



07027E00

### DOME Camera Series EC-750-PA

- Explosion proof color TV camera with pan / tilt head and zoom
- Chemical, shock and vibration resistant
- Water- and dust- proof (IP68)
- Compact and lightweight
- Day and night vision 18x zoom
- High-resolution  
460 (PAL) / 470 (NTSC) TV lines
- Embedded IP server (optional)
- Preset positions (64) and paths

	Zones					
	0	1	2	20	21	22
Installation in		X	X		X	X

STAHL

The EC-750 DOME camera with protection class IP 68 is available for CCTV complete solutions in hazardous areas of zones 1, 2, 21 and 22. The autofocus system is mounted in a robust dome and can pan 360° non-stop, with a tilt-angle of  $\pm 90^\circ$ . The color camera has a resolution of 460/470 TVL (PAL/NTSC), 18 x optical zoom and night vision. Up to 64 positions and paths can be pre-set. As an option, the EC-750 can have an integrated IP server. The camera is chemical, shock and vibration resistant. The camera is also designed for maritime application, both onshore and offshore.

#### Selection Table

Version	Description	Ordering code	Weight kg
Dome camera series EC-750-PA	Explosion proof Dome camera with pig tail; analog CVBS-output	<b>EC-750-PA-VI-PE</b>	1,000
	Explosion proof Dome camera with ROTA-type socket connector; analog CVBS-output	<b>EC-750-PA-VI-RO</b>	1,000
	Explosion proof Dome camera with ROTA-type socket connector and integrated IP server	<b>EC-750-PA-IP-RO</b>	1,000
	Explosion proof Dome camera with pig tail and integrated IP server	<b>EC-750-PA-IP-PE</b>	1,000

Technical Data	
Explosion protection	
ATEX	LCIE 06 ATEX 6051 X Ⓜ II 2 GD EEx d IIC T6 IP68 T85°C for PE version and from - 20 °C ... + 55 °C Ⓜ II 2 GD EEx d IIC T5 IP68 /T100°C for PE version and from - 20 °C ... + 60 °C Ⓜ II 2 GD EEx d IIC T6 IP68 T85°C for RO version and from - 20 °C ... + 55 °C
CCD	1/4" CCD Sensor PAL or NTSC
CCD total pixels	440,000 (PAL); 380,000 (NTSC)
Minimum illumination	0.7 lux in standard mode, 0.01 lux in slow shutter mode and ICR
Signal-noise ratio	> 50 dB
A.E.S. (automatic electronic shutter)	Yes
Gain control	AGC (automatic gain control)
White balance mode	Automatic
Lens	18 x optical zoom (focal lens 4.1 to 73.8 mm)
Focus	Automatic with remote control override
Lens settings	Tilt - 90° to + 90° with flip facility; Pan 360° without stop
Mechanical shock resistance	Shock and vibration resistant
Housing	Stainless steel 316
Operating temperature range	- 20 °C ... + 55 °C for RO version - 20 °C ... + 55 °C for PE version and T6 / T85 °C - 20 °C ... + 60 °C for PE version and T5 / T100 °C
Cable length	5.0 metre (+ 0.1) cable for the PE version
Power consumption	18 to 30 V DC, max. consumption 12 W

Accessories and Spare Parts			
Designation	Description	Ordering code	Weight kg
Ex e junction Box	Ex e junction box • Ⓜ II 2 G EEx e II T6/T5 • Ⓜ II 2 D IP66 T80 °C, T95 °C • 8 terminals MXK4 • 2 PE terminals MSLKG 5 • 2 cable glands 8161-M16 • IP66 waterproof • black • Polyester material	<b>JCT-8118-122-099-001</b>	1,000
Multi cable	Multi cable universal • 1 coax + 5 wires • Price per metre	<b>VB-CAM-MULTI-01-UNI</b>	0,100
	Multi cable armoured • 1 coax + 5 wires • Mud and oil resistance • Price per metre, maximum of 100 metres between control box and camera	<b>VB-CAM-MULTI-01-ARM</b>	0,100
Videos erver	1-channel video server with 9 V power supply	<b>VS-AXIS-241S</b>	1,000
	4-channel video server with 9 V power supply	<b>VS-AXIS-241Q</b>	1,000

We reserve the right to make alterations to the technical data, weights, dimensions, designs and products available without notice. The illustrations cannot be considered binding.

