

## 4MP 40X Lighthunter IR Network PTZ Dome Camera



Model no: AI04P030L67-28(40)F-LS

Certificate



### key features



- ▶ High quality image with 4MP, 1/1.8" CMOS sensor
- ▶ 2688\*1520@30fps in the main stream
- ▶ Ultra 265, H.265, H.264, MJPEG
- ▶ Triple streams
- ▶ 40X Optical Zoom
- ▶ Smart intrusion prevention, support false alarm filtering, include Cross Line, Intrusion, Enter Area, Leave Area detection
- ▶ People Counting, support people flow counting and crowd density monitoring, suitable for different statistical scenarios
- ▶ Lighthunter technology ensures ultra-high image quality in low illumination environment
- ▶ Smart IR, up to 250m (820ft) IR distance
- ▶ AC 24V ±25%, DC 24V±25%, PoE++ (IEEE802.3 bt)
- ▶ Alarm 7 in and 2 out, Audio 1 in and 1 out

# DATA SHEET

## Specifications

|                         |  |                   |                  |                 |                 |
|-------------------------|--|-------------------|------------------|-----------------|-----------------|
|                         | AI04P030L67-28(40)F-LS   |                   |                  |                 |                 |
| Camera                  |  |                   |                  |                 |                 |
| Sensor                  | 1/1.8", 4.0 megapixel, progressive scan, CMOS  |                   |                  |                 |                 |
| Minimum Illumination    | Colour: 0.0005Lux (F1.2, AGC ON)<br>0Lux with IR   |                   |                  |                 |                 |
| Day/Night               | IR-cut filter with auto switch (ICR)   |                   |                  |                 |                 |
| Shutter                 | Auto/Manual, 1 ~ 1/100000s   |                   |                  |                 |                 |
| WDR                     | 120dB  |                   |                  |                 |                 |
| S/N                     | >56dB  |                   |                  |                 |                 |
| Lens                    |  |                   |                  |                 |                 |
| Lens type               | 5.7 ~ 228mm, AF automatic focusing and motorized zoom lens   |                   |                  |                 |                 |
| Digital Zoom            | 16   |                   |                  |                 |                 |
| Optical Zoom            | 40   |                   |                  |                 |                 |
| Iris                    | Auto; F1.2 ~ F4.6  |                   |                  |                 |                 |
| Field of View (H)       | 59.5° ~ 2.2°   |                   |                  |                 |                 |
| Field of View (V)       | 35.6° ~ 1.2°   |                   |                  |                 |                 |
| Field of View (D)       | 73.1° ~ 2.6°   |                   |                  |                 |                 |
| DORI                    |  |                   |                  |                 |                 |
| DORI Distance           | Lens (mm)  | Detect (m)        | Observe (m)      | Recognize (m)   | Identify (m)    |
|                         | 5.7  | 107.2(351.8ft)    | 42.9(140.7ft)    | 21.4(70.4ft)    | 10.7(35.2ft)    |
|                         | 228  | 3330.6(10927.2ft) | 1332.2(4370.9ft) | 666.1(2185.4ft) | 333.1(1092.7ft) |
| Illuminator             |  |                   |                  |                 |                 |
| IR Range                | Up to 250m (820 ft) IR range   |                   |                  |                 |                 |
| Wavelength              | 850nm  |                   |                  |                 |                 |
| IR On/Off Control       | Auto/Manual  |                   |                  |                 |                 |
| Video                   |  |                   |                  |                 |                 |
| Video Compression       | Ultra 265, H.265, H.264, MJPEG   |                   |                  |                 |                 |
| Frame Rate              | Main Stream: 4MP (2688*1520), Max 30fps;<br>Sub Stream: 2MP (1920*1080), Max 30fps;<br>Third Stream: D1 (720*576), Max 30fps |                   |                  |                 |                 |
| Video Bit Rate          | 128 Kbps~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 4 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°/90°Clockwise/90°Anti-clockwise   |                   |                  |                 |                 |
| EIS                     | Support  |                   |                  |                 |                 |
| HLC                     | Support  |                   |                  |                 |                 |

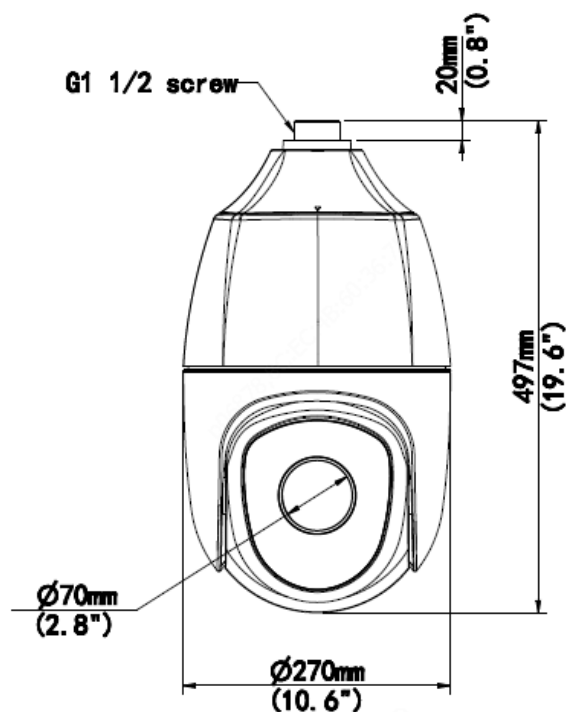
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|                            |  |
|----------------------------|--|
| BLC                        | Support  |
| Defog                      | Optical Defog & Digital Defog  |
| <b>Intelligent</b>         |  |
| Smart Intrusion Prevention | Support false alarm filtering: Cross Line detection, Intrusion detection, Enter Area detection, Leave Area detection   |
| People Counting            | Support people flow counting and crowd density monitoring  |
| <b>Events</b>              |  |
| Basic Detection            | Motion detection, Audio detection, Tampering Alarm   |
| Auto Tracking              | Support  |
| General Function           | Watermark, IP Address Filtering, Alarm input, Alarm output, Access Policy, ARP Protection, RTSP Authentication, User Authentication  |
| <b>Audio</b>               |  |
| Audio Compression          | G.711U, G.711A   |
| Audio Bitrate              | 64 Kbps  |
| Two-way audio              | Support  |
| Suppression                | Support  |
| Sampling Rate              | 8 kHz  |
| <b>Storage</b>             |  |
| Edge Storage               | Micro SD, up to 256GB  |
| Network Storage            | ANR, NAS(NFS)  |
| <b>Network</b>             |  |
| Protocols                  | IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS, RTMP, SSL/TLS  |
| Compatible Integration     | ONVIF (Profile S, Profile G, Profile T), API, SDK  |
| User/Host                  | Up to 32 users. 3 user levels: administrator, operator and common user   |
| 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 |
| Web Browser                | Plug-in required live view: IE 10 and above, Chrome 45 and above, Firefox 52 and above, Edge 79 and above  |
| <b>Pan &amp; Tilt</b>      |  |
| Pan Range                  | 360° (endless)   |
| Pan Speed                  | 0.1°/s ~ 180°/s  |
|                            | Preset speed: 300°/s   |
| Tilt Range                 | -15° ~ 90° (auto reverse)  |
| Tilt Speed                 | 0.1°/s ~ 180°/s  |
|                            | Preset speed: 240°/s   |
| Number of Presets          | 1024   |
| Preset Patrol              | 16 patrols, up to 64 presets for each patrol   |
| Route Patrol               | 16 patrols, up to 32 actions for each patrol   |
| Recorded Patrol            | 16 patrols, up to 128 actions for each patrol  |
| Patrol Stay Time           | 15s~1800s  |
| Preset Image Freeze        | Support  |
| Home Position              | Support  |

| Interface           |  |
|---------------------|--|
| Audio I/O           | 1/1  |
| Alarm I/O           | 7/2  |
| Serial Port         | 1 RS485  |
| Built-in Mic        | N/A  |
| Built-in Speaker    | N/A  |
| WIFI                | N/A  |
| Network             | 1*10M/100M Base-TX Ethernet                                      |
| Video output        | N/A  |
| Certification       |  |
| EMC                 | FCC  |
| Safety              | CE<br>RoHs<br>BIS  |
| General             |  |
| Power               | AC 24V ±25%, DC 24V±25%,PoE++(IEEE802.3 bt)                      |
|                     | Power consumption: Max 61W                                       |
| Power Interface     | Wires with cold-pressed terminal                                 |
| Dimensions (Ø x H)  | Φ270 x 497mm (Φ10.6" x 19.6")                                    |
| Weight              | 9.69kg(21.36lb)  |
| Working Environment | -40°C ~ 70°C (-40°F ~ 158°F), Humidity: ≤95% RH (non-condensing) |
| Storage Environment | -40°C ~ 70°C (-40°F ~ 158°F), Humidity: ≤95% RH (non-condensing) |
| Surge Protection    | 6KV  |
| Reset Button        | Support  |

# DATA SHEET

## Dimensions



## Accessories

TR-UF45-A-IN  
Pendent Mount



TR-SE45-A-IN  
Pendent Mount



TR-SE45-IN  
Pendent Mount



TR-CE45-IN  
Pendent Mount



TR-JB12-IN  
Junction Box



TR-WE45-A-IN  
Wall Mount



TR-WE45-B-IN  
Wall Mount




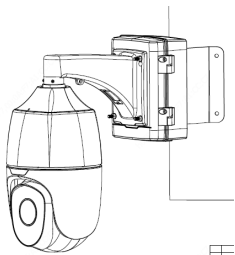
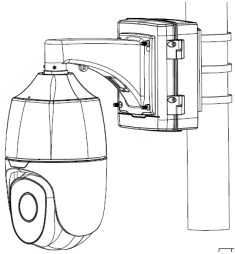
TR-UP08-A/B-IN  
Pole Mount



TR-UC08-A/B-IN  
Corner Mount



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| Pendent Mount   | Wall Mount   |
|---|--|
| AI -UF45-A-IN + AI -SE45-A-IN/AI -SE45-IN;<br>AI -CE45-IN;                          | AI -WE45-A-IN/AI -WE45-B-IN + AI -JB12-IN + AI -UC08-A/B-IN;<br>AI -WE45-B-IN;     |
|    |  |
| Pole Mount  |  |
| AI -WE45-A-IN + AI -JB12-IN + AI -UP08-A/B-IN                                       |  |
|  |  |