



# Full Colour

Wedge IP camera



## OVERVIEW

TruVision Full Colour IP cameras offer a number of advantages over traditional IP cameras. The cameras available in 4 megapixel, capture full colour video, allowing for clearer and more accurate identification of people and objects in the field of view. This is especially useful in low light conditions, where traditional IP cameras may produce footage that is difficult to interpret due to the lack of colour.

The built-in supplemental white light available on most models, ensures that even in complete darkness, the cameras are able to capture clear and usable footage. This makes them ideal for use in a variety of settings, including outdoor areas or poorly lit indoor spaces.


Overall, this new range of TruVision Full Colour IP Surveillance cameras are a reliable and advanced choice for any surveillance system, providing high quality, full colour video footage that can aid in the identification and detection of potential threats or incidents.

## STANDARD FEATURES

- Maximum resolution: 4 MP (2688 x 1520)
- 24/7 colour images
- Built-in white light up to 30 m
- Person/vehicle classification
- Video intelligence: intrusion detection, cross line detection, entry/exit
- Fixed lens
- H.265+ compression
- ONVIF Profile G, S, T open standards
- Edge recording up to 256 GB SDHC card

# Technical Specifications

## Wedge IP Full Colour camera

		<b>TVFC-M01-0401-WED-G</b>
		
<b>General</b>	Technology	IP
	Video standard	PAL
	Image settings	De-Fog, Hallway View, Mirror, ROI (Region Of Interest)
	Privacy masking	Yes
	Software compatibility	TruVision Navigator, TVRmobile, Web Browser
	Note regarding VCA resource mode	Third stream and Hallway View are not available in Smart Event and Face Capture mode. Standard Event mode supports these features but also disables the person/vehicle classification options for certain events
<b>Camera</b>	Sensor size	1/1.8"
	Max. resolution	4 MP
	Sensor scan	Progressive
	Sensor type	CMOS
	Digital S/N ratio	≥ 52 dB
	Shutter time	1/3 to 1/100,000 s
<b>Lighting performance</b>	Digital noise reduction	3D DNR
	WDR	130 dB
	Colour sensitivity	Colour: 0.0005 Lux @ (F1.0, AGC ON), 0 Lux with white light
	Infrared (IR)	No
	White light	Yes
	White light range	Up to 30 m
<b>Encoding</b>	Video streams	3
	Main stream compression	H.264, H.265, H.265+
	Sub stream compression	H.264, H.265, MJPEG
	Third stream compression	H.264, H.265
	Video bit rate	32 kbps to 8 Mbps
	Main stream resolutions	1280 x 720 (XVGA), 1920 x 1080 (1080p), 2688 x 1520
	Sub stream resolutions	1280 x 720 (XVGA), 640 x 360 (nHD), 640 x 480 (VGA)
	Third stream resolutions	Supports only up to 10 fps
	Max. resolution @ fps	2688 x 1520 @ 25/30 fp
<b>Lens</b>	Lens type	Fixed Lens
	Focal length	2.8 mm, horizontal FoV 112°, vertical FoV 61°, diagonal FoV 134°
	F-stop	F1.0
<b>DORI</b>	Detection	58 m
	Observation	23 m
	Recognition	11 m
	Identification	2 m

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<b>Network</b>	Network interface	RJ-45 10/100 Mbps self-adaptive Ethernet interface
	Integration	ONVIF Profile G, ONVIF Profile S, ONVIF Profile T
	Supported network protocols	802.1x, Bonjour, DDNS, DHCP, DNS, ezDDNS, FTP, HTTP, HTTPS, ICMP, IGMP, IPv4, IPv6, NTP, PPPoE, RTCP, RTP, RTSP, SNMP, TCP/IP, UPnP
<b>Audio</b>	Audio compression	G.711a, G.711alaw, G.711ulaw, G.722.1, G.726, MP2L2, PCM
	Audio In	Built-in microphone and 1 input (line in), max. input amplitude: 3.3 Vpp, input impedance: 4.7 K $\Omega$ , interface type: non-equilibrium
	Audio out	Built-in 2 W speaker and 1 output (line out), two-core terminal block, max. output amplitude: 3.3 Vpp, output impedance: 100 $\Omega$ , interface type: non-equilibrium
	Audio bit rate	64 Kbps (G.711ulaw/G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 192 Kbps (MP2L2)/8 to 320 Kbps
<b>Audio I/O</b>	Alarm inputs	1
	Alarm outputs	1 output (max. 12 VDC, 30 mA)
<b>Storage</b>	Local storage type	Built-in memory card slot, support microSD/SDHC/SDXC card
	Max. SD card capacity	256 GB
<b>Voice Intelligence</b>	Alarm trigger	HDD error, HDD full, Invalid login, IP address conflict, Motion detection, Network disconnected, Video tampering
	Smart event	Advanced motion detection, Face capture, Intrusion detection, Line crossing detection, Motion detection, Region entrance detection, Region exiting detection, Scene change detection
	Intelligence options	Person/vehicle detection on motion, line crossing, intrusion detection and entry/exit detection only (when VCA resource mode Smart Event is enabled)
<b>Electrical</b>	Operating voltage	12 VDC $\pm$ 25%, 0.54 A, max. 6.5 W PoE: 802.3af, Class 3, 36 V to 57 V, 0.22 A to 0.14 A, max. 8 W
	Power consumption	max. 8 W
<b>Physical</b>	Physical dimensions	$\varnothing$ 113.6 $\times$ 72.6 mm
	Net weight	400 g
	Colour	Grey (Pantone 428c)
	Material	Aluminum, Plastic
	Form Factor	Wedge
<b>Environmental</b>	Operating temperature	-30 to +60°C
	Relative humidity	<95% (non-condensing)
	IP rating	IP67
<b>Regulatory</b>	Compliance	CE, EMC, FCC, RCM, REACH, RoHS 3, UKCA, UL, WEEE

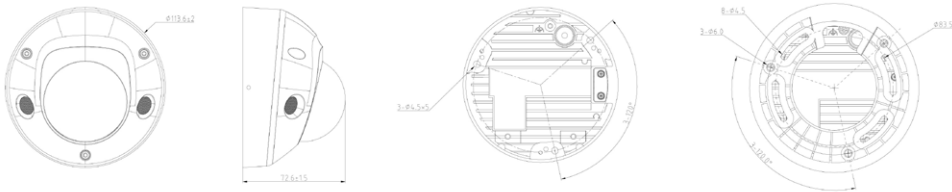
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Wedge IP Full Colour camera

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## Dimensional Diagram

TVFC-M01-0401-WED-G



unit:mm

## Ordering Information

**TVFC-M01-0401-WED-G**

TruVision 4 MP Full colour IP 2.8 mm lens Wedge Camera, 30 m white light, mic, audio I/O

## Compatible accessories

<b>TVD-CB2</b>	TruVision Dome 2 inch Cup Base for IP Wedge cameras
<b>TVD-CBW</b>	TruVision Dome Cup Base Wall Mount (also cup base needed)
<b>TVD-SNB</b>	TruVision Dome Swan-Neck Bracket (also cup base needed)
<b>TVD-PPB</b>	TruVision Dome Pendant-Mount Bracket (also cup base needed)
<b>TVW-BB1</b>	TruVision Wedge camera back box



Specifications subject to change without notice.  
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TVFC-M01-0401-WED-G\_DS\_July23