



TVB-1104

1.3 MPX HD Outdoor IR Bullet Camera, 2.8 to 12 mm, PAL

Overview

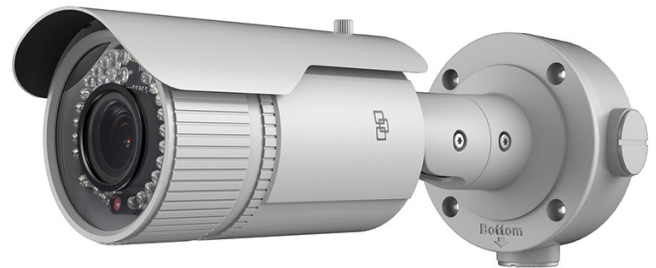
The TVB-1104 is an HD IP Outdoor IR Bullet camera, designed to perform in a wide range of lighting conditions. Its built in IR LEDs provide illumination up to 30 meters to ensure images – even in low light environments. The camera's Digital Wide Dynamic Range feature ensures that images are obtained, even in backlight scenes. The camera is compliant with the ONVIF and PSIA open standards.

Form Factor

The size of this mini bullet camera makes it easy to install, for example, at entry or exit doors. The IP66 rated housing provides a weatherproof solution.

IP technology

TruVision cameras utilize H.264 compression with dual-streaming capability, making it easy to manage the camera's bandwidth usage. These cameras have been designed to adhere to PSIA and ONVIF open communication standards, and also support a CGI command set for simple integration into any IP system. Video streams can be set up for high and low bandwidth and images can be streamed for live viewing or sent to a designated recording location.



Standard Features

- IR bullet camera
- Real time HD 960p resolution
- Maximum resolution HD 960p
- H.264 with dual streaming functionality
- 1/3" CMOS Progressive Scan
- Motorized IR cut filter
- Digital Wide Dynamic Range
- 0 Lux (IR on)
- Up to 30 m IR illumination
- 2.8 to 12mm lens
- Audio In / Out
- Alarm In / Out
- Designed to ONVIF and PSIA open standards

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Specifications

| Camera | |
|-------------------------------|--|
| Sensor Size: | 1/3" |
| SD / MPX: | 1.3MPX |
| Sensor scan: | Progressive Scan |
| Sensor type: | CMOS |
| IP Compression / Standard: | Main stream: H.264 Sub stream: H.264/MJPEG |
| Available Resolutions: | Main stream: 1280x960,1280x720,704x576,640x480 Sub stream: 704x576,352x288,320x240 |
| Maximum Resolution (@ FPS): | 1280 x 960 @25 fps |
| Maximum Real Time Resolution: | 1280 x 960 |
| HD 720p: | Yes |
| Full HD 1080p: | No |
| Digital S/N ratio: | 50dB |
| Electronic shutter: | 1/25s to 1/100.000s |
| Certification: | UL, CE, FCC, C-tick, REACH, RoHS, HALT, WEEE |
| Lighting performance | |
| Wide Dynamic Range: | DWDR |
| WDR in dB: | 72dB |
| Digital noise reduction: | 3D DNR |
| Day/Night: | True Day/Night |
| Motorized IR Cut Filter: | Yes |
| Color sensitivity: | 0.01 Lux @(F1.2,AGC ON) |
| B/W sensitivity: | 0 Lux with IR |
| IR sensitivity: | 0 Lux with IR |
| IR Range: | Up to 30 m |
| IR Wavelength: | 850 nm |
| B/W trigger: | 3.0 lux |
| IR trigger: | 3.0 lux |
| Housing | |
| Camera type: | Bullet |
| IP rating: | IP 66 |
| Outdoor: | Yes |
| Rugged: | No |
| Lens | |
| Control type: | DC |
| Optical zoom: | No |
| Focal length: | 2.8 to 12 mm |
| F-stop: | 1.4 |
| Autoiris: | Yes |
| Varifocal: | Yes |
| Zoom lens: | Yes |
| Autofocus: | No |
| Power consumption | |
| Voltage Input: | 12VDC \pm 10% |
| Current: | Max. 0.625 A |
| Power Consumption: | Max. 7 W |
| PoE: | PoE(802.3af) |
| Network | |
| ONVIF: | 2.2 |
| PSIA: | 1.1 |
| CGI: | Yes |
| Network Protocols: | TCP/IP, HTTP, DHCP, DNS, DDNS, RTP, RTSP, PPPoE, SMTP, NTP, UPnP, SNMP, HTTPS, FTP, 802.1x, Qos, IPv4/IPv6 |
| Local Storage | |
| Media: | Micro SD/SDXC |
| Capacity: | Up to 64 GB |
| Camera Analytics | |
| Motion Detection: | Yes |
| Privacy Masking: | Yes |

| Alarm In / Out | 1 / 1 |
|----------------------------|--|
| Audio | |
| Input | Wire for 1ch. audio interface (2.0 - 2.4 Vp-p, 1 kOhm) |
| Output | Wire for 1ch. audio interface (2.0 - 2.4 Vp-p, 1 kOhm) |
| Operating Temperature: | -30°C to 60°C (-22°F to 140°F) |
| Mechanical / Environmental | |
| Dimensions: | Ø 104.8 × 255.6 mm (4.13 x 10.02 in) |
| Weight: | 800g (1.76 lb) |
| Cold start Temperature | -30°C (-22°F) |

Ordering Information

| Part No. | Description |
|----------|--|
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