

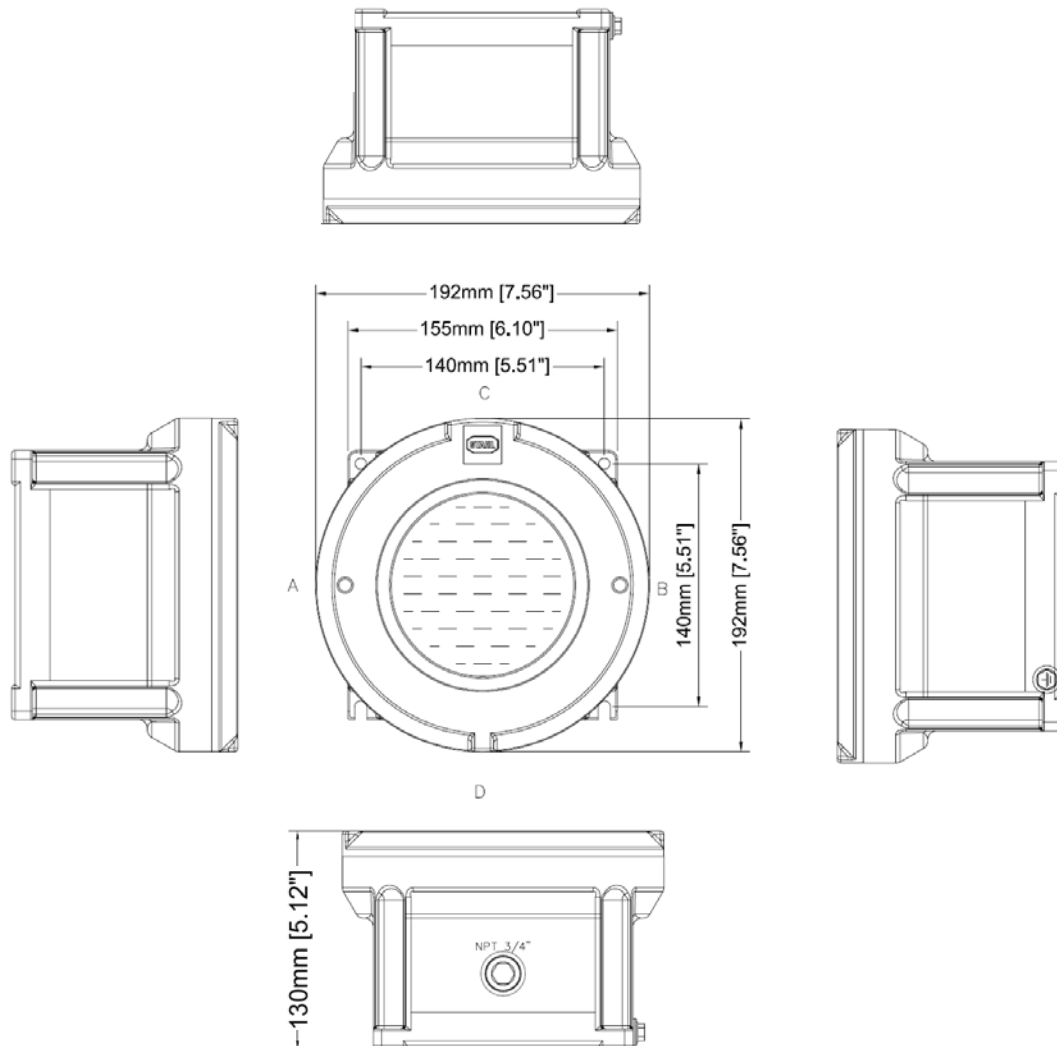
The TA-V3223H-KIT has been designed to provide an IP video solution for hazardous environments. Our 1/2.8" 2MP CMOS sensor captures crisp color video in low light conditions as low as 0.001 Lux.

With a housing made from marine grade, copper free aluminum, and incorporating industry standard IP video technology; integration into your next hazardous security or monitoring application is easily handled.



TA-V3223H-KIT

**Dimensions**



**Enclosure Technical Data**

|   |   |
|---|---|
| Ambient Temperature   | For Groups A, B, C & D +50°C (+122°F) max.<br>and for IIC, IIB & IIA -25°C (-13°F) min.                           |
|   | For Groups C & D +50°C (+122°F) max.<br>and for IIB & IIA -50°C (-58°F) min.<br>(8265/62 - 0000 only)             |
|   | For Groups E, F, & G +40°C (+104°F) max.<br>-25°C (-13°F) min.  |
|   | Class T4 rating for Class Division Gas Groups A, B, C & D and<br>Class 1 Zone IIC, IIB & IIA at Max Ambient 135 C |
| Max. Interrupting Capacity  | 10 kA RMS   |
| Of Installed Components   | Symmetrical Amperes   |
| External Auxiliary Devices<br>(I.E. Push Buttons Or Pilot Lights) | Listed for Hazardous Locations<br>USL (NOIV) & CNL (NOIV7)  |
| Window Material   | Borosilicate Glass  |
| Enclosure Material  | Copper Free Aluminum (Marine Grade)   |
| Enclosure Dimensions  | 6.1" X 6.1" X 5.2", (155 X 155 X 132mm)   |
| Entry Opening   | 1 ea. 3/4" NPT  |
| Classifications   | NEC & CEC:  |
|   | Gas Explosion Protection<br>Class 1, Division 1, Groups A, B, C, & D<br>Class 1, Zone 1, Groups IIC, IIB & IIA    |
|   | Dust Explosion Protection<br>Class II, Division 1, Groups E, F, & G<br>Class III                                  |
|   | Environmental Protection<br>Type 3, 4, 4X, 7, & 9   |
|   | cUL/US File #E307783  |
|   | Ingress Protection IP66   |

**Camera Technical Data**

|                         |  |            |                |               |                   |
|-------------------------|--|------------|----------------|---------------|-------------------|
| Sensor                  | 1/2.8", 2.0 megapixel, progressive scan, CMOS  |            |                |               |                   |
| Lens                    | 2.8mm@F1.6   |            |                |               |                   |
| DORI Distance           | Lens (mm)  | Detect (m) | Observe (m)    | Recognize (m) | Identify (m)      |
|                         | 2.8  | 45         | 18             | 9             | 4.5               |
|                         | 4  | 64.3       | 25.7           | 12.9          | 6.4               |
| Angle of View (H)       | 107.8°   |            |                |               |                   |
| Angle of View (V)       | 56.7°  |            |                |               |                   |
| Angle of View (O)       | 140.2°   |            |                |               |                   |
| Adjustment angle        | Pan: 0° ~ 360°   |            | Tilt: 0° ~ 75° |               | Rotate: 0° ~ 360° |
| Shutter                 | Auto/Manual, 1 ~ 1/100000s   |            |                |               |                   |
| Minimum Illumination    | Colour: 0.001Lux (F1.6, AGC ON)  |            |                |               |                   |
| Day/Night               | IR-cut filter with auto switch (ICR)   |            |                |               |                   |
| S/N                     | >52dB  |            |                |               |                   |
| IR wavelength           | 850nm  |            |                |               |                   |
| Defog                   | Digital Defog  |            |                |               |                   |
| WDR                     | 120dB  |            |                |               |                   |
| Video Compression       | Ultra 265, H.265, H.264, MJPEG   |            |                |               |                   |
| H.264 code profile      | Baseline profile, Main Profile, High Profile   |            |                |               |                   |
| Frame Rate              | Main Stream: 2MP (1920*1080), 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   |            |                |               |                   |
| 9:16 Corridor Mode      | Supported  |            |                |               |                   |
| OSD                     | Up to 8 OSDs   |            |                |               |                   |
| Privacy Mask            | Up to 8 areas  |            |                |               |                   |
| ROI                     | Up to 8 areas  |            |                |               |                   |
| Motion Detection        | Up to 4 areas  |            |                |               |                   |
| White Balance           | Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2  |            |                |               |                   |
| Digital noise reduction | 2D/3D DNR  |            |                |               |                   |
| IR                      | External Required If Needed  |            |                |               |                   |
| Flip                    | Normal/Vertical/Horizontal/180°/90°Clockwise/90°Anti-clockwise   |            |                |               |                   |
| HLC                     | Support  |            |                |               |                   |
| BLC                     | Support  |            |                |               |                   |
| Edge Storage            | Micro SD, up to 256GB  |            |                |               |                   |

**Camera Technical Data - Continued**

|                        |  |
|------------------------|--|
| Network Storage        | ANR, NAS(NFS)  |
| Protocols              | IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS                           |
| Compatible Integration | ONVIF (Profile S, Profile G, Profile T), API   |
| Client                 | EZStation<br>EZView<br>EZLive  |
| Web Browser            | Plug-in required live view: IE9+, Chrome 41 and below, Firefox 52 and below<br>Plug-in free live view: Chrome 57.0+, Firefox 58.0+, Edge 16+, Safari 11+ |
| Network                | 1 RJ45 10M/100M Base-TX Ethernet   |
| Certifications         | CE: EN 60950-1<br>UL: UL60950-1<br>FCC: FCC Part 15  |
| Power                  | DC 12V±25%, PoE (IEEE 802.3af)<br>Power consumption: Max 4W  |
| Working Environment    | -35°C ~ 60°C (-31°F ~ 140°F), Humidity: ≤95% RH (non-condensing)   |
| Storage Environment    | -35°C ~ 60°C (-31°F ~ 140°F), Humidity: ≤95% RH (non-condensing)   |
| surge protection       | 2KV  |