

VS 45 I EX

Explosion Proof Wide Angle
Colour TV Camera



underwater **vision** specialists

Features

- Extremely Compact
- Wide Angle
- Available with Integral LED Lights
- Ideal for Surveillance of Explosive Hazardous Areas



Description

With an extremely compact volume (OD 45mm, L 75mm), this explosion proof TV camera incorporates high resolution and sensitivity electronic module.

In standard version, it is equipped with a wide angle 2.3mm lens.

Classified Ex d IIC T6, this VS45 I EX camera is the ideal tool for the video surveillance of explosive hazardous sites, and for inspection within restricted areas.

It is also available in a version with built-in LED lights.



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Specification – VS 45 I EX

ELECTRONICS

Resolution:	>480 TV Lines
Image Sensor:	1/4" CCD – 440,000 Pixels
Colour Standard:	PAL – NTSC and Night/Day Operation in Option
Scanning:	CCIR 625 Lines, 50Hz
Video Output:	1Vpp – 75 ohms
S/N Ratio:	>48 dB (AGC off)
Sensitivity:	2 Lux at f/1.4
Electronic Shutter:	1/50 at 1/100,000 sec
Voltage:	12Vdc (24Vdc as an option)

OPTICAL

Lens:	2.3mm (3.7mm)
Angles of View (in air):	85° (horizontal)/65° (vertical)

MECHANICAL

Dimensions:	L 75mm – OD 45mm
Water Tightness:	IP68 (100m)
Weight:	0.4kg
Connector:	Explosion Proof (Ex d IIC) Cable Gland
Construction:	Stainless Steel
Delivered with Fixing Bracket	

EXPLOSION PROOF CERTIFICATION

Camera with Explosion Proof Casing According to ATEX 94/9/EC Directive

OPTION

Version with Built in LED Lights; **VS 45 iF Ex** (powered in 12Vdc only)

ATEX LIGHT (aluminium; 24Vdc – 20W)

- **VSE 45 Ex:** Halogen Bulb

- **VSE 45 LED Ex:** LEDs

As an Option: Cable and Plate for Junction to the VS45 Ex TV Camera

