

Mantis 10x Zoom HD Camera

Technical Specifications

Housing:	Anodised Aluminium
Viewport:	Sapphire
Depth Rating:	1000m
Length:	180mm
Diameter:	68mm (body)/68mm (bezel)
Weight:	1100g (water) / 2100g (air)
Connector:	BRM06MCX (std.)
Voltage:	12-28VDC
Power Requirements:	4W
Sensor:	2.4MP 1/3" CMOS
Lens:	10x optical zoom 5.1 mm to 51.0 mm, f1.8
Iris Control:	Automatic, f1.6 – close
Serial Protocol:	RS232, RS485 (selectable)
Angle of View:	68°
Effective Pixels (video):	1920 x 1080 (FHD)
Video Output Signal:	HD-SDI
Video Output Format:	1080p 30fps
Operating Temperature:	-10 to +50°C
Operating Life:	50,000 hours



Part No: CT3009

Full HD 10x Zoom/Focus Subsea Camera

The Mantis HD is a compact, colour zoom and focus high definition camera. The 1/3-inch CMOS sensor provides exceptional picture quality with the highest level of resolution.

The camera provides a full 1080p HD output signal (in HD mode), and incorporates a 10x optical zoom. The camera 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 - Commercial Diving