



TruVision M Series

TruVision IP wedge cameras 4MP



OVERVIEW

The TruVision M-series IP wedge cameras leverages the latest H.265+ video compression technology to bring state-of-the-art, high-definition pictures to the mass video surveillance market. With 4 Megapixels, these IP cameras represent a flexible video surveillance device to meet any need. Equipped with advanced technology and signal processing capability, they effectively capture video under challenging conditions.

The cameras go above and beyond standard motion detection with enhanced alarm capabilities, including cross line detection, intrusion detection and face detection features. With its smart person/vehicle feature the camera can ignore irrelevant motion or VCA events which will automatically lead to less storage consumption and faster retrieval of relevant video events.

TruVision cameras utilise H.265+ and/or H.264 compression technology with triple-streaming capability, making it easy to manage the camera's bandwidth usage. Recording to a local MicroSD card (not included) protects data in the event of network disruptions.

4MP DETAILS

- Maximum Resolution: 4MP (2688 x 1520)
- Fixed lens 2.8mm, motorised zoom lens 2.8 to 12 mm
- Person/vehicle classification
- Video intelligence: intrusion detection, cross line detection, face detection
- Up to 30 m IR illumination
- H.265+ compression
- ONVIF Profile G, S, T open standards
- Edge recording up to 256 GB SDHC card
- Fixed and varifocal lens options

Technical Specifications

TruVision 4MP

		TVGP-M01-0401-WED-B	TVGP-M01-0401-WED-G	TVGP-M01-0401-WED-W
				
General	Technology	IP		
	Video standard	NTSC, PAL		
	Image settings	Hallway View, Mirror, ROI (Region Of Interest)		
	Privacy masking	Yes		
	Software compatibility	Milestone XProtect, OnGuard, TruVision Navigator, TVRmobile, Web Browser		
Camera	Sensor size	1/3"		
	Max. resolution	4 MP		
	Sensor scan	Progressive		
	Sensor type	CMOS		
	Shutter time	1/3 to 1/100,000 s		
Lighting performance	WDR type	True WDR		
	WDR	120 dB		
	Digital noise reduction	3D DNR		
	Day/night	True Day/Night		
	Motorised IR cut filter	Yes		
	Colour sensitivity	Colour: 0.005 Lux @ (F1.6, AGC ON), 0 Lux with IR on		
	Infrared (IR)	Yes		
	IR range	30 m		
	IR wavelength	850 nm		
Encoding	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 to 8 Mbps		
	Main stream resolutions	1280 x 720 (XVGA), 1920 x 1080 (1080p), 2688 x 1520		
	Sub stream resolutions	640 x 360 (nHD), 640 x 480 (VGA)		
	Third stream resolutions	1280 x 720 (XVGA), 640 x 360 (nHD), 640 x 480 (VGA)		
Max. resolution @ fps	2688 x 1520 @ 25/30 fps			
Lens	Lens type	Fixed		
	Focal length	2.8 mm		
	f-stop	F1.6		
	Auto iris	No		
	Auto focus	n/a		
	Motorised zoom	No		

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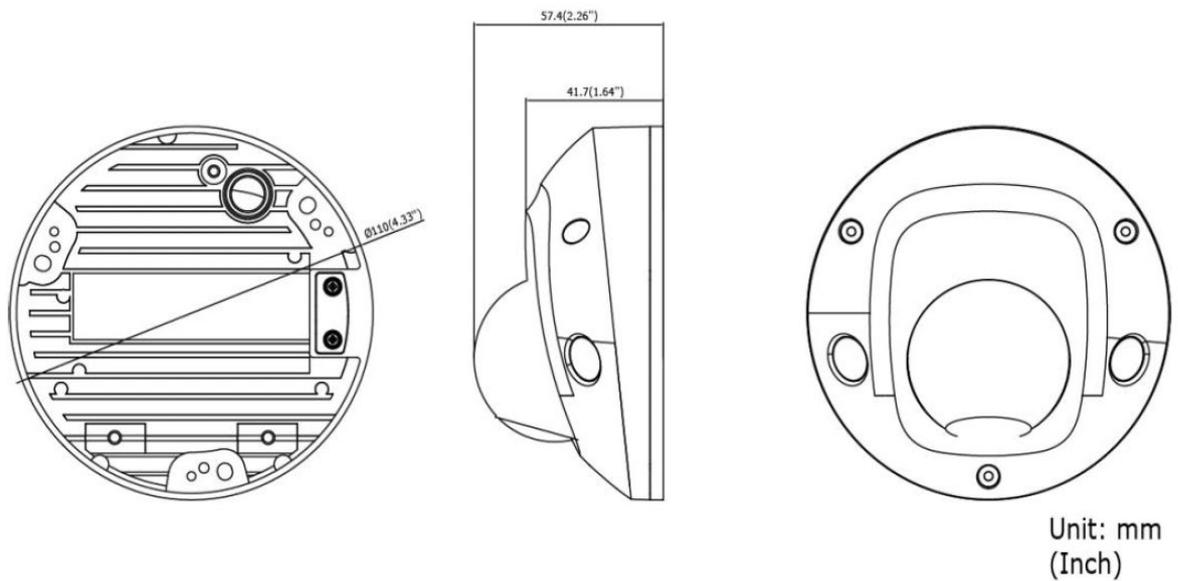
		TVGP-M01-0401-WED-B	TVGP-M01-0401-WED-G	TVGP-M01-0401-WED-W
				
Network	Network interface	RJ-45 10/100 Mbps self-adaptive Ethernet interface		
	Integration	ONVIF Profile G, ONVIF Profile S, ONVIF Profile T		
	Supported network protocols	802.1x, Bonjour, DDNS, DHCP, DNS, FTP, HTTP, HTTPS, ICMP, IGMP, IPv4, IPv6, NTP, PPPoE, QoS, RTCP, RTP, RTSP, SMTP, SNMP, TCP/IP, UPnP		
Audio	Audio compression	G.711alaw, G.711ulaw, G.722.1, G.726, MP2L2, MP3, PCM		
	Audio in	1 input (line in), two-core terminal block , max. input amplitude: 3.3 Vpp, input impedance: 4.7 K Ω		
	Audio out	1 output (line out), two-core terminal block , max.output amplitude: 3.3 vpp, output impedance: 100 Ω		
Storage	Local storage type	Built-in Micro SD/SDHC/SDXC card slot		
	Max. SD card capacity	256 GB		
Video intelligence	Alarm trigger	HDD error, HDD full, Invalid login, IP address conflict, Motion detection, Network disconnected, Video tampering		
	ROI	Support 1 fixed region for main stream and substream		
	Video analytics	Advanced motion detection, Audio exception detection, Defocus, Face detection, Intrusion detection, Line crossing detection, Object removal detection, Region entrance detection, Region exiting detection, Scene change detection, Unattended baggage detection		
	Intelligence options	Person/vehicle detection on motion, line crossing and intrusion detection		
Electrical	Operating voltage	12 VDC, 0.45 A, PoE (802.3af, 36 to 57 V), 0.18 to 0.11 A		
	Alarm input	n/a		
	Alarm output	n/a		
	Alarm I/O connection	n/a		
	Power consumption	max. 6.5 W		
Physical	Physical dimensions	\varnothing 110 mm x 57.4 mm		
	Net weight	380 g		
	Shipping weight	615 g		
	Colour	Black	Grey	White
	Form Factor	Wedge		
	Material	Aluminium		
Environmental	Vandal proof	Yes		
	Impact rating	IK8		
	Environment	Outdoor		
	Operating temperature	-30 to +60°C -22 to +140°F		
	Relative humidity	<95% (non-condensing)		
	IP rating	IP67		
Regulatory	Compliance	RCM, CE, FCC, REACH, RoHS, UL, WEEE		

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National Sales Enquiries
Level 4.01, 2 Ferntree Place
Notting Hill, Victoria 3168
Phone: 1300 361 479
Outside Australia: +61 401 777 572
www.aritech.com.au

Dimensional Diagram



Ordering Information

TVGP-M01-0401-WED-B	TruVision 4MP, H.265+, Smart IP Wedge Camera, 30m IR, 2.8mm, black
TVGP-M01-0401-WED-G	TruVision 4MP, H.265+, Smart IP Wedge Camera, 30m IR, 2.8mm, grey
TVGP-M01-0401-WED-W	TruVision 4MP, H.265+, Smart IP Wedge Camera, 30m IR, 2.8mm, white