

Remote control crawler video camera

oe16-100a-6940



- Access to gaps >150mm high and 235mm wide
- Powerful PATZ camera (10x optical)
- Remote control up to 20m (max)

The OE16-100a-6940 is an innovative Remote Control (RC) Crawler CCTV Camera which provides another versatile camera head option for Kongsberg Maritime's OE16-100a 'Cobra' Sectional Pole Video Inspection System.

With the simple factory fitted addition of a power supply and camera controller to the OE16-100a control box, you have a remote pan and tilt zoom (PATZ) camera function (with LEDs) capable of inspecting space restricted areas or where access would otherwise be denied. This simple and cost effective design is extremely versatile and suitable for harsh environments in many different types of industries.

The robust control cable ensures you always have a method of contact with the crawler and the compact dimensions allow access to gaps of just over 150mm high and 235mm wide. With an extremely tight turning circle, the crawler can be easily retrieved from small spaces or enclosures using the simple forward/reverse and left/right control switches. The camera has full pan and tilt functions from the same controller as the crawler so your subject can be located and recorded very easily. The construction is modular so different camera positions and dimensions could be configured for smaller entries.

Additional cameras, including a Zoom Rotate and Tilt (ZRAT) camera, can be mounted for rear-view or higher viewing positions. These would be factory fitted additional cost options.

Standard Features

Electrical

Image Resolution	480 TV Lines
Minimum Scene Illumination	0.1 Lux
Sensor Type	1/4" Colour Super HAD CCD sensor
Signal to Noise Ratio	>46dB
Framing Video	625 Line /50Hz PAL 525 Line /60Hz NTSC
Power Input	Constant Voltage 12V dc, 800Ma (max)

Environmental

Temperature Range	Operating -5°C to +40°C Storage -20°C to +60°C
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Optical

Standard Lens	f3.8 – 38, F1.8 to F2.8
Iris Control	Automatic
Focus Control	Automatic or Manual focus
Angle of View	5.6° -51.2° Diagonal
Pan Angle	0° - 350°
Tilt Angle	5° - 90°

Crawler

Size	150mm (H) x 300mm (L) x 235mm (W)
Weight	2.43Kg
Speed	0.3m/s
Turning Circle	360mm

Cable

Diameter	6.5mm
Length	20m (standard)

Options

Camera configurations/dimensions
Additional rear-view reversing camera
Camera on a pole for higher viewing

