



TVW-1105

3 MPX HD Wi-Fi IR Wedge Dome, IP66, PAL

Overview

TruVision™ IP Wi-Fi IR Wedge dome camera bring the state-of-the-art, and high definition pictures to the mass video surveillance market. This camera has IR and True Day/Night as standard. Together with local storage will this IP cameras represent a flexible video surveillance device that meet any need. Equipped with advance technology and signal processing capabilities, the effectively capture video under challenging conditions.

These wireless cameras are based on the Wi-Fi standards of IEEE802.11b/g/n and operate in the 2.4Ghz range. Transmission rates of up to 150 Mbps is supported and secure wireless communication is achieved via OpenVPN, 64/128-bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK and WPS wireless encryption standards. Transmission range is up to 50 m. *It varies depending on the actual working environment.

Compression & streaming

The TruVision Intrusion camera uses H.264 compression technology with dual-stream capability, making it easy to manage the camera's bandwidth usage. Fully designed to adhere to PSIA and ONVIF open communication standards as well as supporting a CGI command set, these cameras allow for simple integration into any IP system. Video streams can be set up for high or low bandwidth, and images can be streamed for live viewing or sent to a designated recording location.

Form factor

This Wedge dome version provides a vandal-proof solution. By default it is IP66 rated so it can be used for outdoor installations as well indoor. Its unique design makes this camera discreet and aesthetically attractive.



Standard Features

- Maximum Resolution: 2048 x 1536 @ 20fps
- Maximum Real Time Resolution: 1920 x 1080 @ 25fps
- Real time Full HD 1080p
- Supports IEEE802.11b/g/n Wi-Fi standards
- Transmission rates of 11Mbps (11b), 54Mbps (11g) and up to 150Mbps (11n)
- Wi-Fi transmission range up to 50 m
- H.264 compression with dual streaming functionality
- Integrated Motion Detection, Tamper proof and Privacy masking
- Advanced Cross line and Intrusion detection
- True Day/Night
- IR up to 10m
- 2.8mm fixed lens
- IP66 rated
- IK8 vandal rating
- Grey housing

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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
Maximum Resolution (@ FPS):	2048 x 1536 @ 20fps
Maximum Real Time Resolution:	1920 x 1080
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:	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 10 m
IR Wavelength:	850 nm
B/W trigger:	4.45 lux
IR trigger:	4.45 lux

Housing

Camera type:	Wedge
IP rating:	IP 66
Outdoor:	Yes
Rugged:	IK08 Rating

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:	12VDC ± 10%
Current:	Max. 0.42A
Power Consumption:	Max. 5W
PoE:	IEEE 802.3af

Network Ethernet

Network Protocols:	TCP/IP, UDP, HTTP, DHCP, DNS, DDNS, ezDDNS, DynDNS, RTP, RTSP, PPPoE, SMTP, NTP, SNMP, HTTPS, FTP, UPnP, NAT, MULTICAST, 802.1x, Qos, IPv4, IPv6
Standard & Integration:	ONVIF S, PSIA, CGI

Network Wi-Fi

Transmission range:	Up to 50 m * It varies depending on the actual working environment.
Transmission rate:	11b: 11Mbps, 11g: 54Mbps, 11n: up to 150Mbps
Transmit output power:	11b: 17±1.5dBm @ 11Mbps, 11g: 14±1.5dBm @ 54Mbps, 11n: 12.5±1.5dB
Receive Sensitivity:	11b: 11Mbps, 11g: 54Mbps, 11n: up to 150Mbps
Security:	64/128-bit WEP, WPA / WPA2, WPA-PSK / WPA2-PSK, WPS

Local Storage

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

Audio

Input:	Built-in Mic.
Output:	External
Audio Bit Rate (Protocol):	64 Kbps (G.711) / 16 Kbps (G.726) / 32-128 Kbps (MP2L2)

Camera Analytics

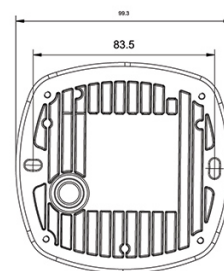
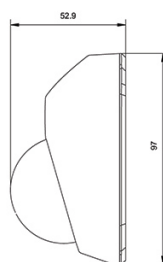
Basic:	Motion Detection, Tamper Proof, Privacy Mask
Advanced:	Cross line, Intrusion detection
I/O Connection:	Audio output, Alarm I/O

Mechanical / Environmental

Dimensions:	99 × 97 × 53mm (3,86 × 3,82 × 2,09 in)
Weight:	407g (0.89lb)
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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Unit: mm

