

4K

SMART IR HD ANALOGUE TURRET CAMERA

Titus

CODE: TD-8MP-HD-TUR-FW



SMART
IR



HD
ANALOGUE
INPUT



30m
LED
RANGE



IP67
INGRESS
PROTECTION



AUDIO
BUILT-IN
MIC



Camera

Image Sensor	4K/8MP CMOS
Image Resolution	4K/8MP (3840 x 2160)
Scanning System	Progressive
Electronic Shutter Speed	PAL: 1/25s to 1/100,000s; NTSC: 1/30s to 1/100,000s
Minimum Illumination	0.03 lux @ F2.0 (30 IRE); 0 lux (Illuminator On)
S/N Ratio	>65dB
Illumination Distance	30m (98.4 ft.)
Illuminator On / Off Control	Auto / Manual
Illuminator Number	1 (IR Light)
Pan / Tilt / Rotation Range	Pan: 0°-360°; Tilt: 0°-78°; Rotation: 0°-360°

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Lens Information

Lens Type	Fixed Focal			
Lens Mount	M12			
Focal Length	2.8mm			
Maximum Aperture	F2.0			
Field of View	Horizontal: 105°; Vertical: 56°; Diagonal: 125°			
Iris Control	Fixed			
Close Focus Distance	1m (3.3 ft.)			
DORI Distance	Detect	Observe	Recognise	Identify
	75m (246.1 ft.)	30m (98.4 ft.)	15m (49.2 ft.)	8m (26.2 ft.)

Video

Video Frame Rate	CVI: PAL: 4K @ 25fps; 4K @ 15fps; 5MP @ 20fps; 4MP @ 25fps NTSC: 4K @ 30fps; 4K @ 15fps; 5MP @ 20fps; 4MP @ 30fps
	AHD: PAL: 4K @ 15fps; NTSC: 4K @ 15fps
	TVI: PAL: 4K @ 15fps; NTSC: 4K @ 15fps
	CVBS: PAL: 960H; NTSC: 960H
Resolution	4K/8MP (3840 x 2160); 5MP (2592 x 1944); 4MP (2560 x 1440); 960H (960 x 576 / 960 x 480)
Day / Night	Auto (ICR)
BLC	BLC / HLC / DWDR
WDR	DWDR
White Balance	Auto; Manual

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Video

Gain Control	Auto; Manual
Noise Reduction	2D NR
Smart Illumination	Supported
Mirror	Supported
Privacy Masking	Supported (8 Areas)

Certification

Certifications	- CE: EN55032; EN55024; EN50130-4; EN62638-1 - FCC: 47 CFR FCC Part 15, Subpart B; ANSI C63.4-2014 - UL/CUL:UL60950-1 & CAN/CSA C22.2 No. 60950-1
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Ports

Video Output	CVI; TVI; AHD; CVBS Outputs by 1x BNC
Audio Input	1 Channel Built-In Mic (-A)

Parameters & Dimensions

Power Supply	12VDC± 30%
Power Consumption	Up to 4.3W (12VDC; IR On)
Storage Temperature	-40°C to +60°C (-40°F to +140°F)
Working Temperature	-40°C to +60°C (-40°F to +140°F)
Working Humidity	Less than 95% (RH)
Protection	IP67
Casing	Metal
Product Dimensions	85.7mm x Φ94mm (3.37" x Φ3.7")
Net Weight	330g (0.73lb)
Gross Weight	470g (1.04lb)