

VS3870 SMART COLOUR TV CAMERA



GENERAL DESCRIPTION

Oceanscan Limited and ECA Hytec, who for 20 years have pioneered subsea imaging, have developed the latest underwater video systems for the offshore oil and gas, defence and scientific markets. With the introduction of the VS3870 Smart Colour TV Camera, Oceanscan and ECA Hytec bring to the marketplace the latest innovation in underwater imaging, transmission and remote technology which is fully compatible with existing camera installations.

The VS3870 offers unparalleled performance together with the industry's second-to-none, worldwide technical support.



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Accredited to BS EN ISO 9001:2000

VS3870

SMART COLOUR TV CAMERA

TECHNICAL SPECIFICATIONS

VS 3870

3000 METER RATING, SMART COLOUR TV CAMERA

Pick Up Device:	1/4" IT CCD
Pick Up Elements:	752H x 582 V
Resolution:	470 TV Lines
Minimum Illumination:	4 lux (on scene)
Signal Output:	1 Vcc / 75 ohms composite
Colour Standard:	PAL (NTSC Optional)
Diagonal Angle of View:	60° (wide angle in water)
Lens:	zoom: 2.5 / 25mm - F: 1.8
Power Requirement:	24 V / 100mA
Dimensions:	
- length:	176mm
- diameter:	75mm
Weight:	2.7kg in air 2.0kg in water
Operating Depth:	3000 metres
Operating Temperature:	-5° to +45°C
Connector:	8 pin miniburton
Material:	316L stainless steel housing

Remote control of camera functions can be done in 3 different modes:

1. Logic remote control : for zoom only
2. Analogic remote control : for zoom and focus (auto and remote controlled).
3. RS232. Serial link: for zoom and focus, shutter, iris, gain, white balance.

Delivered with Windows compatible software.



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