

Mantis 2 20x Zoom HD Camera

Technical Specifications

Housing:	Anodised Aluminium
Viewport:	Sapphire
Depth Rating:	1000m
Length:	190mm
Diameter:	97mm (body)/106mm (bezel)
Weight:	1055g (water) / 2500g (air)
Connector:	BRM06MCX (HD-SDI) 5507-1508 (component)
Voltage:	12-24VDC
Power Requirements:	550mA (850mA on startup)
Sensor:	1/3" HD CMOS
Lens:	20x optical zoom 4.7 mm to 94.0 mm
Iris:	Automatic, f1.6 – close
Camera Control:	RS232, RS485 (selectable)
Angle of View:	62°
Pixels:	1920 x 1080
Video Output Signal:	HD-SDI or component (HD) SDI or component (SD)
Video Output Format:	1080p 30 or 25fps (HD) PAL/NTSC (SD)
Operating Temperature:	-10 to +50°C
Operating Life:	50,000 hours



Part No: CT3014

Full HD 20x Zoom/Focus Subsea Camera

The Mantis 2 is a full high definition (HD) colour focus and zoom camera. The 1/3-inch CMOS sensor provides exceptional picture quality with full HD levels of resolution and it incorporates a 20:1 optical zoom lens. The camera can provide up to full 1080p HD output signal in either analogue component or HD-SDI format.

The Mantis 2 has been designed to be as compact as possible but still provide the highest quality of picture for all subsea viewing applications.

Applications: ROV – Survey – Marine Scientific