

AQV-51, 52 ANALOG SPECIFICATIONS

PRODUCT DESCRIPTION

AquaView 50 series is the mini analog subsea and marine camera for most uses, featuring a Sony sensor, and built-in light. 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 light on demand.

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	250 meters (25 bar)
Material	Black Polyoxymethylene (POM)
Connector	Subsea connector or cable gland
Diameter	47mm Ø
Length	49mm (w/o connector)
Weight	120 grams (with connector)
Operation temperature	-20°C to +60°C

CAMERA SPECIFICATION

Camera resolution	Full-HD 1080*1920 Progressive
Sensor size	1/2.9"
Lens FOV	w/ light 4mm, w/o light 2.8
Shutter speed	Auto 1/50s to 1/50000s
White balance	Automatic / Manual / Preset
Minimum illumination	0,01lx Color
Video format	AHD, HD-SDI, TVI, CVI, NTSC or PAL, CVBS
Viewing interface	Recorder, monitor
Input power	12V DC (w/ light 300mA, w/o light 60mA)
LED power	2W

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.

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



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 250 meters.

