

# Tiandy



TC-C35LQ Spec:I5W/E/Y/T/6mm/V4.2

# 5MP Thermography Bullet Camera

Pro Series



## KEY FEATURES

- 256 × 192 resolution, 12  $\mu$ m, Vox
- Temperature exception alarm for fire prevention, -15°C to 550°C, Max. ( $\pm 2^\circ\text{C}$ ,  $\pm 2\%$ )
- Max resolution 2880x1620
- Smart IR, IR Range: 30m
- Built-In Mic, Built-In Speaker
- Support tripwire and perimeter
- Operating Conditions -35°C~65°C, 0~95% RH
- DC12V, POE
- IP67



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## SPECIFICATIONS

| Thermal              |                                                                                                                                                                               |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Image Sensor         | Vanadium Oxide Uncooled Focal Plane Arrays                                                                                                                                    |
| Resolution           | 256 × 192                                                                                                                                                                     |
| Pixel Pitch          | 12 μm                                                                                                                                                                         |
| Spectral Range       | 8 μm to 14 μm                                                                                                                                                                 |
| Focal Length         | 6.8mm                                                                                                                                                                         |
| NETD                 | ≤ 55 mK (@ 25°C, F# = 1.1)                                                                                                                                                    |
| Aperture             | F1.1                                                                                                                                                                          |
| Field of View        | Horizontal FOV:26°,Vertical FOV:20°                                                                                                                                           |
| Camera               |                                                                                                                                                                               |
| Image Sensor         | 1/2.7" CMOS                                                                                                                                                                   |
| Min. Illumination    | Color:0.002Lux@(F1.6,AGC ON),B/W:0Lux with IR                                                                                                                                 |
| Shutter Time         | 1s to 1/100,000s                                                                                                                                                              |
| Day & Night          | Dual IR Cut Filter with Auto Switch                                                                                                                                           |
| WDR                  | TWDR                                                                                                                                                                          |
| Lens                 |                                                                                                                                                                               |
| Lens Type            | Fixed                                                                                                                                                                         |
| Focal Length         | 6mm                                                                                                                                                                           |
| Lens Mount           | M12                                                                                                                                                                           |
| Aperture Range       | F1.6                                                                                                                                                                          |
| Field of View        | Horizontal FOV:53.8°<br>Vertical FOV: 29.3°<br>Diagonal FOV:62.8°                                                                                                             |
| Illuminator          |                                                                                                                                                                               |
| IR LEDs              | 2                                                                                                                                                                             |
| IR Distance          | Up to 50 m                                                                                                                                                                    |
| Wavelength           | 850nm                                                                                                                                                                         |
| White LEDs           | 2,Used for warning                                                                                                                                                            |
| Compression Standard |                                                                                                                                                                               |
| Video Compression    | S+265/H.265/H.264B/H.264M/H.264H/Motion JPEG                                                                                                                                  |
| Video Bit Rate       | 32k~16M                                                                                                                                                                       |
| Audio Compression    | G.711A/G.711U/ADPCM_D/AAC_LC                                                                                                                                                  |
| Audio Sampling Rate  | 8kHz/32kHz/48kHz                                                                                                                                                              |
| Image                |                                                                                                                                                                               |
| Max. Resolution      | 2880x1620                                                                                                                                                                     |
| Main Stream          | Thermal: 25 fps(1280 × 720、704 × 576、640 × 480、352x288)<br>Optical: PAL:25fps(2880x1620,2688x1520,2560x1440,2304x1296)<br>NTSC:30fps(2880x1620,2688x1520,2560x1440,2304x1296) |
| Sub Stream           | Thermal:25 fps(352x288)<br>Optical: 25 fps (704 × 576) ;30 fps (704 × 480)                                                                                                    |
| Third Stream         | N/A                                                                                                                                                                           |
| BLC                  | Saturation,brightness,contrast,sharpness,adjustable by client software or web browser                                                                                         |
| HLC                  | BLC/3D DNR/HLC                                                                                                                                                                |
| AGC                  | Yes                                                                                                                                                                           |
| 3D DNR               | Yes                                                                                                                                                                           |

|                                      |                                                                                                                                                                                 |
|--------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| White Balance                        | Yes                                                                                                                                                                             |
| ROI                                  | 8 regions                                                                                                                                                                       |
| Corridor mode                        | N/A                                                                                                                                                                             |
| EIS                                  | N/A                                                                                                                                                                             |
| Picture Overlay                      | Yes                                                                                                                                                                             |
| Privacy Mask                         | 4 regions                                                                                                                                                                       |
| Defog                                | Electronic                                                                                                                                                                      |
| <b>Thermal Function</b>              |                                                                                                                                                                                 |
| Thermal Analytics                    | Tripwire,Perimeter,Double Tripwire,Human&Vehicle Classification,High temperature display,Smoking detection                                                                      |
| Temperature Range                    | -15.0°~150.0°、50.0°~550.0°、Auto                                                                                                                                                 |
| Temperature Accuracy                 | Max. (± 2°C, ± 2%)                                                                                                                                                              |
| Temperature Measurement              | 3 temperature measurement rule types, (points, areas, line free combination,Max 12 species)                                                                                     |
| <b>Feature</b>                       |                                                                                                                                                                                 |
| Alarm Trigger                        | Motion Detection,Mask Alarm,IP Address Conflict,Disk Full,Disk R/W Error                                                                                                        |
| Video Analytics                      | Tripwire,Perimeter,Double Tripwire,Human&Vehicle Classification                                                                                                                 |
| Rules of behavior analyse in 1 scene | 8                                                                                                                                                                               |
| Early Warning(EW)                    | Yes                                                                                                                                                                             |
| Linkage Method                       | trigger recording;trigger capture; send email;trigger sound;trigger warmlight;notify surveillance center                                                                        |
| <b>Network</b>                       |                                                                                                                                                                                 |
| ANR                                  | Yes                                                                                                                                                                             |
| Protocols                            | HTTP,HTTPS,TCP/IP,UDP,UPnP,ICMP,IGMP,SNMP,DHCP,DNS,DDNS,EasyDDNS,NTP,SMTP,SSL,802.1X,QoS,IPv4,IPv6,PPPOE,SSH,SRTP,RTSP                                                          |
| System Compatibility                 | ONVIF(PROFILE S/T/G/M),SDK,CGI,Milestone                                                                                                                                        |
| Remote Connection                    | 3                                                                                                                                                                               |
| Client                               | Easy7                                                                                                                                                                           |
| Moblie Client                        | EasyLive Plus                                                                                                                                                                   |
| Web Version                          | IE/Firefox/Edge/Safari/Chrome                                                                                                                                                   |
| <b>Interface</b>                     |                                                                                                                                                                                 |
| Communication Interface              | 1 RJ45 10M/ 100M self adaptive Ethernet port                                                                                                                                    |
| Audio I/O                            | 1/1                                                                                                                                                                             |
| Alarm I/O                            | 2/1                                                                                                                                                                             |
| Built-In Mic                         | Yes                                                                                                                                                                             |
| Built-In Speaker                     | Yes                                                                                                                                                                             |
| Reset Button                         | Yes                                                                                                                                                                             |
| On-board storage                     | Yes,512G                                                                                                                                                                        |
| Additional interfaces                | RS485                                                                                                                                                                           |
| <b>General</b>                       |                                                                                                                                                                                 |
| Web Client Language                  | 18 languages<br>English,Russian,Spanish,Korean,Italian,Turkish,Simple Chinese,Traditional Chinese,Thai,French,Polish,Dutch,Hebrew,Arabic,Vietnamese,German,Ukrainian,Portuguese |
| Operating Conditions                 | -35°C~65°C,0~95% RH                                                                                                                                                             |
| Storage Conditions                   | -35°C~65°C,0~95% RH                                                                                                                                                             |
| Power Supply                         | DC12V±25%;PoE (802.3af)                                                                                                                                                         |
| Power Consumption                    | MAX:9W(POE)                                                                                                                                                                     |



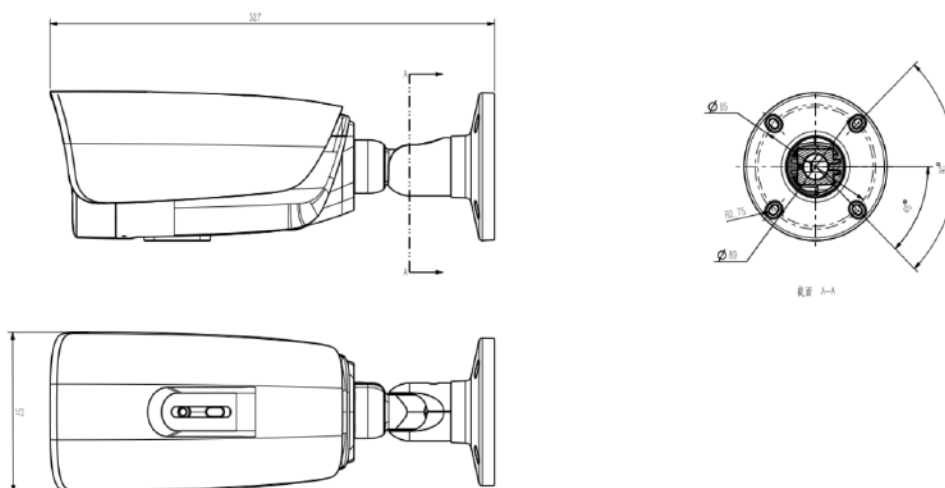
|                     |                      |
|---------------------|----------------------|
| Protection          | IP67                 |
| Boundary Dimensions | 758(L)370(W)350(H)mm |
| Package Dimensions  | 355(L)145(W)160(H)mm |
| GrossWeight         | 1.8kg                |
| NetWeight           | 1.5kg                |
| Housing             | Bullet               |

\* Listed resolutions are only selectable options. It does not mean that all streams can work at their maximum resolution at the same time.

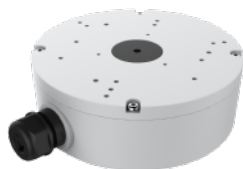
## AVAILABLE MODEL

TC-C35LQ Spec:I5W/E/Y/T/6mm/V4.2

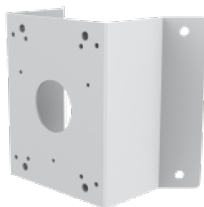
### DIMENSIONS (Unit: mm)



## ACCESSORIES



**A22**



**A35\_V5.0**



**A36\_V5.0**

DISTRIBUTED BY



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