

ATEX Camera

Designed to facilitate remote monitoring in inhospitable, hazardous or explosive areas.



Monitoring Camera System for Hazardous Areas

SeSys's ATEX and IECEx compliant digital cameras are designed to facilitate remote monitoring in inhospitable, hazardous or explosive areas.

Also known as intrinsically safe or explosion proof cameras, SeSys cameras reduce the dangers posed to personnel - live video images are accessed via a web browser, allowing users to monitor areas and processes from a safe distance.

Cameras are connected using PoE (Power over Ethernet), through a single cable installation that is flexible, reliable and safe.

Superior image quality – Now even more light sensitive and with greater resolution sensors offering 6 megapixel low-light technology, which are up to 30 x larger than conventional CCTV images, the full image is recorded even if the live image has zoom applied. If the footage is later required to be used then the full image can be reviewed with post processing software used, enabling any part of the image to have zoom applied.

Remote access – Camera images can be accessed at a safe distance from a control room or, with enabling hardware, from any location via a web browser, including Alarm Receiving Centres (ARCs).

Integrated storage – Integrated recording and image storage. Recording can be continuous or event driven e.g. Activity sensor, motion, sound, which saves on storage. Intuitive user interface makes it easy to search and retrieve recorded events with no requirement to purchase additional video management software.

Alarm/event activation – Email alarms, complete with images, alert users to events, negating the need for constant monitoring. The ATEX Camera integrates with most management applications.

Low voltage – Low power consumption makes the cameras safe and suitable to be used in locations where there is limited power, and contributes to rapid return on investment. Also interfaces with solar/wind power and fuel cells.

Key Features



- ATEX/IECEx certified
- Zones 1, 2, 21 and 22 certified/ IP66 (IP67 optional)
- 6 Megapixel CMOS image sensors
- High-resolution (up to 6144 x 2048, 12 megapixels)
- Compact unit, easy install
- Power over Ethernet (PoE) for ease of installation and operation
- Secure access
- Remote control of all camera settings
- No moving parts, reduced maintenance, longer lifespan
- Built in event recorder with Activity sensor, motion detection and automated alarms
- Internal SD card storage (up to 128Gb)
- No software license fee - camera is accessible anywhere via web browser or license free software

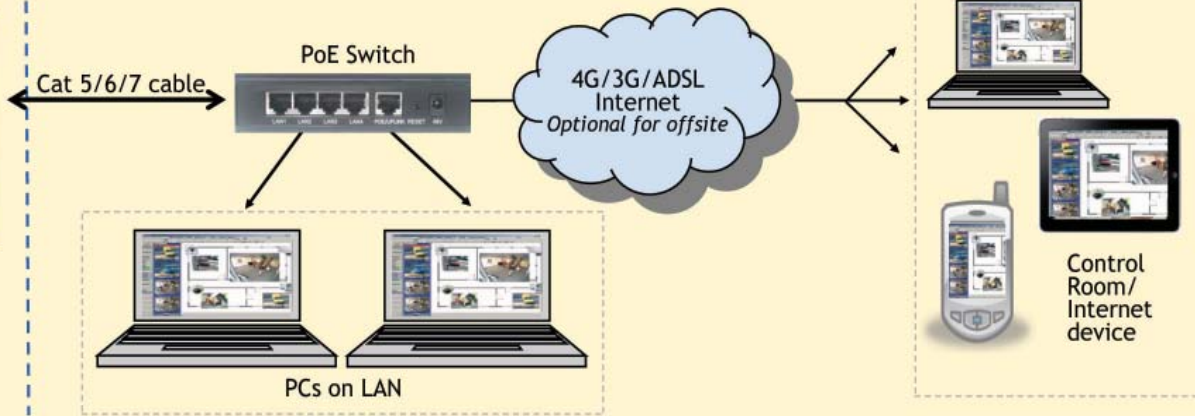


HAZARDOUS AREA

SAFE AREA



ATEX Camera



Specifications

- ATEX and IECEx compliant
- Single or dual lens up to 3072 x 2048 image size, 5 megapixel CMOS sensor
- Sensitivity: Color 0.1 lux (t=1/60s)/0.0025 lux (t=1/1s), B/W 0.02 lux (t=1/60s) 0.0001 lux (t=1/1s)
- Virtual pan, tilt and zoom; continuous 8x digital zoom
- 4Gb Internal micro SD memory (expandable up to 128Gb)
- Dual or single interchangeable lens with choice of six angles: 103°, 90°, 60°, 45°, 31° and 15°
- Backlight compensation, automatic white balance, image distortion correction, activity sensor, video sensor (motion detection)
- HTTP/HTTPS/SSL/IP Filter access/username and password protection
- Alarm/event activation and notification
- IPv6 and IPv4 networking
- Recording up to 30 fps/view on demand



Typical camera image - pumps within a storm drain

Technical Details

Material:	Grade LM6 Cast Alloy
Finish:	RAL 7035 Epoxy powder coat
Temperature:	-20° C to +54° C
Voltage:	12/110/240V AC PoE - IEEE 802.3af

Dual Lens square

Dimensions:	(H)233 x (W)253 x (D)175 mm
Weight:	8.4 kg
ATEX:	II2 GD EExd IIC T6
IECEx:	II 2 G Ex d IIC Cb Extb IIIC Db IP66

Single Lens square

Dimensions:	(H)176 x (W)1176 x (D)130 mm
Weight:	4.85 kg
ATEX:	II2 GD EExd IIC T6
IECEx:	II 2 G Ex d IIC Cb Extb IIIC Db IP66

Single Lens round

Dimensions:	(H)137 x (ø)154 mm
Weight:	2.5 kg
ATEX:	II2 GD EExd IIC T6
IECEx:	II 2 G Ex d IIC T5 Gb (Gas) II 2 D Ex tb IIIC T95°C Db (Dust)

Optional Items

- 16Gb, 32Gb, 64Gb and 128Gb storage
- Dual camera capability (Day/Night or combinations of)
- Integrated or external lighting unit using LED technology
- External trigger input
- Two wire network extender (>100 m)
- Mounting bracket and Hood
- IP67
- Stainless steel



Specifications subject to change without prior notice