

# NC303-TDC

## 3MP IP Wi-Fi Dome Camera

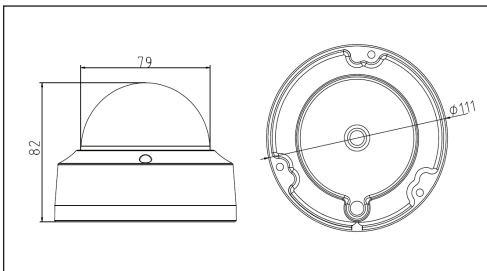
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Axis



### Key features

- Up to 3 megapixel (2048 × 1536) resolution
- Standard video compression with high compression ratio, ROI (region of interest) encoding
- Progressive scan CMOS, capture motion video without incised margin
- Support dual stream, and the sub-stream for mobile surveillance
- High-performance and long service life infrared LED, Approx. 10 to 30 meters IR range
- Support Wi-Fi (-C)
- IR cut filter with auto switch
- PoE (Power over Ethernet)
- Built-in Micro SD / SDHC / SDXC card slot, up to 64 GB
- Ingress Protection level: IP66
- Impact Protection: IEC60068-2-75 test, Eh, 20J; EN50102, up to IK10
- Other functions: rotate mode, alarm, mirror, reset button, etc
- Support intrusion detection and line crossing detection
- Support VCA, which is compatible with NVR for the second time of video searching and analysing

### Dimensions



\* "-C" series support Wi-Fi (802.11b/g/n) and the modules with Wi-Fi function don't support the 802.1X protocol.

### Specification

| NC303-TDC   |   |
|---|---|
| <b>Camera</b>   |   |
| Image Sensor  | 1/3" progressive scan CMOS  |
| Min. Illumination   | 0.07Lux @ (F1.2, AGC ON) ,0 Lux with IRx ; 0.19 Lux @ (F2.0, AGC ON) ,0 Lux with IR   |
| Shutter Speed   | 1/3 s to 1/100,000 s  |
| Lens  | 4mm @ F2.0 (2.8mm, 6mm optional) ; Angle of view: 98.5°(2.8mm), 79°(4mm) , 49°(6mm)   |
| Lens Mount  | M12   |
| Day & Night   | IR cut filter with auto switch  |
| Digital Noise Reduction   | 3D DNR  |
| Wide Dynamic Range  | Digital WDR   |
| Angle Adjustment  | Pan:0° - 355°, Tilt: 0° - 75°, Rotation: 0-355°   |
| <b>Compression Standard</b>   |   |
| Video Compression   | H.264/ MJPEG  |
| H.264 Type  | Main Profile  |
| Video Bit Rate  | 32 Kbps – 12 Mbps   |
| Dual Stream   | Yes   |
| Audio Compression (-S)  | G.711/G.722.1/G.726/MP2L2   |
| Audio Bit Rate (-S)   | 64Kbps (G.711) / 16Kbps (G.722.1) / 16Kbps (G.726) / 32-128Kbps (MP2L2)   |
| <b>Image</b>  |   |
| Max. Resolution   | 2048 × 1536   |
| Frame Rate  | 50Hz: 20fps(2048 × 1536), 25fps(1920 × 1080), 25fps (1280 × 720)<br>60Hz: 20fps(2048 × 1536), 30fps(1920 × 1080), 30fps (1280 × 720)                                    |
| Image Settings  | Rotate mode, Saturation, Brightness, Contrast adjustable by client software or web browser  |
| Backlight Compensation  | Yes, zone optional  |
| ROI   | Support   |
| <b>Network</b>  |   |
| Network Storage   | Local storage: Built-in Micro SD/SDHC/SDXC card slot, up to 64 GB.<br>NAS (Support NFS,SMB/CIFS)  |
| Alarm Trigger   | Intrusion detection, Line crossing detection, Motion detection, Dynamic analysis, Tampering alarm, Network disconnect, IP address conflict, Storage full, Storage 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   |
| Security  | User Authentication, Watermark  |
| Standard  | ONVIF, PSIA, CGI, ISAPI   |
| <b>Interface</b>  |   |
| Communication Interface   | 1 RJ45 10M/100M Ethernet interface  |
| Alarm interface   | -S: 1 alarm I/O   |
| Audio interface   | -S: 1 alarm I/O   |
| <b>Wi-Fi Specification (Only for the products with Wi-Fi module built-in)</b> |   |
| Wireless Standards  | IEEE802.11b, 802.11g, 802.11n   |
| Frequency Range   | 2.4 GHz ~ 2.4835 GHz  |
| Channel Bandwidth   | 20/40MHz Support  |
| Protocols   | 802.11b: CCK, QPSK, BPSK ; 802.11g/n: OFDM  |
| Security  | 64/128-bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK, WPS   |
| Transmit Output Power   | 11b: 17±1.5dBm @ 11Mbps, 11g: 14±1.5dBm @ 54Mbps, 11n: 12.5±1.5dBm  |
| Receive Sensitivity   | 11b: -90dBm@11Mbps (Typical), 11g: -75dBm@54Mbps (Typical), 11n: -74dBm (Typical)   |
| Transfer Rates  | 11b: 11Mbps, 11g: 54Mbps, 11n: up to 150Mbps  |
| Wireless Range  | 50m (depend on environment)   |
| Wireless Standards  | IEEE802.11b, 802.11g, 802.11n   |
| <b>General</b>  |   |
| Operating Conditions  | -30 °C – 60 °C (-22 °F – 140 °F), Humidity 95% or less (non-condensing)   |
| Power Supply  | 12 V DC ± 10%, PoE (802.3af)  |
| Power Consumption   | Max. 5W   |
| Ingress Protection Level  | IP66  |
| IR Range  | 30 meters   |
| Impact Protection   | IEC60068-2-75Eh, 20J; EN50102, up to IK10   |
| Dimensions  | Φ111 × 82 (4.4" × 3.2")   |
| Weight  | 500g (1.1 lb)   |