**NC324-TD(A)**

**4 MP IR Fixed Dome Network Camera**



**Key Features**

* BLC/3D DNR/ROI
* IP67, IK10
* Built-in micro SD/SDHC/SDXC card slot, up to 128 GB
* 3-Axis adjustment
* 1/3" Progressive Scan CMOS
* 2688 × 1520 @30fps
* 2.8/4/6/8 mm fixed lens
* Color: 0.01 Lux @ (F1.2, AGC ON),

0.018 Lux @ (F1.6, AGC ON), 0 Lux with IR

* H.265+, H.265, H.264+, H.264
* Three streams
* 120dB WDR
* 2 Behavior analyses, and face detection

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| **Specifications** |
| ***Camera*** |
| Image Sensor | 1/3" Progressive Scan CMOS |
| Min. Illumination | Color: 0.01 Lux @ (F1.2, AGC ON), 0.018 Lux @ (F1.6, AGC ON), 0 Lux with IR |
| Shutter Speed | 1/3 s to 1/100,000 s |
| Slow Shutter | Yes |
| Auto-Iris | No |
| Day & Night | IR Cut Filter |
| Digital Noise Reduction | 3D DNR |
| WDR | 120dB |
| 3-Axis Adjustment | Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355° |
| ***Lens*** |
| Focal length | 2.8/4/6/8 mm |
| Aperture | F1.6 |
| Focus | Manual |
| FOV | 2.8 mm @ F1.6: horizontal FOV: 103°, vertical FOV: 58°, diagonal FOV: 123°4 mm @F1.6: horizontal FOV: 83°, vertical FOV: 45°, diagonal FOV: 99°6 mm @F1.6: horizontal FOV: 51°, vertical FOV: 29°, diagonal FOV: 58°8 mm @F1.6: horizontal FOV: 39°, vertical FOV: 22°, diagonal FOV: 45° |
| Lens Mount | M12 |
| ***IR*** |  |
| IR Range | Up to 30 m |
| Wavelength | 850nm |
| ***Compression Standard*** |  |
| Video Compression  | Main stream: H.265/H.264Sub-stream: H.265/H.264/MJPEGThird stream: H.265/H.264 |
| H.264 Type | Main Profile/High Profile |
| H.264+ | Main stream and sub-stream support |
| H.265 Type | Main Profile |
| H.265+ | Main stream and sub-stream support |
| Video Bit Rate | 256 Kbps to 16 Mbps |
| Audio Compression (-S) | G.711/G.722.1/G.726/MP2L2/PCM |
| Audio Bit Rate | 64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-192Kbps(MP2L2) |
| ***Smart Feature-set*** |  |
| Behavior Analysis | Line crossing detection, intrusion detection |
| Face Detection | Yes |
| Region of Interest | 1 fixed region for main stream and sub-stream |
| ***Image*** |
| Max. Resolution | 2688 × 1520 |
| Main Stream | 50Hz:25fps (2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080)60Hz: 30fps (2688 × 1520, 2560 × 1440, 2304 × 1296, 1920 × 1080) |
| Sub-Stream | 50Hz: 25fps (640 × 480, 640 × 360, 320 × 240)60Hz: 30fps (640 × 480, 640 × 360, 320 × 240) |
| Third Stream | 50Hz: 25fps (1280 × 720, 640 × 360, 352 × 288)60Hz: 30fps (1280 × 720, 640 × 360, 352 × 240) |
| Image Enhancement | BLC/3D DNR  |
| Image Setting | Rotate mode, saturation, brightness, contrast, sharpness adjustable by client software or web browser |
| Target Cropping | No |
| Day/Night Switch | Day/Night/Auto/Schedule/Triggered by alarm in (-S)  |
| ***Network*** |
| Network Storage | Support Micro SD/SDHC/SDXC card (128G), local storage and NAS (NFS,SMB/CIFS), ANR |
| Alarm Trigger | Motion detection, video tampering, network disconnected, IP address conflict, illegal login, HDD full, HDD error |
| Protocols | TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP™, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour |
| General Function | One-key reset, anti-flicker, three streams, heartbeat, mirror, password protection, privacy mask, watermark, IP address filter |
| API | ONVIF (PROFILE S, PROFILE G), ISAPI |
| Simultaneous Live View | Up to 6 channels |
| User/Host | Up to 32 users3 levels: Administrator, Operator and User |
| Client | CMS, Guarding vision |
| Web Browser | IE8+, Chrome 31.0-44, Firefox 30.0-51, Safari 8.0+ |
| ***Interface*** |  |
| Audio (-S) | 1 input (line in/mic.in), 1 output (line out), terminal block, mono sound |
| Communication Interface | 1 RJ45 10M/100M self-adaptive Ethernet port |
| Alarm (-S) | 1 input, 1 output (up to 12 VDC, 30 mA), terminal block |
| Video Output | No |
| On-board storage | Built-in Micro SD/SDHC/SDXC slot, up to 128 GB |
| SVC | H.264 and H.265 encoding |
| Reset Button | Yes |
| ***Audio (-S)*** |  |
| Environment Noise Filtering | Yes |
| Audio Sampling Rate | 16 kHz/32 kHz/44.1 kHz/48 kHz |
| ***General*** |
| Operating Conditions | -30 °C to +60 °C (-22 °F to +140 °F), Humidity 95% or less (non-condensing) |
| Power Supply | 12 VDC ± 25%, Φ 5.5 mm coaxial power plugPoE (802.3af, class 3) |
| Power Consumption and Current | 12 VDC, 0.5A, max. 6WPoE (802.3af, 37V to 57V), 0.2A to 0.1A, max. 7.5W |
| Protection Level | IP67, IK10TVS 2000V Lightning Protection, Surge Protection and Voltage Transient Protection |
| Material | Metal |
| Dimensions | Camera: Φ 111 × 82.4 mm (Φ 4.4" × 3.2")Package: 134 × 134 × 108 mm (5.3" × 5.3" × 4.3") |
| Weight | Camera: Approx. 610 g (1.3 lb.)With Package: Approx. 820 g (1.8 lb.) |

**Available Model:**

NC324-TD, NC324-TDA

Unit: mm

**Accessories**

**Dimensions**

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| Inclined ceiling mount1259ZJ | Wall mount1272ZJ-110 | Wall mount + Junction Box1272ZJ-110B | Pendant mount1271ZJ-110 |
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| Junction Box1280ZJ-DM18 | Corner mount1276ZJ | Vertical Pole mount1275ZJ | Rain-proof Cap1250ZJ |

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