

Zone 1 & Zone 2 15" Polaris Monitor



The screen of the Scout CCTV 15" Polaris monitor is a TFT display with an XGA resolution at 1024x768 pixels and is characterized by its excellent brilliance and a very large reading angle.

The Polaris monitor with TFT display with a composite video interface designed for mounting in multiple Ex zones. The Polaris monitor is easy to install via the unit's front panel fittings, or alternatively, enclosed in an optional stainless steel housing for wall, floor or ceiling-mounted installations.

BENEFITS

- Simple operation and easy installation
- Highly durable stainless steel housing (optional)
- Can be delivered as Zone 1 and as Zone 2 monitor
- Suitable for indoor and outdoor operation
- Excellent picture quality
- Multiple power options
- Compact design
- Documentation and instructions on USB memory stick

PRODUCT FEATURES

- Excellent brilliance and read angle
- Enclosure can be wall, floor or ceiling mounted
- Combines with Scout Safe Zone or / and Ex power supply, junction box, control box and cameras.
- Different mounting frames can be delivered on request
- LCD sunlight readable monitor
- Waterproof grade of IP65 (front) and IP54 (rear)





Specifications



15" POLARIS MONITOR GENERAL

Power supply	90 - 253VAC; 50 - 60 Hz, 24VDC, 12VDC (on request)
Max. power consumption	<60W
Display	15" TFT graphic display XGA resolution 1024x768 Brightness 350 cd/m2 Visible area 304x228mm Contrast 700:1 Antireflective coating glass pane
Backlight illumination	LED technology Service life approx. 50,000 hours (at +25 °C)
Service-life (approx)	50,000hrs at +25°C
Video input	1x Composite video 1V _{p-p}
Video connection	Connection via terminals
Admissible ambient temperatures	Storage -20°C to +50°C Operation 0°C to +50°C
Humidity	5 – 95 %RH, non-condensing
Material front	Polyester foil on anodised aluminium plate (conditionally UV-resistant)
Material enclosure	Galvanized sheet steel, bichromated
Mounting	Panel mounting
Ingress protection	IP65 (front), IP54 (rear)
Dimensions (W x H x D)	411 mm x 332 mm x approx. 135 mm
Wall cut-out	394,5 x 315,5 + 0,5mm

15" POLARIS MONITOR ZONE 1 and 21

ATEX approval	IBExU 05 ATEX 1117 X
ATEX protection type	 II 2G Ex eb qb [ib op pr] IIC T4  II 2D Ex tb IIIC T120 °C
IECEx approval	IECEx IBE 11.0007 X
IECEx protection type	Ex db eb qb [ib op pr] IIC T4 Ex tb IIIC T120 °C
Weight	Approx. 23 kg

15" POLARIS MONITOR ZONE 2 and 22

ATEX approval	ATEX manufacturer's declaration
ATEX protection type according to manufacturer's declaration	 II 3G Ex nA IIC T4 Gc  II 3D Ex tc IIIC T120 °C Dc
IECEx approval	NA
IECEx protection type	NA
Weight	Approx. 12 kg