

# TC-NC9101S3E-4MP-E-I5 (2.8-12mm)

## 4MP H.265 Motorized IR Bullet Camera

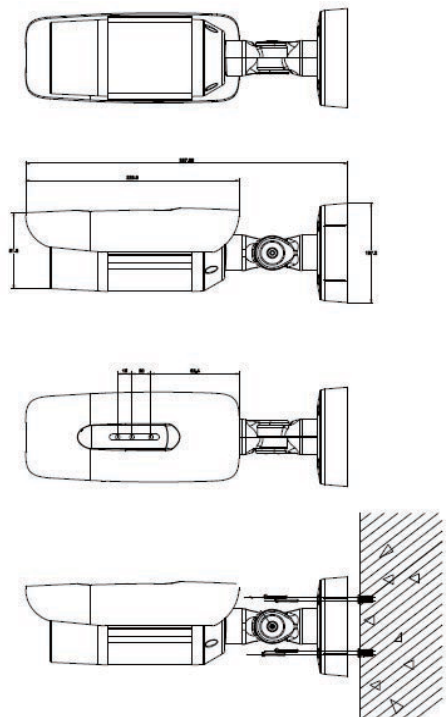
# Tiandy



### Key Features

- H.265 Codec
- Up To 2560X1440 High Resolution
- Smart IR, IR Range: 30m~50m
- NIR, WDR, 3D DNR, HLC, Dual-ICR, AWB, AGC, BLC
- Triple Streams
- Smart VQD(Video Quality Diagnosis)
- 9 Kinds of Video Analysis Functions
- 9 Languages Supported
- Smart Defog
- Audio I/O 1/1, Alarm I/O 2/0, MicroSD Card Slot, up to 128G, Reset Button, USB
- TVS 6000V, Lightning/Surge 2000V Protection, IP67
- CE, FCC

### Dimensions



|                             |  |
|-----------------------------|--|
| <b>Camera</b>               |  |
| Image Sensor                | 1/3" OV CMOS   |
| Core Processor              | ARM9 Architecture  |
| Operating System            | Embedded Linux   |
| Signal System               | PAL/NTSC   |
| Min. Illumination           | Color: 0.05 Lux @(F1.4, AGC ON)<br>B/W: 0.01 Lux @(F1.4, AGC ON); 0 Lux with IR  |
| Shutter Time                | 1s to 1/100,000s   |
| Lens                        | Motorized 2.8-12mm, Angle of View: 90.8°~32.1°   |
| Lens Mount                  | φ14  |
| Auto Iris                   | DC Drive   |
| Day& Night                  | IR Cut Filter with Auto Switch   |
| Wide Dynamic Range          | 120 dB   |
| Digital Noise Reduction     | 3D DNR   |
| Focus                       | Auto   |
| <b>Compression Standard</b> |  |
| Video Compression           | H.265/H.264 HP/MP/BP/M-JPEG  |
| Video Bit Rate              | 32Kbps~16Mbps  |
| Audio Compression           | G.711A/G.711U/ADPCM/AAC  |
| Audio Bit Rate              | G711 8KHz, 64kbps<br>ADPCM 8KHz, 32kbps<br>AAC 48KHz, 96-320kbps   |
| <b>Image</b>                |  |
| Max. Image Resolution       | 2560X1440<br>PAL: 1440p@25fps, QXGA@25fps, 1080p@25fps, 960p@25fps, 720p@25fps, Up to 1280*720@50fps                                       |
| Frame Rate                  | NTSC: 1440p@25fps, QXGA@30fps, 1080p@30fps, 960p@30fps, 720p@30fps, Up to 1280*720@60fps   |
| Triple Stream               | Mainstream: 1440P(2560*1440)<br>Substream: D1(704*576)<br>3rd stream: CIF(352*288)   |
| Image Settings              | Brightness, Saturation, Contrast, Flip Mode Adjustable by Client Software or Web Browser   |
| HLC                         | Y  |
| Smart Defog                 | Y  |
| Corridor Format             | Y, Available for 720P and Above  |
| EIS                         | Y  |
| ROI                         | 4 Zones  |
| Privacy Mask                | 4 Zones  |
| Picture Overlay             | 200 × 200, BMP 24bit, Zone Configurable<br>16×16, 32×32, 24×24, 48×48, 64×64, 96×96 Size Letters Such as Week, Date, Time, Total 5 Regions |
| OSD                         |  |
| <b>Network</b>              |  |
| Browser                     | IE8, IE9, IE10, IE11, Chrome30, Firefox24  |
| Network Storage             | FTP  |
| NTP                         | Y  |
| ANR                         | Y, Auto store video in SD card when NVR disconnected, and upload video to NVR when resumed connection(Only Support Tiandy ANR NVR)         |
| Video Analytics             | Tripwire/Perimeter/Crowd/Foreign Object/Missing Object/Fast Moving/Loitering/Parking/Scene Change/Blur Image/Abnormal Audio                |
| Alarm Trigger               | Motion Detection/IP Conflict/MAC Conflict/Port Alarm/Mask Alarm  |
| Protocols                   | IPV4/IPV6/HTTP/802.1x/FTP/SNTP/UPnP/SNMP/DNS/DDNS/NTP/RTSP/TCP/UDP/DHCP/PPPoE  |
| User Permission             | 4 Level/8 Users  |
| Remote Connection           | 4 Users Access at the Same Time  |
| System Compatibility        | ONVIF (Profile S), SDK, CGI  |
| <b>Interface</b>            |  |
| Audio Input                 | 1-ch   |
| Audio Output                | 1-ch   |
| Communication Interface     | 1-ch RJ45 10M / 100M Ethernet Interface  |
| Alarm Input                 | 2-ch   |
| Alarm Output                | 1-ch   |
| Video Output                | 1-ch Vp-p Composite Output (75 Ω, BNC)   |
| On-board Storage            | MicroSD Card Slot, up to 128GB   |
| Reset Button                | Y  |
| Extension                   | 1x USB   |
| <b>General</b>              |  |
| Language                    | English, Spanish, Korean, Italian, Turkish, Thai, Russian, Traditional Chinese, Polish, France   |
| Operating Conditions        | -30℃~60℃ (IR OFF) /-30℃~40℃ (IR ON), 0~95% RHG   |
| Power Supply                | DC12 V ± 20%, PoE (802.3af)  |
| Power Consumption           | Max. 3.2W (IR OFF) (ICR Instant Switch 8.5W)<br>Max. 7.4W (IR ON)  |
| Circuit Protection          | TVS 6000V, Lightning/Surge Protection: (Power 2000V, RJ45 1000V)   |
| Impact Protection           | IP67   |
| IR Range                    | 30m~50m  |
| IR LEDs                     | 54pcs φ5 Array IR LEDs   |
| Dimensions                  | 337mm×107mm×107mm  |
| Weight                      | 1.3KG (IP Camera Only); 1.6KG (with Packing Box)   |

\* The latest product information / specification can be found at <http://en.tiandy.com/>

