# TVFC-M01-0401-DOM-G

**TruVision 4MP Full color, IP, 2.8 mm lens, Dome Camera, mic, audio I/O**

## Overview

TruVision Full Color IP cameras offer a number of advantages over traditional IP cameras. The cameras available in 4 and 8 megapixel, capture full color video, allowing for clearer and more accurate identification of people and objects in the field of view. This is especially useful in low light conditions, where traditional IP cameras may produce footage that is difficult to interpret due to the lack of color.

The built-in supplemental white light availabe on most models, ensures that even in complete darkness, the cameras are able to capture clear and usable footage. This makes them ideal for use in a variety of settings, including outdoor areas or poorly lit indoor spaces.

Overall, this new range of TruVision Full Color IP Surveillance cameras are a reliable and advanced choice for any surveillance system, providing high quality, full color video footage that can aid in the identification and detection of potential threats or incidents.



## Details

- Maximum resolution: 4MP (2688 x 1520)
- 24/7 color images
- Person/vehicle classification
- Video intelligence: intrusion detection, cross line detection, entry/exit detection, face capture
- Built-in microphone
- H.265+ compression
- ONVIF Profile G, S, T open standards
- Edge recording up to 256 GB SDHC card

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## Technical specifications

### General

| | |
|---|---|
| Technology | IP Full Color |
| Video standard | NTSC, PAL |
| Image settings | De-Fog, Vue du couloir, Miroir, Région d'intérêt (ROI) |
| Privacy masking | Yes |
| Software compatibility | Milestone XProtect, TruVision Navigator, TVRmobile, Logiciel de navigation |
| Note regarding VCA resource mode | Third stream and Hallway View are not available in Smart Event and Face Capture mode. Standard Event mode supports these features but also disables the person/vehicle classification options for certain events. |

### Camera

| | |
|---|---|
| Sensor size | 1 / 1.8 " |
| Max. resolution | 4 MPX |
| Sensor scan | Progressif |
| Sensor type | CMOS |
| Digital S/N ratio | ≥52 dB |
| Shutter time | 1/3 to 1/100,000 s |

### Lighting performance

| | |
|---|---|
| WDR | 130 dB |
| White light | No |
| Digital noise reduction | 3D DNR |
| Color sensitivity | Color: 0.0005 Lux @ (F1.0, AGC ON) |
| Infrared (IR) | No |

### Encoding

| | |
|---|---|
| Video streams | 3 |
| Main stream compression | H.264, H.264+, H.265, H.265+ |
| Sub stream compression | H.264, H.265, M-JPEG |
| Third stream compression | H.264, H.265 |
| Video bit rate | 32 Kbps to 8 Mbps |
| Main stream resolutions | 1280 x 720 (XVGA), 1920 x 1080 (1080p), 2688 x 1520 |
| Sub stream resolutions | 1280 x 720 (XVGA), 640 x 360 (nHD), 640 x 480 (VGA) |
| Third stream resolutions | 1280 x 720 (XVGA), 1280 x 960 (720p), 1920 x 1080 (1080p), 640 x 360 (nHD), 640 x 480 (VGA) |
| Max. resolution @ fps | 2688 x 1520 @ 25/30 fps |
| Third stream limitation | Supports only up to 10 fps |

### Lens

| | |
|---|---|
| Lens type | Fast |
| Focal length | 2.8 mm, horizontal FoV 112°, vertical FoV 61°, diagonal FoV 134° |
| f-stop | F1.0 |
| Auto iris | No |

### DORI

| | |
|---|---|
| Detection | 58 m |
| Observation | 23 m |
| Recognition | 11 m |
| Identification | 2 m |

### Network

| | |
|---|---|
| Network interface | RJ-45 10/100 Mbit/s auto-adaptable interface Ethernet |
| Integration | ONVIF profil G, ONVIF profil S, ONVIF Profile T |
| Supported network protocols | 802.1x, ARP, Bonjour, DDNS, DHCP, DNS, FTP, HTTP, HTTPS, ICMP, IGMP, IPv4, IPv6, NTP, PPPoE, Qos, RTCP, RTP, RTSP, SMTP, SNMP, SSL/TLS, TCP/IP, UPnP |

### Audio

| | |
|---|---|
| Audio compression | G.711alaw, G.711ulaw, G.722.1, G.726, MP2L2, PCM |
| Audio in | Built-in microphone and 1 input (line in), max. input amplitude: 3.3 Vpp, input impedance: 4.7 KΩ, interface type: non-equilibrium |
| Audio out | 1 output (line out), max. output amplitude: 3.3 Vpp, output impedance: 100 Ω, interface type: non-equilibrium, mono sound |
| Audio bit rate | 64 Kbps (G.711ulaw/G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 192 Kbps (MP2L2)/8 to 320 Kbps |

### Alarm I/O

| | |
|---|---|
| Alarm inputs | 1 |
| Alarm outputs | 1 output (max. 12 VDC, 30 mA) |

### Storage

| | |
|---|---|
| Local storage type | Built-in Micro SD/SDHC/SDXC card slot |
| Max. SD card capacity | 256 GB |

### Video intelligence

| | |
|---|---|
| Alarm trigger | HDD error, HDD full, Invalid login, IP address conflict, Mouvement, Network disconnected, Sabotage |
| Smart event | Détection de mouvement avancée, Face capture, Détection d'intrusion, Détection de passage à niveau, Motion detection, Détection d'entrée région, Détection de région de sortie, Changement de scène |
| Intelligence options | Person/vehicle detection on motion, line crossing, intrusion detection and entry/exit detection only (when VCA resource mode Smart Event is enabled) |

### Electrical

| | |
|---|---|
| Operating voltage | 12 VDC, 0.4 A, max. 5 W PoE (802.3af, 36 to 57 V), 0.20 to 0.15 A, max. 6.5 W |
| Power consumption | max. 6.5 W |

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### Physical

| | |
|---|---|
| Physical dimensions | Ø121.4 x 100.1 mm (Ø4.8 x 3.9 in.) |
| Net weight | 580 g (1.2 lb.) |
| Shipping weight | 820 g (1.6 lb.) |
| Colour | Grå |
| Material | Aluminium |
| Form Factor | Dome |

### Environmental

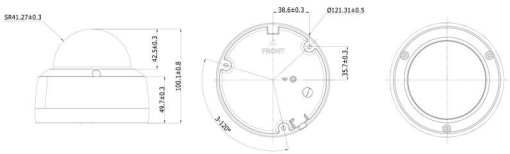
| | |
|---|---|
| Impact rating | IK10 |
| Environment | Udendørs |
| Operating temperature | -30 to +60°C (-22 to +140°F) |
| Relative humidity | <95% noncondensing |
| IP rating | IP67 |

### Regulatory

| | |
|---|---|
| Compliancy | CE, FCC, REACH, RoHS, UL, WEEE |

### Compatible products

| Category | Reference | Description |
|---|---|---|
| Brackets & Mounts | TVD-CBW | TruVision wall mount bracket compatible with TruVision Cup Bases TVx-CBx |
| Brackets & Mounts | TVD-PPB | TruVision Dome Pendant Ceiling mount bracket for TVD-CBx, TVF-CBM |
| Brackets & Mounts | TVW-BB1 | TruVision Wedge camera back box (used with S6 series of wedge cameras) |



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