

CT3014 Mantis 3 30x Zoom Full HD IP Camera

Technical Specification

Models	CT3014-IP
Housing	Titanium (Standard)*
Window	Sapphire
Depth Rating	6000 m
Housing Dimensions**	100 mm body dia. / 110 mm bezel dia. x 204 mm L
Weight	1.8 kg (water) / 4.15 kg (air)
Connector (Standard)	MCBH8M
Voltage	12-24VDC
Angle of View	70° diagonal / 61° horizontal (in water)
Power Consumption	650mA (Max)
Sensor	1/2.8" Sony Starvis 2 CMOS
Minimum Illumination	0.09 lux
Operating Temperature	-10°C to +50°C
Optical Zoom	30x
Video Encoding	H.265/HEVC, H.264
Video Resolutions	1080p at 60 / 50 / 30 / 25 fps
Ethernet	Compatible with 10/100 or 100/1000 Mbps
Ethernet Streaming Protocols	RTP, RTSP, UDP, RTMP, TSRTSP, MPTS
Latency	<120ms

***Alternative housing materials available on request**

****Excluding connector**



Order Code: CT3014-IP-TI (IP Output)

Full HD IP subsea camera with 30x optical zoom for detailed inspection

The CT3014 Mantis 3 IP is a full HD subsea colour camera with integrated focus and 30x optical zoom, designed for detailed visual inspection and long-range viewing.

The IP model supports H.265/HEVC and H.264 encoding, 1080p video at 60, 50, 30 and 25 fps, and a selection of Ethernet streaming protocols for integration with ROV, survey and remote observation systems.

Its titanium housing and sapphire window support operation at depths of up to 6,000 metres, while the 12 to 24 VDC input provides flexibility across different vehicle and inspection platforms.

The Mantis 3 is also available with 4K, HD, SD and HD-SDI video output configurations to suit different system integration requirements. See c-tecnics.com for details.

Applications: ROV, Survey, Marine Scientific, Commercial Diving

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