

AQV-150 ANALOG PAN TILT CAMERA SPECIFICATIONS

PRODUCT DESCRIPTION

AquaView 150 is the analog pan tilt subsea and marine camera for most uses, featuring a Sony sensor. Housing made from POM hard plastic, it can withstand rough conditions, harsh chemicals and be permanently submerged. Provided with subsea connector. Being an analog camera, the latency minimal. Available with temperature and depth sensor, displayed on the video stream.

Known for great image quality, you will find this used in the oil industry, aquaculture, subsea robotics, and inspection services.



TECHNICAL SPECIFICATION

HOUSING

Max operation depth	150 meters (15 bar)
Material	Black Polyoxymethylene (POM)
Connector	Subsea connector or cable gland
Diameter	159mm Ø (without connector)
Height	150mm
Weight	1 750 grams
Operation temperature	-10°C to +50°C

CAMERA SPECIFICATION

Camera resolution	4K / FullHD / HD, Progressive
Sensor size	1/1.8"
Lens	2.1mm fixed ~107 degrees FOV
Shutter speed	1/50s to 1/30000s
White balance	Automatic / Manual / Preset
Minimum illumination	0,00017lx Color 0,00008lx BW
Video format	AHD, HD-SDI, TVI, CVI, NTSC or PAL, CVBS
Pan & Tilt communication	RS-485 (Pelco-D)
Viewing interface	Recorder, monitor
Input power	12-24 V DC
Power usage	Max 2A

ANALOG CAMERA BENEFITS

Analog cameras are often chosen for their extremely low latency, hassle-free connectivity to existing systems or new analog recorders.

Being analog, it starts up momentarily upon connecting power, immediately giving you a camera feed. The pan tilt unit is belt drive which makes it silent and reliable.

We deliver products with quality components from known suppliers such as Macartney, Sony and Watec.



MARKET LEADING SUBSEA CABLE QUALITY

We use a unique molding and sewing process to get a very strong bond between cable, connector, and molding compound. We custom make splitters, connectors, cut-to-length cable, and connection boxes.



MATERIALS

For the Camera housings, adapters, brackets we use a high tensile strength Acetal (POM), and the connector is marine grade stainless steel. This makes it able to sustain impacts and scratches very well and be corrosion resistant. Can be permanently submerged down to the rated 150 meters.

