UNDERWATER HD CAMERA

High definition IP camera

HD-4MP

- 16:9 aspect ration: 1920x1080
- 4:3 aspect ratio: 2288x1712
- 10x optical zoom
- 16x digital zoom
- F1.8 –2.5 lens
- 79° FOV max
- 32 GB local video storage
- Video output via IP, NTSC, and HDMI
- H.264/JPEG image/video compression
- 4 simultaneous video/image streams

DURABLE

Designed for long-term deployments

FULL HD RESOLUTION

Maximum video resolution (pixels) - 16:9 aspect ratio 1920x1080, or 4:3 aspect ratio: 2288x1712

WIDE FIELD OF VIEW

By combining a very low light image sensor with high output lighting this camera can see in even the murkiest water

LOW LIGHT ENVIRONMENTS

Rated to 125 °C (257 °F)

479 John Street, Victoria, BC, Canada, V8T 5H1
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TIMBERSTONE TOOLS

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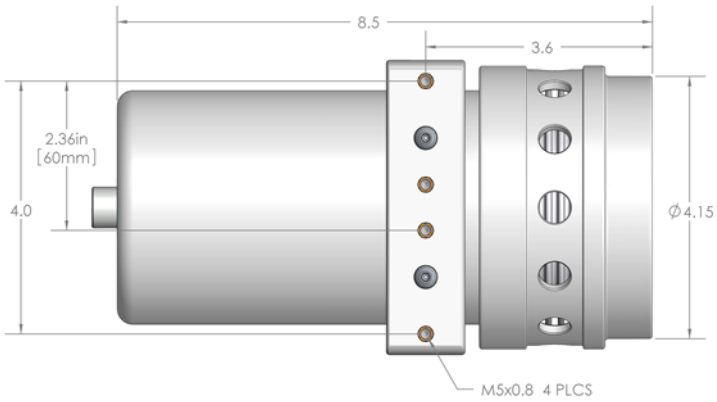

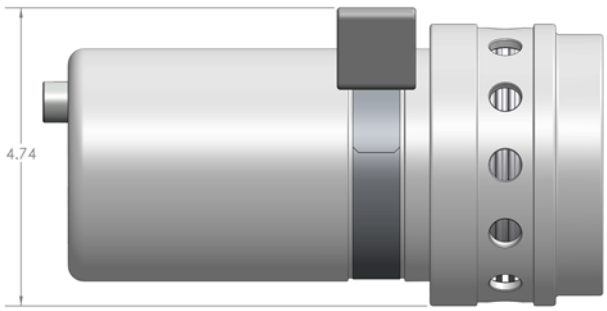

MECHANICAL

Body Material	Acetal and hard anodized 6061 aluminum with Teflon Coating
Window Material	Optical grade polycarbonate
Mounts	Acetal

ENVIRONMENTAL

Rated depth	300 m (984 ft)
Test Pressure	
Operating Temperature	-10 - 40 °C (14 - 104 °F)
Storage Temperature	-20 - 70 °C (-4 - 158 °F)

DIMENSIONS

Size	216 x 114 mm (8.5 x 4.5 in)
Air Weight	2.13 kg (4.69 lbs)
Water Weight	TBD kg (lbs)

VIDEO OUTPUT

Interface	10BASE-T / 100BASE-TX
Video Compression	H.264 & JPEG
Protocols	TCP/IP, UDP, HTTP, HTTPS, SMTP, NTP, DHCP, FTP, DDNS, RTP, RTSP, RTCP
Simultaneous Access	20
Output Formats	NTSC, HDMI

OPTICAL

Focal Length	4.3 – 47.5 mm (0.17 — 1.87 in)
F-Number	F1.8 – F2.5
Zoom	10x optical, 16x digital
Field of View	79° diagonal in air at minimum zoom 8.6° at maximum zoom

ELECTRICAL

Input Voltage	12 – 15VDC
Maximum Power	15W

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