

TVC-2401

TruVision HD-TVI Analog Box Camera, 1080p, PAL

Overview

The new TruVision line includes a comprehensive family of HD-TVI cameras for stand-alone or integrated installations, designed for optimal image quality over existing coaxial cable. Ideal for improving video quality of existing analog surveillance system installations ranging from convenience stores to retail mall parking lots, the TruVision HD-TVI line has the right cameras for your new or existing project and can help you stay within budget constraints without compromising security needs.

The cameras have true day/night capabilities, providing color images by day and black-and-white images under IR operation in low light applications. TruVision HD-TVI cameras are available with either fixed lens or varifocal lens or motorized lens.

Form factors include box, dome, and traditional bullet cameras. Bullet models offer a familiar form factor that features a pre-installed wall mount with cable management. Bullet and domes are IP66 rated for outdoor installation and selected dome models are available with an IK10 vandal-rated enclosure.

All TruVision HD-TVI cameras are designed to install quickly and easily, right out of the box, so you can be up and running in no time.

Installation

The bullet and dome provide motorized lens control which facilitates installation and image adjustment. From the TVR12HD/44HD the installer can remotely control the focal length and precisely adjust the camera focus, simplifying both installation and maintenance.



Standard Features

- 1080p HD resolution
- HD-TVI technology for transmitting HD quality video over existing coax cable
- True day/night functionality
- Wide dynamic range
- Smart focus
- Dual power 12 VDC / 24 VAC
- Provide OSD control via TruVision up the coax and built-in menu button

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Specifications

| Camera | |
|-------------------------------|---|
| Sensor Size | 1/3" |
| Sensor Scan | Progressive |
| Sensor Type | CMOS |
| Max. Resolution | 1080p |
| Pick-up device: | 1/3" Progressive Scan CMOS |
| Total pixels (H x V): | 1920 × 1080 |
| Effective pixels (H x V): | 1920 × 1080 |
| Resolution: | 1080p |
| Sync. system: | Internal |
| S/N ratio: | More than 52 dB |
| Electronic shutter: | 1/25 to 1/50,000 s |
| Day/Night: | True Day/Night |
| Motorized IR cut filter: | Yes |
| Color sensitivity: | 0.01 Lux @ (F1.2, AGC ON), 0.014 Lux @ (F1.4, AGC ON) |
| Video output: | Dual HD-TVI or 960H |
| Lens type: | C/CS mount |
| Wide dynamic range: | 120 dB |
| Digital noise reduction: | 3D DNR |
| OSD: | Built-in OSD button, TruVision Coax OSD control on both HD-TVI and 960H |
| Lighting performance | |
| InfraRed (IR) | No |
| Encoding | |
| Video Compression Main Stream | H.264 |
| Video Compression Sub Stream | H.264, M-JPEG |
| Network | |
| Supported Video Standards | CGI, ONVIF, PSIA |
| General | |
| Technology | HD-TVI analog |
| Video Standard | PAL |
| Electrical | |
| Power supply type | VAC, VDC |
| Power source: | 12 VDC / 24 VAC |
| Power consumption: | 12 VDC: max. 6W 24 VAC: max. 6W |
| Current: | 12 VDC: max. 0.5A 24 VAC: max. 0.25A |
| Physical | |
| Form Factor | Box |
| Physical dimensions | 69.2 × 57.3 × 148.7 mm |
| Net weight | 520 g |
| Environmental | |
| Operating temperature | -30 to 60°C |
| Storage temperature | -20 to +70°C (-4 to +158°F) |
| Vandal proof | No |
| Environment | Indoor |
| Standards & regulation | |
| Compliance | C-tick, CE, FCC, REACH, RoHS, UL, WEEE |
| Environmental & Physical | |
| Weight: | 520 g (1.15 lbs.) |
| Dimensions: | 69.2 × 57.3 × 148.7 mm (2.72 × 2.56 × 5.85 in.) |
| Operation temperature: | -30 to +60° C (-22 to +140° F) |
| Storage temperature: | -20 to +70° C (-4 to +158° F) |

Ordering Information

| Part No. | Description |
|----------|---|
| TVC-2401 | TruVision HD-TVI Analog Box Camera, 1080p, True D/N, WDR, PAL |

