



## TVD-1104

**TruVision 3 MPX, PAL, Outdoor IR Mini Dome, True D/N, H.264, PSIA/ONVIF/CGI, 15m IR, 2.8 to 12mm @ F1.2, PoE / 12VDC**

### Overview

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The TVD-1104 is a Full HD IP Outdoor IR Dome camera designed to perform in a wide range of lighting conditions. Its built-in IR LEDs provide illumination up to 15 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.

### Additional Features

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Featuring an integrated browser and available micro SD card storage capabilities, TruVision IP cameras simplify remote live monitoring/playback of edge-recorded video and audio. Recording on the memory card also provides a level of redundancy in case of unforeseen network disruptions.

### IP technology

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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.



### Details

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- IR Dome camera
- Real time Full HD 1080p resolution
- Maximum resolution QXGA (2048 x 1536)
- 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 15m IR illumination
- 2.8 to 12mm lens
- Edge recording up to 64GB
- Designed to ONVIF and PSIA open standards

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## Technical specifications

### General

Technology	IP
Video standard	PAL

### Camera

Max. resolution	3 MP
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

Infrared (IR)	Yes
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
B/W sensitivity:	0 Lux with IR
IR sensitivity:	0 Lux with IR
IR Range:	Up to 15m
IR Wavelength:	850nm
B/W trigger:	3.09Lux
IR trigger:	3.09Lux

### 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

### Storage

Local storage support	No
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### Video intelligence

Alarm trigger	Motion detection, Privacy Masking, Video tampering
Smart event	Intrusion detection, Line crossing detection

### Physical

Form Factor	Dome
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### Environmental

Environment	Outdoor
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### Housing

Camera type:	Dome
IP rating:	IP66
Outdoor:	Outdoor
Rugged:	IK10 Rating

### Lens

Control type:	Vari focal
Optical zoom:	No
Focal length:	2.8 to 12 mm
F-stop:	1,4
Autoiris:	Yes
Zoom lens:	No
Autofocus:	No

### Power consumption

Voltage Input:	12VDC± 10%
Current:	Max. 0.46A
Power Consumption:	Max. 5.5W
PoE:	PoE(802.3af)

### Local Storage

Media:	Built-in Micro SD/SDHC/SDXC card slot
Capacity:	64GB

### Audio G.711/G.726

Input:	Wire for 1ch. audio interface (2.0 - 2.4 Vp-p, 1 kOhm)
Output:	Wire for 1ch. audio interface (Line level, 600 Ohm)

### Camera Analytics

Motion Detection:	Yes
Privacy Masking:	4

### Alarm

Alarm Input:	1
Alarm Output:	1

### Mechanical / Environmental

Dimensions:	Ø 140 × 100 mm (Ø 5,5 × 3,9 in)
Weight:	767g (1.7lb)
Cold start Temperature	-20°C (-4°F)
Operating Temperature:	-30°C to 60°C (-22°F to 140°F)

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## Compatible products

Category	Reference	Description
Camera Housing	TVD-BS-3C	TruVision Dome Bubble Spare, Clear, for varifocal domes

