding
Protection	IP67, IK10

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

Available Model

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Dimension



Unit: mm (inch)