

# 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
- ▶ Durable anodized aluminum housing



*Technical specifications on reverse*

# 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)		
IP Video Compression	H.264, MJPEG		
IP Video Latency	<200ms glass-to-glass (dedicated network, single switch, using ODM)		
Min Illumination	.01 lux (color)		
Max Aperture	F/1.6 (Wide) to F/4.7 (Tele)		
Zoom	30x (optical), 360x (w/digital enabled)		
Diagonal Field of View (air)	73 deg		
Diagonal Field of View (water)	53 deg Flatport, 73 deg Domeport		
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	1.2kg (2.67 lbs) air; 34kg (.75 lbs) seawater		
Operating Temp.	-5°C to 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 - 36 VDC	3: RS232 RX (in) or RS485 (A) 4: RS232 TX (out) or RS485 (B)	

