



TVD-1102

3 MPX Full HD Indoor Dome Camera, Fixed 2.8mm, PAL

Overview

The TVD-1102 is a Full HD IP Indoor Dome camera, designed for indoor use only.

This dome has an analog output in the back, which always is active. 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 dome camera makes it easy to install, for example, at the entrance door where the analog output is connected directly to a monitor.

IP technology

TruVision cameras utilize H.264 compression with dual-streaming capability, making it easy to manage the camera's bandwidth usage. These cameras were 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 for high and low bandwidth and images can be streamed for live viewing or sent to a designated recording location.



Standard Features

- Indoor Dome camera
- Real time Full HD 1080p resolution
- Maximum resolution QXGA (2048x1538)
- H.264 with dual streaming functionality
- 1/3" CMOS Progressive Scan
- Digital Day / Night
- Digital Wide Dynamic Range
- Analog output
- Fixed 2.8mm lens
- Designed to ONVIF and PSIA open standards

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Specifications

Camera

Sensor Size:	1/3"
SD / MPX:	3MPX
Sensor scan:	Progressive Scan
Sensor type:	CMOS
IP Compression / Standard:	Main stream: H.264 Sub stream: H.264/MJPEG
Available Resolutions:	Main stream: 2048x1536, 1920x1080, 1280x720 Sub stream: 704x576, 352x288, 320x240
Maximum Resolution (@ FPS):	2048 x 1536 @12.5 fps
Maximum Real Time Resolution:	1920x1080
HD 720p:	Yes
Full HD 1080p:	Yes
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:	Digital Day/Night
Motorized IR Cut Filter:	No
Color sensitivity:	0.01 lux @ F1.2
B/W sensitivity:	No
IR sensitivity:	No
IR Range:	No
IR Wavelength:	No
B/W trigger:	4.76lux
IR trigger:	4.76lux

Housing

Camera type:	Dome
IP rating:	No
Outdoor:	No-indoor only
Rugged:	No

Lens

Control type:	Fixed
Optical zoom:	No
Focal length:	2.8mm
F-stop:	2
Autoiris:	No
Varifocal:	No
Zoom lens:	No
Autofocus:	No

Power consumption

Voltage Input:	PoE(802.3af)
Current:	Max. 0.1A
Power Consumption:	Max. 5W
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:	No
Capacity:	No

Camera Analytics

Motion Detection:	Yes
Privacy Masking:	4

Mechanical / Environmental

Dimensions: Ø 111 × 82 mm (Ø 4,4 x 3,2 in)

Weight: 370g (0.82lb)

Cold start Temperature: -20°C (-14°F)

Operating Temperature: -30°C to 60°C
(-22°F to 140°F)

Ordering Information

Part No.	Description
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