



## TC-A35555 Spec:0/A/2.8-12mm/9-54mm

PTZ Camera

Pro Series



### KEY FEATURES

- Up to Panorama:2560×1440@25fps Detail: 2560×1440@25fps
- Panorama:0.0008lux Detail:0.003lux
- S+265/H.265/H.264/M-JPEG
- Optical Zoom Panorama:4X Detail:6X
- Built-in Micro SD card slot, up to 512 GB
- Support Smart surveillance, Capture facial images
- Operating Conditions -40°C~70°C(IR OFF) -40°C~40°C(IR ON), 0~95%
- AC24V±25%\DC24V±10%
- IP66



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SPECIFICATIONS

| Camera               |  |
|----------------------|--|
| Image Sensor         | Panorama:1/1.8"CMOS<br>Detail:1/1.8"CMOS   |
| Min. Illumination    | Panorama:0.0008lux<br>Detail:0.003lux  |
| Shutter Time         | 1s~1/100000s   |
| Day&Night            | IR-cut filter with auto switch (ICR)   |
| WDR                  | 120dB  |
| Lens                 |  |
| Focal Length         | Panorama:2.8mm~12mm<br>Detail:9mm~54mm   |
| Optical Zoom         | Panorama:4X<br>Detail:6X   |
| Digital Zoom         | Panorama:N/A<br>Detail:16X   |
| Zoom Speed           | <3s  |
| Aperture Range       | Panorama:F1.36<br>Detail:F1.35~F1.55   |
| Field of View        | Panorama:114.20°~47.94°(H)<br>Detail:41°~9.1°(H); Panorama:59.36°~27.07°(V)<br>Detail:23.4°~5.2°(V); Panorama:141.10°~55.09°(D)<br>Detail:46.7°~10.4°(D) |
| Focus Control        | Panorama: N/A<br>Detail:Auto/Semi-auto/Manual  |
| Iris Control         | Panorama:Fixed<br>Detail:Auto  |
| Close Focus Distance | Panorama:1000mm~2500mm<br>Detail:500mm~3000mm  |
| DORI Distance        | Panorama:<br>Detect:124m Observe:49m Recognize:25m Identify:12m<br>Detail:<br>Detect:626m Observe:248m Recognize:125m Identify:62m                       |
| Pan&Tilt             |  |
| Pan Range            | Panorama:-130~130°<br>Detail:0~360°  |
| Tilt Range           | Panorama:0°-30°<br>Detail: '-16°~90° (Default -3°~90°)   |
| Tilt Speed           | Panorama:<br>Manual Speed:15°/s<br>Preset Speed:15°/s<br>Detail:<br>Manual Speed:100°/s<br>Preset Speed:150°/s   |

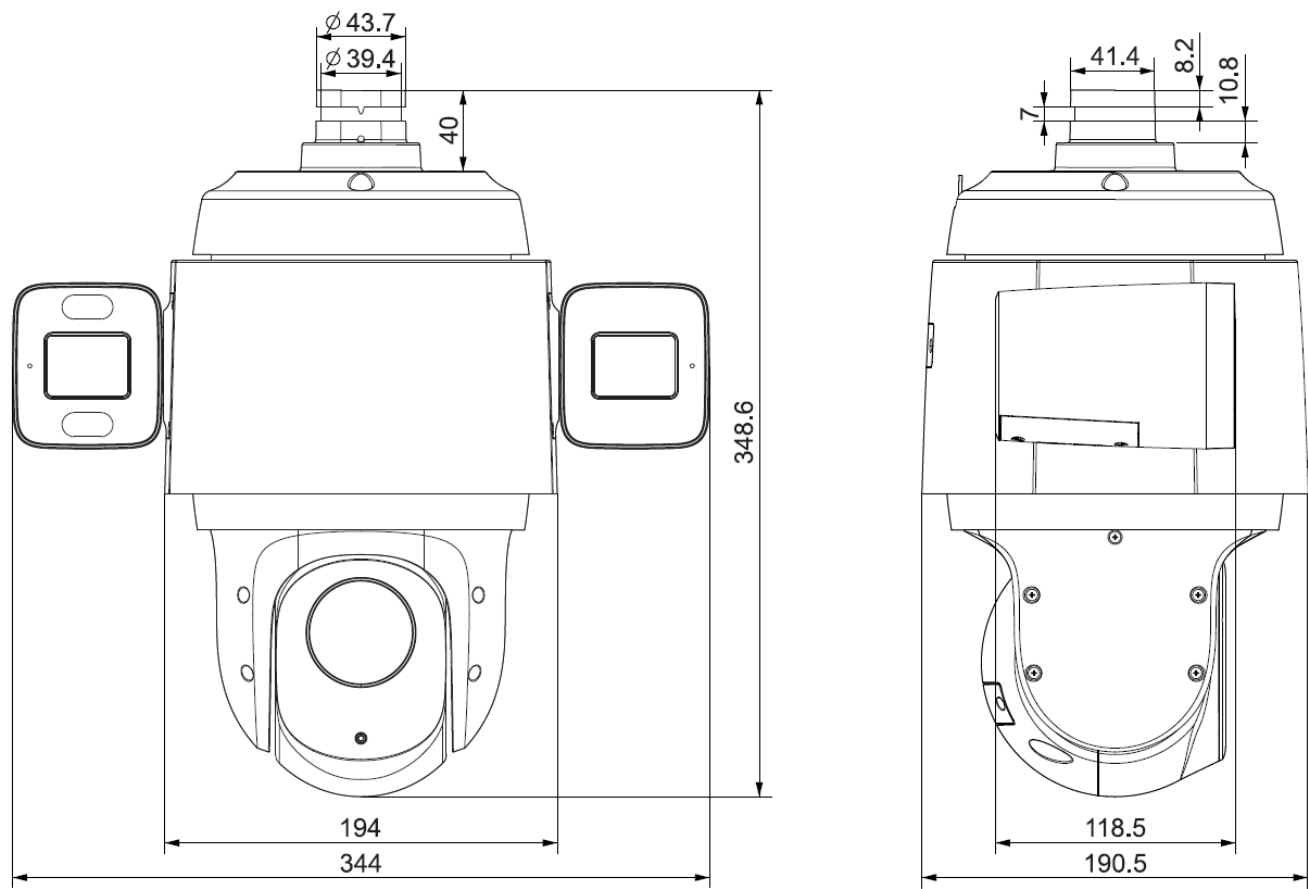
|                             |  |
|-----------------------------|--|
| 3D Position                 | Yes  |
| Preset                      | 500  |
| Cruise                      | 16, up to 32 presets per cruise                    |
| Scan                        | 8  |
| Pattern                     | 8, each with 600s memory or 1000 orders            |
| Scheduled Task              | Preset、Cruise、Scan、Pattern                         |
| North Point                 | Yes  |
| Power-off Memory            | Yes  |
| Preset Freezing             | Yes  |
| <b>Illuminator</b>          |  |
| IR LEDs                     | Panorama: N/A<br>Detail:6                          |
| IR Distance                 | Panorama: N/A<br>Detail:100m                       |
| Wavelength                  | 850nm  |
| IR Irradiation Angle        | Panorama:N/A<br>Detail:Adjustable by Zoom          |
| White LEDs                  | Panorama:4<br>Detail:N/A                           |
| Whitelight Distance         | Panorama:30m<br>Detail:N/A                         |
| Red and blue alarm flash    | Yes  |
| Laser                       | Panorama:N/A<br>Detail:N/A                         |
| Laser Distance              | Panorama:N/A<br>Detail:N/A                         |
| <b>Compression Standard</b> |  |
| Video Compression           | S+265/H.265/H.264/M-JPEG                           |
| Video Bit Rate              | Panorama:32Kbps~16Mbps<br>Detail:32Kbps~16Mbps     |
| Audio Compression           | G.711A/G.711U/ADPCM_D/AAC_LC                       |
| Audio Sampling Rate         | 8KHz/32KHz/48KHz                                   |
| <b>Image</b>                |  |
| Max. Resolution             | Panorama:2560×1440@25fps<br>Detail:2560×1440@25fps |

|                   |  |
|-------------------|--|
| Main Stream       | Panorama:<br>PAL:20fps(3072*1728), 25fps(2560×1440, 2304×1296, 1920×1080, 1280×720, 640×480, 704×576)<br>NTSC:20fps(3072*1728), 30fps(2560×1440, 2304×1296, 1920×1080, 1280×720, 640×480, 704×480)<br>Detail:<br>PAL:20fps(3072*1728), 25fps(2560×1440, 2304×1296, 1920×1080, 1280×720, 640×480, 704×576)<br>NTSC:20fps(3072*1728), 30fps(2560×1440, 2304×1296, 1920×1080, 1280×720, 640×480, 704×480) |
| Sub Stream        | Panorama:<br>PAL:25fps(704×576, 640×360, 704×288, 352×288)<br>NTSC:30fps(704×480, 640×360, 704×240, 352×240)<br>Detail:<br>PAL:25fps(704×576, 640×360, 704×288, 352×288)<br>NTSC:30fps(704×480, 640×360, 704×240, 352×240)   |
| Third Stream      | Panorama:<br>PAL:25fps(704×576, 704×288, 352×288)<br>NTSC:30fps(704×480, 704×240, 352×240)<br>Detail:<br>PAL:25fps(704×576, 704×288, 352×288)<br>NTSC:30fps(704×480, 704×240, 352×240)   |
| BLC               | Yes  |
| HLC               | Yes  |
| AGC               | Yes  |
| White Balance     | Yes  |
| ROI               | 7 Dynamic Areas for Both Main and Sub Stream   |
| EIS               | Panorama:Yes<br>Detail:Yes   |
| OSD               | 5 regions(Each region can have a maximum of 127 characters,up to 5 lines);<br>16*16/24*24/32*32/48*48/64*64/96*96/128*128/adaptable size; Vector/Lattice   |
| Defog             | Yes  |
| Flip              | Normal/Inverted Flip   |
| Regional Exposure | Yes  |
| Regional Focus    | Yes  |
| Demist            | Yes  |
| Privacy Mask      | 24 regions   |
| <b>Feature</b>    |  |
| Alarm Trigger     | Panorama:Motion Detection<br>Detail:Motion Detection; Panorama:Mask Alarm<br>Detail:Mask Alarm; Disk Full; Disk R/W Error; IP Address Conflict; MAC Address Conflict; FTP Server Exception ; Event Input,Event Output; Network cable disconnected  |
| Linkage Method    | send email; trigger sound; trigger warmlight; trigger recording; trigger capture; notify surveillance center   |

|                         |  |
|-------------------------|--|
| Video Analytics         | Panorama:Human/Vehicle Classification<br>Detail:N/A; Panorama:Tripwire<br>Detail:N/A; Panorama:Double Tripwire<br>Detail:N/A; Panorama:Perimeter<br>Detail:N/A; Panorama:Object Abandon<br>Detail:N/A; Panorama:Object Lost<br>Detail:N/A; Panorama:Heatmap<br>Detail:N/A; Panorama:Loitering<br>Detail:N/A; Panorama:Running<br>Detail:N/A; Panorama:N/A<br>Detail:N/A; Panorama:People Counting<br>Detail:N/A; Panorama:Crowed<br>Detail:N/A; Panorama:Safety Helmet Detection<br>Detail:N/A; Panorama:On Duty Detection<br>Detail:N/A; Panorama:Video Abnormal<br>Detail:N/A; Panorama:N/A<br>Detail:Audio Abnormal |
| Early Warning(EW)       | Early Warning(EW)  |
| Auto-Tracking           | Auto-Tracking  |
| Face Mode               | Capture facial images  |
| <b>Network</b>          |  |
| ANR                     | ANR  |
| Protocols               | HTTP; HTTPS; TCP/IP; UDP; UPnP; ICMP; IGMP; SNMP v1; DHCP; DNS; DDNS; Easy DDNS; NTP; SMTP; TLS; SSL; 802.1x; QoS; IPv4; IPv6; PPPOE; Unicast; Multicast; ARP; RTP; RTSP; FTP; PING  |
| System Compatibility    | ONVIF Profile S/T/G; CGI   |
| Remote Connection       | ≤7   |
| User/Host               | Up to 32 users. 4 user levels  |
| Client                  | Easy7 Smart Client   |
| Moblle Client           | EasyLive Plus  |
| <b>Interface</b>        |  |
| Communication Interface | 2*RJ45 10M/100M/1000M self adaptive Ethernet port  |
| Audio I/O               | 1*Input Impedance 1kΩ,2.0~2.4Vp-p; 1*Output Impedance 600Ω   |
| Alarm I/O               | 3,Switching; 2,Switching,Voltage≤DC24V,Current≤1A  |
| Reset Button            | Yes  |
| On-board storage        | Built-in Micro SD card slot, up to 512 GB  |
| RS-485                  | RS485  |
| Electronic Compass      | Yes  |
| GPS/BDS                 | Yes  |
| <b>General</b>          |  |
| Web Client Language     | 16 languages<br>Simple Chinese/English/Traditional Chinese/Spanish/Italian/ Korean/Turkish/Russian/Thai/<br>Polish/French/Dutch/Hebraism/Vietnamese/Arabic/Farsi   |

|                       |   |
|-----------------------|---|
| Operating Temperature | -40℃~70℃(IR OFF)<br>-40℃~40℃(IR ON)                 |
| Operating Humidity    | 0~95%   |
| Storage Temperature   | -40℃~70℃  |
| Storage Humidity      | 0~95%(non-condensing)                               |
| Power Supply          | AC24V±25%\DC24V±10%                                 |
| Protection            | Surge protection 4000V; Lightning proof 6000V; IP66 |
| Material              | Metal   |
| Boundary Dimensions   | φ191mmx344mm(V)x350mm(H)                            |
| Package Dimensions    | 600(L)*490(W)*290(H)mm                              |
| GrossWeight           | 11.05 kg  |
| NetWeight             | 7.2kg   |

DIMENSIONS (Unit: mm)



## Assembly diagram of Junction Box



DF21Y



811



A35



DF21Y



A36