

## Scout CCTV Standard system



**The Scout CCTV standard safety monitoring system includes up to two cameras (suspended and/or fixed), an LCD monitor, power supply unit, junction box and hand-held controller. The system can be configured for Zone 1 / 2, and / or Safe Zone use.**

The 100C Ex Zone 1 / 2 crane camera and the 100C Safe Zone crane camera are suspended with Scout CCTV's patented PMB - a fully closed stainless steel magnetically damped pendulum bracket. The PMB can be attached to standard crane booms or knuckle boom cranes. The oil-free damping properties of the PMB are unaffected even under extreme temperatures.

The Scout CCTV 100F wall-mounted stainless steel fixed camera is also available in Zone 1 / 2 and Safe Zone models.

All Scout CCTV cameras come with a preinstalled heating element and a pre-terminated pigtail for easy connection to a junction box. Standard mud-resistant, halogen-free CAT7 cables are used for transmitting video, telemetry, and power.

The GLT104MS and GLT150MS 10.4" and 15" LCD monitors are high quality, sunlight-readable units with an ingress protection rating of IP67

The Scout CCTV PSU01 / PSU02 is an IP66-rated power supply box that contains all terminals for cameras, remote control (RCB01), and monitors.

### BENEFITS

- Systems can be customized for up to 4 cameras on request
- Stainless steel IP66 camera housing in Exd or NonEx
- Cameras with pre-installed thermostatically controlled heating element
- System operates on 100-240V, 50-60HZ or 24VDC
- Simple installation
- Documentation and instructions on USB memory stick

# Specifications

## CAMERA

Image sensor	1/4" Ex-view HAD CCD
Horizontal resolution	530TVL
Lens	f4.1mm (wide) - 73.8mm (tele) (48°-2.8°) Autofocus / advanced autoris
Zoom	18x optical / 12x digital
Min. illumination	Day: 0.7 Lux at 1/50 sec. / night: 0.01 Lux at 1/3 sec.
Focus	Auto / manual
S/N ration	>50dB
Protocol	Pelco D
Options	28x optical zoom and image stabiliser

## Ex CAMERA HOUSING

Material	316L stainless steel
Dimension	Ø101 x L239mm
Weight	4,4kg
Ingress Protection	IP66
Approval	DNV-2004-OSL-ATEX-0115
Ex-protection	⊕ II 2 G / Ex d IIC T6
Operating temperature	Ta -40°C to +55°C
Entries	Ex d gland M20

## NonEx CAMERA HOUSING

Material	316L stainless steel
Dimension	Ø101 x L220mm
Weight	3,3kg
Ingress Protection	IP66
Approval	NA
Ex-protection	NA
Operating temperature	Ta -40°C to +55°C
Entries	Gland M16

## Ex JUNCTION BOX

Material	316L stainless steel
Dimension	145 x 145 x 80mm
Weight	1,2kg
Ingress Protection	IP66
Approval	DNV-2001-OSL-ATEX-0176
Ex-protection	⊕ II 2 G / Ex eb IIC T5
Operating temperature	Ta -20°C to +45°C
Entries	2x Ex e gland M20
Fixings	2xM8

## NonEx JUNCTION BOX

Material	316L stainless steel
Dimension	145 x 145 x 80mm
Weight	1,2kg
Ingress Protection	IP66
Approval	NA
Ex-protection	NA
Operating temperature	-20°C to +45°C
Entries	2x gland M20
Fixings	2xM8

## POWER SUPPLY

Material	Powder coated steel
Dimension (HxWxD)	300x300x125mm
Weight	6,3kg
Ingress protection	IP66
Power	100-240VAC, 50-60Hz (PSU01) or 24VDC (PSU02)
Entries	6x glands at bottom

## MONITOR

	GLT104MS	GLT150MS
LDC panel	10.4"	15"
Resolution	SVGA (800x600)	XGA (1024x768)
Signal input	Composite video (1CH)	
Control	Remote control / front touch	
Ingress protection	IP67	
Power input	12VDC, 30W	12VDC, 36W
Operation temperature	-10°C to +50°C	
Fixings	VESA 75 (4xM4)	
Dimension (HxWxD)	246x273x50mm	333x377x58mm
Weight	3kg	5kg

## CONTROL BOX

Material	ABS
Dimension (HxWxD)	90x50x36mm
Weight	0,2kg
Ingress protection	IP54
Entries	Anti-kink sleeve

## PENDULUM PMB03A

Material	316L stainless steel
Footprint, pendulum	100x140mm
Fixing, bottom	M8x4
Dimension (HxWxD)	104x105x144mm
Weight	7.5kg