

4K

DUAL-ILLUMINATION HD ANALOGUE TURRET CAMERA

Titus

CODE: TD-8COL-IL-TUR-FW



WHITE LIGHT
& IR



HD
ANALOGUE
INPUT



40m
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	0.01 lux @ F2.0 (Colour, 30 IRE); 0.001 lux @ F2.0 (Black / White, 30 IRE); 0 lux (Illuminator On)
S/N Ratio	>65dB
Illumination Distance	40m (131.23 ft.)
Illuminator On / Off Control	Auto / Manual
Illuminator Number	1 (Warm White Light); 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: 106°; Vertical: 56°; Diagonal: 125°			
Iris Control	Fixed			
Close Focus Distance	1.3m (4.27 ft.)			
DORI Distance	Detect	Observe	Recognise	Identify
	88m (288.71 ft.)	35.2m (115.49 ft.)	17.6m (57.74 ft.)	8.8m (28.87 ft.)

Video

Video Frame Rate	CVI: PAL: 4K @ 15fps; 5MP @ 25fps; 4MP @ 25fps; 1080P @ 25fps NTSC: 4K @ 15fps; 5MP @ 25fps; 4MP @ 30fps; 1080P @ 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 (2880 x 1620); 4MP (2560 x 1440); 1080P / 2MP (1920 x 1080); 960H (960 x 576 / 960 x 480)
Day / Night	Auto (ICR); Colour / Black / White
BLC	BLC / HLC / WDR / HLC-Pro
WDR	120 dB
White Balance	Auto; Area White Balance

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Video

Gain Control	Auto; Manual
Noise Reduction	3D NR
Illumination Modes	Smart IR & White Light; White Light Mode; IR Mode
Defog	Electronic Defog
Mirror	Supported
Privacy Masking	Supported (8 Areas)

Certification

Certifications	- CE-LVD: EN62368-1 - CE-EMC: EN55032; EN55035 - FCC: 47 CFR FCC Part 15, Subpart B - UL/CUL: UL62368-1 & CAN/CSA C22.2 No. 62368-1-14
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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 $\pm$ 30%
Power Consumption	Up to 5.7W (12VDC; LED 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	99.2mm x Φ 106mm (3.91" x Φ 4.17")
Net Weight	470g (1.04lb)
Gross Weight	690g (1.52lb)