

PT-NC160D3-WNM(D2) 6 MP Smart Dual Light Fixed Bullet Network Camera



Highlights

- **High-Quality Imaging:** 6MP 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
- **Audio Security:** Built-in microphone for real-time audio security
- **Efficient Compression:** Efficient H.265+ compression technology saves bandwidth and storage
- **Durable Design:** Water and dust resistant (IP67)

Specification

| Camera | |
|-----------------------------|--|
| Image Sensor | 1/2.4 inch Progressive Scan CMOS |
| Max. Resolution | 3200 × 1800 |
| Shutter Time | 1/3 s to 1/100,000 s |
| Min. Illumination | Color: 0.005 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR |
| 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, 4 mm |
| Focal Length & FOV | 4 mm, horizontal FOV 78°, vertical FOV 38°, diagonal FOV 96° |
| Lens Mount | M12 |
| Iris Type | Fixed |
| Aperture | F1.6 |
| DORI | |
| DORI | 4 mm, D: 115 m, O: 45 m, R: 23 m, I: 11 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: 20 fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 20 fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) |
| Sub-Stream | 50 Hz: 20 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 20 fps (1280 × 720, 640 × 480, 640 × 360) |
| Video Compression | Main stream: H.265+/H.265/H.264+/H.264, Sub-stream: H.265/H.264/MJPEG |
| Video Bit Rate | 32 Kbps to 16 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 |
| 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)/64 Kbps (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, watermark, digest authentication for HTTP, WSSE and digest authentication for ONVIF, security audit log |

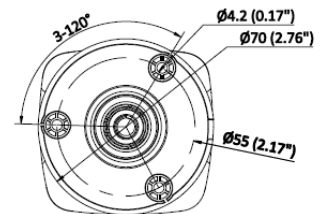
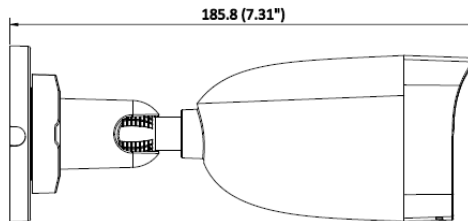
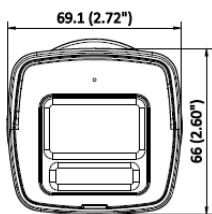
| | |
|----------------------------------|--|
| Simultaneous Live View | Up to 6 channels |
| API | ONVIF (Profile S, Profile T) |
| Protocols | TCP/IP, ICMP, DHCP, DNS, HTTP, RTSP, NTP, IGMP, IPv6, UDP, QoS, SMTP |
| User/Host | Up to 32 users 3 user levels: administrator, operator, and user |
| Web 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 |
| Built-in Microphone | Yes |
| Event | |
| Basic Event | Motion detection (support alarm triggering by specified target types (human and vehicle)), video tampering alarm, exception |
| Linkage | send email, notify surveillance center, trigger capture |
| General | |
| Power | 12 VDC ± 25%, 0.41 A, max. 4.92 W, Ø5.5 mm coaxial power plug, reverse polarity protection PoE: IEEE 802.3af, Class 3, max. 6.5 W |
| Material | Metal & Plastic |
| Dimension | 185.8 mm × 66 mm × 69.1 mm (7.31 inch × 2.6 inch × 2.72 inch) |
| Package Dimension | 216 mm × 121 mm × 118 mm (8.5 inch × 4.8 inch × 4.6 inch) |
| Weight | Approx. 285 g |
| With Package Weight | Approx. 481 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 via email |
| Protection | IP67 |

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

Available Model

PT-NC160D3-WNM(D2)

Dimension



Unit: mm (inch)