



# Manta HD



## FEATURES

- ▶ 1080P HD-IP or HD-SDI camera
- ▶ 30x optical zoom
- ▶ Local recording to SD card
- ▶ Onvif profile S compliant
- ▶ External Pan/Tilt/Light connection
- ▶ 1,000m rated

# Technical Specs

## Manta HD

PARAMETER	MANTA HD		
Model Number	AR205		
Depth Rating	1,000m (3,300ft)		
Image Sensor	Sony 1/2.8 Exmor R CMOS		
Video Resolution	1920 x 1080 @ 30fps (1080p30 Full HD)		
Min illumination	.01 lx (color)		
Aperture	F/1.6 (Wide) to F/4.7 (Tele)		
Zoom	30x (optical), 360x (w/digital)		
Diagonal Field of View air	73 deg		
Diagonal Field of View water	53 deg Flatport , 73 deg Domeport		
Video Compression	H.264 codec; UDP-multicast		
Features	WDR, Image Stabilizer, Noise Reduction, High Light Compensation, Defog, Stable Zoom, Auto IR-cut Filter		
Power	10 – 36 Vdc		
Housing Materials	Aluminum/Acrylic		
Dimensions	198mm (7.8in) (L) x 82.6mm (3.25in) (dia) with connector		
Weight	1.21kg (2.67 lbs) air; .34kg (.75 lbs) seawater		
Operating Temp.	-5°C – 50°C		
Main Connector (DBH13M Standard) (MCBH8M Optional)	1: GND 3: 10 - 36 VDC 4-7: N/C	8: Eth RX+ 9: Eth RX- 10: Eth TX-	11: TX+ 12: N/C 13: Chassis
P/T/L Connector (optional) (MCBH4F Standard)	1: GND 2: 10 - 36VDC (out)	3: RS232 RX (in) 4: RS232 TX (out)	

