

SF19



OVERVIEW

Rovotics SF19 Wide Angle underwater colour camera delivers a high resolution video, thanks to its CCD technology and 460 TV lines. Its 65° diagonal in water, its sapphire glass and the anodised aluminium housing provide an excellent camera at a very competitive price.

TECHNICAL SPECIFICATIONS

ELECTRICAL

◆ Image Sensor:	1/4 type IT CCD (EXview HAD)
◆ Horizontal Resolution:	460 TV lines (WIDE end)
◆ Picture Elements:	Approx. 440K pixels (752 H x 582 V)
◆ Lens:	0.45x Wide Angle
◆ Min Illumination:	0.7 1x (F1.4 or 1/50 S PAL)
◆ Recommended Illumination:	100 to 100,000 1x
◆ Back Light Compensation:	Yes
◆ White Balance:	ATW, Indoor, Outdoor
◆ Wide Dynamic Range:	ON/OFF
◆ Signal to Noise Ratio:	>50dB
◆ Power Requirements:	24V DC / 8.6W
◆ Video Output:	VBS: 1.0 Vp-p (Sync negative)

OPTICAL

◆ Angle of View:	65° diagonal (in water)
◆ Window:	Sapphire Glass

ENVIRONMENTAL

◆ Depth Rating:	2000m
◆ Operating Temp:	0 to 50°C (32 to 122 °F)/20 to 80%
◆ Storage Temp:	-20 to 60°C (-4 to 140 °F)/20 to 95%

MECHANICAL

◆ Weight in Air:	2.4kg
◆ Weight in Water:	0.7kg
◆ Diameter:	98mm
◆ Length (Excluding Connector):	205mm
◆ Housing Material:	Aluminium 6082-T6
◆ Connector:	As per customer requirements

ROVOTICS
SUBSEA TECHNOLOGY REDEFINED



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