

# COEX™ C1000-1F Marine Camera Station

The COEX™ C1000-1F camera station features high resolution camera and lens combinations to give unprecedented imaging capability. With a 316L stainless steel enclosure C1000-1F is suitable for harsh marine environments.



The COEX™ C1000 marine camera stations are manufactured from the highest grade, corrosion resistant, electro-polished 316L stainless steel – incorporating state of the art camera and control options.

The advanced mechanical design provides a reliable solution for both security and process monitoring in any environmental condition.

Integrated with the latest camera technology, the C1000 camera stations are compatible with all transmission methods including IP and fibre optics.

## Features

- DNV Type Approval
- CSAus Certification
- CSA Canadian Certification
- IP66 & IP67 Rated – Completely Protected Against Dust & Water Ingress, for the Most Demanding Environments
- Type 6 Enclosure
- Electro-polished 316L Stainless Steel, for Maximum Corrosion Resistance
- Low Voltage Operation
- Single Stationary Cable Tail
- Toughened Glass Window
- Thermostatically Controlled Window Demister
- Removable Camera Chassis for Ease of Servicing

## Options

- IP, Fibre Optic Available with Associated Junction Box

# Specifications

CERTIFICATIONS / RATINGS		[OPTIONS]
Certifications / Ratings	DNV Type Approval CSAus / CSA Canadian Class 3862 13 and Class 3862 93 EMC:61000 CE Compliant IP66 & IP67 to IEC 60529 Type 6 Enclosure	
ENVIRONMENTAL		
Operating Temperature*1	-45°C to +70°C	
MECHANICAL		
Material	Electro-polished 316L Stainless Steel	
Window	Toughened Glass, Thermostatically Operated Demister	
Mounting	1 x Ø 10.5 mm	
Dimensions (W x D x H)	166 x 310 x 230 mm	
Weight	5 kg	
ELECTRICAL		
Power Requirements	24Vac 50 / 60Hz or 24Vdc (±10%)	
Power Consumption*1	20VA Maximum	
CAMERA / LENS		C1000-1F
Video Output	1.0 Vp-p CVBS into 75Ω Colour PAL 50Hz [NTSC 60Hz]	
Image Sensor	1/3" Super HAD CCD	
Resolution	530TVL	
S/N Ratio	>50dB	
Zoom Range	Varifocal	
Minimum Illumination	0.05 lux colour 0.0004 lux mono	
Focal Length	3.5 to 8 mm	
Angle of View (H)	33° to 71.4°	
Aperture	F1.0	
Camera Functions	Backlight Compensation, Motion Detection, Privacy Masking, Sens-Up (Frame Integration), White Balance, Electronic Shutter Speed, Gain Control	

NOTE: \*1 Dependant on equipment fitted.

## Synectic Systems

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Specifications subject to change. E & OE.

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MANUFACTURER OF



CAMERA STATIONS

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