

SubVIS | ORCA

SUBSEA VISUAL INTELLIGENCE SYSTEM

Step into the world of fully digital subsea video with the Imenco SubVIS ORCA II Camera.



- ▶ HD Ethernet 1080p@60fps low latency video streaming
- ▶ Camera with an Imenco designed powerful Embedded Computer
- ▶ Ready for advanced image enhancement and Computer Vision
- ▶ Software SmartView client with OSD and recording / snapshot
- ▶ Snapshot interval timer integrated in SmartView Client
- ▶ Standard video streaming protocols RTSP / RTP
- ▶ HTTP commands for configuration and control
- ▶ Video time-stamp logging

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Ethernet: 100/1000Mbit TP

Ethernet video streaming protocols: RTSP/RTP, UDP, Unicast/Multicast

Ethernet control protocol: HTTP

Video compression: H.264 AVC up to 40Mbps

Video resolutions: 1080p@60/50/30/25, 720p@60/50, 576p@50/25, 480p@60/30,

Optical: Ivanoff-Rebikoff water correction lens system

Latency: ~150mS

Built in 9-axis sensor:

- 3-axis gyroscope
- 3-axis accelerometer
- 3-axis magnetometer

Additional Interfaces:

- RS232 & RS485
- 2 x GPIO



Main dimensions (ex conn.)	Ø 140 / 117 x 226
Optical Zoom	30x
Angle of view – wide (in water)	75° diagonal / 62° - horizontal
Housing	Titanium
Depth rating	6 000 msw
Standard connector	Subconn DBCR2013M
Power requirements	24VDC (18 – 75)
Mass in air	5,0 Kg
Mass in water	1,2 Kg