

## DATASHEET

## TVTH-S01-0004-BUL-G

TruVision IP thermal bullet camera

## MAIN FEATURES

- TruVision IP thermal bullet camera
- outdoor
- CIF
- 15 mm lens
- H.265/ H.264
- ONVIF
- SDHC card slot
- PoE+ / 12 VDC / 24 VAC



## TECHNICAL SPECIFICATIONS

## Power supply

|                   |                                         |
|-------------------|-----------------------------------------|
| Operating voltage | 24 VAC or 12 VDCPoE+ (802.3af, class 3) |
| Power consumption | 5.5 W (max.)                            |

## Inputs / outputs

|                  |                          |
|------------------|--------------------------|
| Video output     | BNC Composite PAL / NTSC |
| output impedance | 1K $\Omega$ , $\pm$ 10%  |
| Alarm inputs     | 2                        |
| Alarm outputs    | 2                        |

## Physical characteristics

|                     |                             |
|---------------------|-----------------------------|
| Colors              | 14 pseudo colors adjustable |
| Physical dimensions | 351.3 x 113.5 x 115.2 mm    |
| Net weight          | 1.77 kg                     |
| Colour              | Grey                        |

## Environmental characteristics

|                               |                    |
|-------------------------------|--------------------|
| Temperature Measurement Range | 351 m (2 x 2 m)    |
| Environment                   | Indoor, Outdoor    |
| Operating temperature         | -40 to +65°C       |
| Relative humidity             | <90% noncondensing |
| IP rating                     | IP67               |

## Other characteristics

## TVTH-S01-0004-BUL-G

### TECHNICAL SPECIFICATIONS

|                              |                                                                                                                     |
|------------------------------|---------------------------------------------------------------------------------------------------------------------|
| Technology                   | IP Thermal                                                                                                          |
| OSD                          | Picture Overlay, Text Overlay                                                                                       |
| Image settings               | De-Fog, Digital noise reduction, Mirror, OSD with custom text overlays, ROI (Region Of Interest), WDR               |
| Software compatibility       | TruVision Navigator, TVRmobile                                                                                      |
| Total Pixels (H x V)         | 384 x 288                                                                                                           |
| Image sensor                 | Vanadium Oxide Uncooled Focal Plane Arrays                                                                          |
| IFOV                         | 0.80 mrad                                                                                                           |
| Pixel Interval               | 12 µm                                                                                                               |
| NETD                         | ≤ 35 mK (25°C), F# = 1.0                                                                                            |
| Minimum focal distance       | 2.5 m                                                                                                               |
| Maximum detection range      | 1,353 m (vehicle) / 441 m (human)                                                                                   |
| Maximum recognition range    | 338 m (vehicle) / 110 m (human)                                                                                     |
| Maximum identification range | 169 m (vehicle) / 55 m (human)                                                                                      |
| VCA Range for Vehicles       | 309 m (4.0 x 1.4 m)                                                                                                 |
| VCA Range for Humans         | 110 m (1.8 x 0.5 m)                                                                                                 |
| Video streams                | 3                                                                                                                   |
| Main stream compression      | H.264, H.265                                                                                                        |
| Sub stream compression       | H.264, H.265, MJPEG                                                                                                 |
| Third stream compression     | H.264, H.265, MJPEG                                                                                                 |
| Main stream resolutions      | 1280 x 720 (XVGA), 352 x 288 (CIF), 640 x 480 (VGA), 704 x 576 (4CIF)                                               |
| Sub stream resolutions       | 352 x 288 (CIF), 640 x 480 (VGA), 704 x 576 (4CIF)                                                                  |
| Third stream resolutions     | 1280 x 720 (XVGA), 352 x 288 (CIF), 640 x 480 (VGA), 720 x 576 (960H)                                               |
| Max. resolution @ fps        | 384 x 288 @ 25 fps                                                                                                  |
| Lens type                    | Fixed                                                                                                               |
| Focal length                 | 15 mm, FoV 17.0° x 13.0° (H x V)                                                                                    |
| f-stop                       | 1.0                                                                                                                 |
| Integration                  | ONVIF, ONVIF Profile G, ONVIF Profile S, ONVIF Profile T                                                            |
| Supported network protocols  | 802.1x, DDNS, DHCP, DNS, FTP, HTTP, HTTPS, ICMP, IGMP, IPv4, IPv6, NTP, PPPoE, QoS, RTP, RTSP, SMTP, SNMP, TCP, UDP |
| Audio compression            | G.711a, G.711u, G.722, G.726                                                                                        |
| Audio in                     | 1 Mic in/Line in interface, line input: 2-2.4V[p-p]                                                                 |
| Audio out                    | 1 Audio output interface, line level, impedance: 600Ω                                                               |
| Local storage support        | Yes                                                                                                                 |
| Local storage type           | Micro SD/SDHC/SDXC                                                                                                  |
| Max. SD card capacity        | Up to 128GB                                                                                                         |
| Alarm trigger                | Motion detection                                                                                                    |

## TVTH-S01-0004-BUL-G

### TECHNICAL SPECIFICATIONS

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Smart event

Intelligence options

Form Factor

Compliance

Category

Brackets & Mounts

Intrusion detection, Line crossing detection, Region entrance detection, Region exiting detection

VCA human and vehicle detection

Bullet

CE, cUL, REACH, RoHS, UKCA, UL, WEEE

Reference

TVD-M-CMA