SeSys

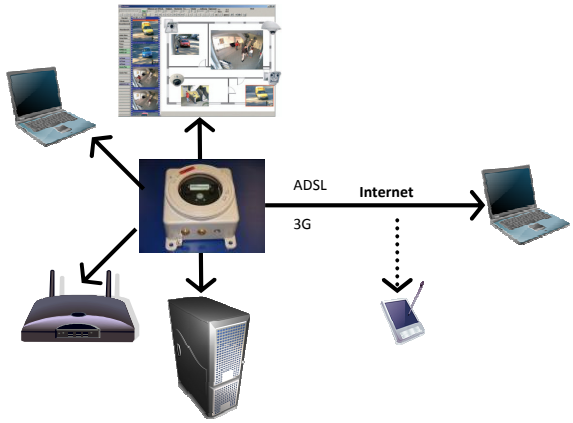
Networked Vision Solutions

ATEX Housed Observational Camera System for Hazardous Area Remote Monitoring

- Ideal system for process monitoring
- Zone 1, zone 2, zone 21 and zone 22 certified/IP66/optional IP67
- Hazardous area risk reduction
- Observation in inaccessible areas
- High resolution IP Camera (Megapixel)
- Colour camera with zoom facilities
- Remote control of all camera settings
- Compact unit, easy to install
- Utilises power over Ethernet for ease of installation and operations
- Built in event recorder with pixel motion detector for event capturing and recording.

Models Available

- CCTV Digital IP Camera – Dual lens
- Day/Night or Wide angle/telephoto
- Built in lighting unit using LED technology
- 12 volt operation OR 110V/230 volt AC
- External trigger input
- GSM/GPRS/3G/ADSL operation
- Web browser based software recording up to 30 fps/view on demand



No software installation is required as the camera manages all the recording and playback functions internally, also providing simultaneous display of live images while another user views recorded video.

The integrated storage device automatically stores images on trigger. These are accessible via any web browser.

Manufacturer of the Award Winning Torch Camera

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Specification subject to change without notice

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ATEX Housed Observational Camera System for Hazardous Area Remote Monitoring

Specification

Certification to European ATEX Directive 94/9/EC Equipment and protective systems intended for use in potentially explosive atmospheres.

Product No: ATEX IP Camera Ex'd Enclosures and is in conformity with the following standards or other nominative documents:

Installation Areas

These enclosures are designed for use indoors or outdoors in potentially hazardous atmospheres due to the presence of explosive or combustible gases and dusts. They are installed in the following zones: zone 1, zone 2, zone 21, zone 22.

EN50014:1998	Electrical apparatus for potentially explosive atmospheres. General requirements
EN50018:2000	Electrical apparatus for potentially explosive atmospheres – flameproof enclosure'd'
BSEN60079-14:2003	Electrical apparatus for explosive gas atmospheres Electrical installations in hazardous areas (other than mines)

Conformity has been demonstrated with reference to the following documentation:

- EC type examination certificate: CESI 01 ATEX 036
- Quality assurance notification: SIRA 05 ATEX M330

Technical Details

Enclosure

Material:	Grade LM6 Cast Alloy
Finish:	RAL 7035 Epoxy powder Coat
Temperature:	-20°C to +55°C
Voltage:	12volt/110/240V AC
CE type test certification:	CESI 03 ATEX 174
Dual Lens	
Approx. dimensions:	230h x 230w x 154d
Approx weight:	5.8kg
Single Lens	
Approx. dimensions:	150h x 150w x 120d
Approx weight:	2.5kg

Camera – Typical Configuration (Dual Lens)

Resolution:	x2 3MEGA colour
Frame Rate:	30fps VGA/30fps CIF/ 10fps MEGA
Sensitivity:	1 lux (t=1/60sec)/ 0.05 lux t=1/1sec)
Lenses:	Wide angle (43mm, f2.0)
	Tele (135mm, f2.5)

Also available: ATEX housed with power supply and power over Ethernet injector with media converter for fibre-optic connection.