

PT-NC321P1-NAS(D2) 2 MP Fixed Dome Network Camera



Highlights

- **High-Quality Imaging:** 2MP resolution ensures superior image quality
- **Target Classification:** Focus on human and vehicle classification based on advanced intelligent algorithms
- **IR Technology:** Support Advance IR technology
- **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
- **On-Board Storage:** Supports storage up to 512 GB (SD card slot)
- **Durable Design:** Water and dust resistant (IP67)

Specification

Camera	
Image Sensor	1/2.4 inch Progressive Scan CMOS
Max. Resolution	1920 × 1080
Min. Illumination	Color: 0.005 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR
Shutter Time	1/3 s to 1/100,000 s
Day & Night	IR cut filter
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°
Lens	
Lens Type	Fixed focal lens, 2.8 mm
Focal Length & FOV	2.8 mm, horizontal FOV 105°, vertical FOV 55°, diagonal FOV 127°
Lens Mount	M12
Iris Type	Fixed
Aperture	F1.6
DORI	
DORI	2.8 mm, D: 76 m, O: 30 m, R: 15 m, I: 7 m
Illuminator	
Supplement Light Type	IR
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/AAC-LC
Audio Bit Rate	64 Kbps (G.711ulaw/G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 160 Kbps (MP2L2)/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 Open Network Video Interface, RTSP over HTTPS, TLS 1.3
Simultaneous Live View	Up to 6 channels
API	Open Network Video Interface (Profile S, Profile T, Profile G)
Protocols	TCP/IP, UDP, ICMP, IGMP, Multicast, NTP, DDNS, SNMP, QoS, DHCP, IPv4, IPv6, DNS, HTTP, HTTPS, RTSP, SRTP/RTSPS, Bonjour, NAT, RTCP, UPnP, ONVIF, SSH, SMTP, ARP
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 microSD/microSDHC/microSDXC card, up to 512 GB
Alarm	1 input, 1 output (max. 12 VDC, 30 mA)
Audio	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
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
General	
Language	English, Hindi
Power	12 VDC \pm 25%, 0.5 A, max. 6 W, \varnothing 5.5 mm coaxial power plug, reverse polarity protection, PoE: IEEE 802.3af, Class 3, max. 7.5 W
Material	Base: aluminum alloy, cover: plastic
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 (5.91 inch \times 5.91 inch \times 5.55 inch)
Weight	Approx. 495 g (1.1 lb.)
With Package Weight	Approx. 705 g (1.6 lb.)
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 °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, pixel counter, password protection, anti-banding
Approval	
Protection	IP67

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

Available Model

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Dimension

