# PT-NC140D3-IUF(D)
# 4 MP Fixed Network Bullet Camera



**3D DNR** · **WDR** · **H.265+** · **IR** · **IP67** · **HD**

## Key Features

- High quality imaging with 4 MP resolution

- Efficient H.265+ compression technology

- Clear imaging even with strong back lighting due to 120 dB WDR

- Water and dust resistant (IP67)

- EXIR 2.0: advanced infrared technology with long IR range

- Built-in microphone for real-time audio security

# Specification

| Camera | |
|---|---|
| Image Sensor | 1/3 inch progressive scan CMOS |
| Min. Illumination | Color: 0.01 Lux @ (F2.0, AGC ON), B/W: 0 Lux with IR |
| Shutter Speed | 1/3 s to 1/100,000 s |
| Slow Shutter | Yes |
| Wide Dynamic Range | 120 dB |
| Day & Night | IR cut filter |
| Angle Adjustment | Pan: 0° to 360°, tilt: 0° to 180°, rotate: 0° to 360° |

| Lens | |
|---|---|
| Focal Length & FOV | 4 mm, horizontal FOV 78.7°, vertical FOV 43.1°, diagonal FOV 92.3° |
| Lens Mount | M12 |
| Focus | Fixed |
| Aperture | F2.0 |

| Illuminator | |
|---|---|
| IR Wavelength | 850 nm |
| IR Range | Up to 30 m |

| Video | |
|---|---|
| Max. Resolution | 2560 × 1440 |
| Main Stream | 50 Hz: 20 fps (2560 × 1440)<br>     25 fps (2304 × 1296, 1920 × 1080, 1280 × 720)<br>60 Hz: 20 fps (2560 × 1440)<br>     30 fps (2304 × 1296, 1920 × 1080, 1280 × 720) |
| Sub-Stream | 50 Hz: 25 fps (640 × 480, 640 × 360)<br>60 Hz: 30 fps (640 × 480, 640 × 360) |
| Video Compression | Main stream: H.265/H.264<br>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 |
| H.264+ | Main stream supports |
| H.265+ | Main stream supports |
| Region of Interest (ROI) | 1 fixed region for main stream |

## Audio

| | |
|---|---|
| Audio Compression | G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/AAC |
| 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) |
| Audio Sampling Rate | 8 kHz/16 kHz |
| Environment Noise Filtering | Yes |

## Network

| | |
|---|---|
| Protocols | TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP™, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour, IPv4, UDP, SSL/TLS |
| Simultaneous Live View | Up to 6 channels |
| API | ISAPI |
| User/Host | Up to 32 users. 3 levels: administrator, operator and user |
| Network Storage | -UF: NAS (NFS, SMB/CIFS), ANR |
| Client | PRAMA VMS Standard, PRAMA-ONLINE |
| Web Browser | Plug-in required live view: IE 10+<br>Plug-in free live view: Chrome 57.0+, Firefox 52.0+<br>Local service: Chrome 57.0+, Firefox 52.0+ |

## Image

| | |
|---|---|
| Image Settings | Saturation, brightness, contrast, sharpness, AGC, white balance adjustable by client software or web browser |
| Day/Night Switch | Auto, Schedule, Day, Night |
| Image Enhancement | BLC, 3D DNR |

## Interface

| | |
|---|---|
| Ethernet Interface | 1 RJ45 10 M/100 M self-adaptive Ethernet port |
| On-Board Storage | -UF: Built-in memory card slot, support microSD card, up to 256 GB |
| Built-in Microphone | -UF: Yes |

| Hardware Reset | -UF: Yes |
|---|---|
| **Event** | |
| Basic Event | Motion detection, video tampering, exception |
| **General** | |
| Linkage Method | Upload to FTP, notify surveillance center, send email<br>-UF also supports: upload to memory card, trigger recording, trigger capture |
| Camera Material | Metal & Plastic |
| 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) |
| Web Client Language | English |
| General Function | Anti-flicker, heartbeat, mirror, password protection, privacy mask, watermark, IP address filter |
| Firmware Version | V5.5.120 |
| Power Consumption and Current | 12 VDC, 0.4 A, max. 5 W<br>PoE: (802.3af, 36 V to 57 V), 0.2 A to 0.15 A, max. 6.5 W |
| Power Supply | 12 VDC ± 25%<br>PoE: 802.3af, Class 3 |
| Power Interface | Ø5.5 mm coaxial power plug |
| Protection | IP67 (IEC 60529-2013) |

*Specifications are subject to change without prior notice. *Product picture may differ from the actual.

## Available Model

PT-NC140D3-IUF(D) (4 mm)