

2MP Thermal & Optical Dual-spectrum Starlight Intelligent Positioning System

TIC7632EL-F75-2X55G



Features

- Thermal & Optical dual-spectrum image, dual video with single IP address, adaptable to more various scenes
- Passive infrared thermal imaging, meet the requirement of concealed monitoring and not affected by bad weather condition such as fog, smoke, rain, snow and night etc.
- Starlight illumination
- Gyroscope stabilization for stable picture
- Vari-focal laser:800m(2624.7ft) distance, proportional to optical zoom of camera module
- 2D/3D DNR (Digital Noise Reduction)
- Smart linkage: thermal channel support fire detection, optical channel can link to the fire position and zoom in, more accurate to judge fire situation
- Smart intrusion prevention based on deep learning algorithm: cross line, enter area, leave area, intrusion, support smart tracking
- Support 1080P@60fps, which has the smoother motion image
- Ultra265, H.265, H.264, MJPEG
- Triple streams
- Customize OSD
- ONVIF Conformance
- Rain-sensing auto wiper
- Embedded gradienter to ensure the horizontal position while installation
- Power supply: DC 48V±25%、DC 24V±15%、AC 24V±25%
- Support 1/1 audio in/out, 7/2 alarm in/out ,1 Serial port RS485

- Support up to 256G Micro SD card
- Wide temperature range: -40°C to 70°C (-40°F to 158°F)
- IP66

Specifications

| Model | TIC7632EL-F75-2X55G |
|-------------------------|--|
| Camera | |
| Pixel Size | 17 um |
| NETD | ≤ 50 mk@F1.0@23±3 °C |
| Shutter | Auto/Manual, 1 to 1/100000 s |
| WDR | 120 dB |
| S/N | >52 dB |
| Illuminator | |
| Light On/Off Control | Auto/Manual |
| Video | |
| Video Compression | Ultra 265, H.265, H.264, MJPEG |
| Video Resolution | Main Stream: 2MP (1920×1080): Max.60fps; Sub Stream: 2MP (1920×1080): Max.60fps; Third Stream: D1(720 x 576): Max.60fps; |
| Video Bit Rate | 128 Kbps to 16 Mbps |
| U-code | Support |
| ROI | Up to 8 areas |
| Video Stream | Triple streams |
| OSD | Up to 8 OSDs |
| Privacy Mask | 24 areas, up to 8 areas per scene |
| Image | |
| White Balance | Auto, Outdoor, Fine tune, Sodium lamp, Locked, Auto2 |
| Digital Noise Reduction | 2D/3D DNR |
| Flip | Normal, Flip vertical, Flip horizontal, 180° |
| HLC | Support |
| BLC | Support |
| Defog | Digital defog, Optical defog |
| Heatwave Reduction | Support |
| Events | |
| Fire Detection | Support the detection of fire point in the environment and link the optical camera zoom tracking and alarm |
| General Function | Watermark, IP address filtering, Access policy, ARP protection, RTSP authentication, User authentication, HTTP authentication, Alarm input, Alarm output |
| Intelligent | |
| Exception Detection | Object removed, Object Left Behind, Scene change |
| Auto Tracking | Support |
| Audio | |
| Audio Compression | G.711U, G.711A |

| | |
|------------------------|--|
| Audio Bitrate | 128 Kbps |
| Two-way Audio | Support |
| Suppression | Support |
| Sampling Rate | 16KHZ |
| Storage | |
| Edge Storage | MicroSD, up to 256 GB |
| Network Storage | ANR, NAS (NFS) |
| Network | |
| Protocols | IGMP, RTP, SMTP, IPv4, IPv6, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTSP, RTCP, RTMP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, 802.1x, SNMP, QoS, SSL/TLS, SSH |
| Compatible Integration | ONVIF (Profile S, Profile G, Profile T), API, SDK |
| User/Host | Up to 32 users. 3 user levels: administrator, common user and operator |
| Security | Password Protection, Strong Password, HTTPS Encryption, Export Operation Logs, Basic and Digest Authentication for RTSP, Digest Authentication for HTTP, TLS 1.2, WSSE and Digest Authentication for ONVIF |
| Client | EZStation, EZLive, EZView |
| Web Browser | Plug-in required live view: IE 10+, Chrome 45+, Firefox 52+, Edge 79+ |
| PTZ | |
| Pan Range | 360° (endless) |
| Pan Speed | 0.1°/s ~ 140°/s |
| Tilt Range | -90° ~ 45° |
| Tilt Speed | 0.1° ~ 40°/s |
| Number of Presets | 1024 |
| Interface | |
| Audio I/O | 1 Input: impedance 35 kΩ, amplitude 2 V [p-p], 1 Output: impedance 600 Ω, amplitude 2 V [p-p] |
| Alarm I/O | 7/2 |
| Serial Port | 1 × RS485 |
| Network | 1 × RJ45 10 M/100 M/1000 M Base-TX Ethernet + 1 × 100 M/1000 M SFP |
| Video Output | Supported (thermal module) |
| General | |
| Power | DC 48V±25%、DC 24V±15%、AC 24V±25% |
| Power Consumption | Max 119W |
| Power Interface | Two-core terminal block |
| Dimensions | 505mm x 280mm x 366mm(19.9" x 11.0" x 14.4") |
| Weight | 15.09kg(33.27lb) |
| Working Environment | -40 °C to 70 °C (-40 °F to 158 °F), Humidity: ≤ 95% RH (non-condensing) |
| Storage Environment | -40 °C to 70 °C (-40 °F to 158 °F), Humidity: ≤ 95% RH (non-condensing) |
| Surge Protection | 6 KV |
| Reset Button | Support |

Unlimited New View

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