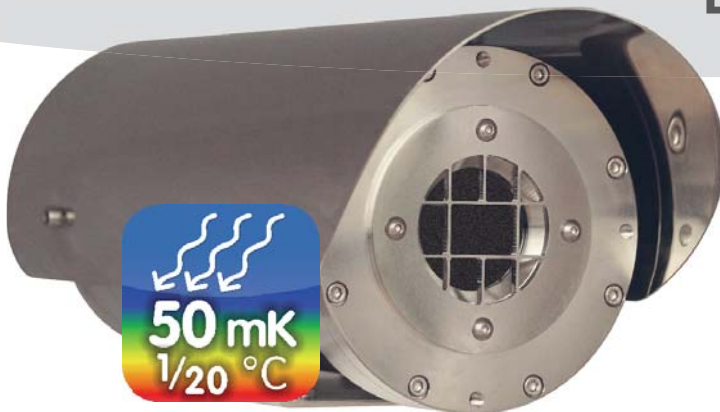


6 MP Thermal Explosion-Proof Camera

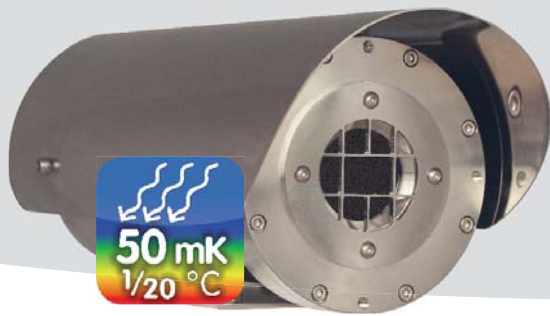


SeSys's ATEX and IECEx compliant digital cameras are designed to facilitate remote monitoring of inhospitable, hazardous or explosive areas reducing the dangers posed to personnel. Light sensitive, high-resolution sensors make these IP-based cameras perfect for operational, health and safety and security requirements.

Professional Hazardous Area IoT-Thermal Camera

- **Thermal Explosion-Proof Camera For Indoor and Outdoor use**
Detect or register objects and environment using a thermal signature
- **Modular System For Maximum Flexibility**
Exchangable lens with horizontal image angles from 15° to 45°
- **Minimum Installation Requirement**
Single cable for camera data and power
- **Reduced Energy Costs**
Power consumption < 7 Watt, standard PoE IEEE 802.3af
- **Virtually Maintenance-Free**
No moving parts reduces camera maintenance and down-time





6 MP Thermal Explosion-Proof Camera

| TECHNICAL SPECIFICATION | | | | | | | | | | | | | | | |
|---|--|----------------|---------------------------|----------------------|-----------------------|------------------|-----------------------------|---------------------------|--------------------------------------|--|--|---|----------------------------------|---|--|
| ATEX / IECEX Certificate | II2 G Ex db op pr IIC Gb T6 / II 2 D Ex tb IIIC T85°C Db IP66/IP67 | | | | | | | | | | | | | | |
| Lens Options | Thermal - T079 (45° x 34°), T119 (31° x 23°), T237 (15° x 11°) Thermal Radiometry- R079 (45° x 34°), R119 (31° x 23°), R237 (15° x 11°) | | | | | | | | | | | | | | |
| Sensitivity | NETD typ. 50mK, <79mK, Spectral range 7.5 to 13.5 µm Detection Temp range -40°C to +550°C | | | | | | | | | | | | | | |
| Sensor | Uncooled microbolometer 336 x 252 pixel | | | | | | | | | | | | | | |
| Max. Operating Resolution | 336 x 252, scalable up to 3072 x 2048 (6 MP) | | | | | | | | | | | | | | |
| Microprocessor | i.MX 6 Dual Core incl. GPU (1GB RAM, 512 MB Flash) | | | | | | | | | | | | | | |
| Max. Frame Rate | 9 frames per second | | | | | | | | | | | | | | |
| Available Video Codec | MxPEG / MJPEG / H.264 - bandwidth limitation available, output image format up to QXGA (2048 x 1536) | | | | | | | | | | | | | | |
| Internal DVR, ex works | 4GB MicroSD slot (upgradable) - encrypted recording | | | | | | | | | | | | | | |
| External DVR | Support for recording to network-attached storage (NAS), different streams for live image and recording, MxFFS with archive function, pre-alarm and post-alarm images, monitoring recording with failure reporting | | | | | | | | | | | | | | |
| Video Management Software (VMS) | MxManagement Centre / MOBOTIX App for iOS and Android devices / Web Browser | | | | | | | | | | | | | | |
| General Functions | <table border="0"> <tr> <td>Multistreaming</td> <td>Multicast stream via RTSP</td> </tr> <tr> <td>Digital zoom and pan</td> <td>Video motion detector</td> </tr> <tr> <td>MxActivitySensor</td> <td>Programmable exposure zones</td> </tr> <tr> <td>ONVIF Profile S supported</td> <td>Time controlled flexible event logic</td> </tr> <tr> <td>Snapshot recording (pre/post-alarm images)</td> <td>Event video and image transfer via FTP and email</td> </tr> <tr> <td>Weekly schedules for recordings/actions</td> <td>Programming interface (HTTP-API)</td> </tr> <tr> <td>Temperature measurement of 2x2 pixels in the center of the image (Thermal Spot)</td> <td></td> </tr> </table> | Multistreaming | Multicast stream via RTSP | Digital zoom and pan | Video motion detector | MxActivitySensor | Programmable exposure zones | ONVIF Profile S supported | Time controlled flexible event logic | Snapshot recording (pre/post-alarm images) | Event video and image transfer via FTP and email | Weekly schedules for recordings/actions | Programming interface (HTTP-API) | Temperature measurement of 2x2 pixels in the center of the image (Thermal Spot) | |
| Multistreaming | Multicast stream via RTSP | | | | | | | | | | | | | | |
| Digital zoom and pan | Video motion detector | | | | | | | | | | | | | | |
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| Weekly schedules for recordings/actions | Programming interface (HTTP-API) | | | | | | | | | | | | | | |
| Temperature measurement of 2x2 pixels in the center of the image (Thermal Spot) | | | | | | | | | | | | | | | |
| Security | User and group management / SSL connections / IP-based access control / IEEE 802.1x / Intrusion detection / Digital image signature | | | | | | | | | | | | | | |
| Protocols | IPv4, IPv6, HTTP, HTTPS, FTP, SFTP, RTP, RTSP, UDP, SNMP, SMTP, DHCP (client and server), NTP (client and server), SIP (client and server) G.711 (PCMA and PCMU) and G.722 | | | | | | | | | | | | | | |
| Power Consumption | < 7 watts (typical) | | | | | | | | | | | | | | |
| Power Supply | PoE IEEE 802.3af (class 3) | | | | | | | | | | | | | | |
| Operating Conditions | IP66 / -30°C to +60°C | | | | | | | | | | | | | | |
| Casing Material | AISI316L Stainless Steel | | | | | | | | | | | | | | |
| Cable Entries | 2 x M25x1,5 with 1 x M25 blanking plug | | | | | | | | | | | | | | |
| Cable Gland | 1 x M25 Conduit brass gland as standard - *optional LSOH cable and cable protection glands on request | | | | | | | | | | | | | | |
| Finish | Electro-polished | | | | | | | | | | | | | | |
| Window | Germanium Ø50 mm | | | | | | | | | | | | | | |
| Dimensions | With sunshield (H)179 x (W)385 x (D)161 mm | | | | | | | | | | | | | | |
| Weight | 11 kg | | | | | | | | | | | | | | |

MODELS

SE-ATEX-IP-T-S-SS Thermal lens, stainless steel casing

MOUNTING ACCESSORIES

SE-ATEX-WMKIT-T Wall mount bracket with swivel joint
SE-ATEX-WMKIT-T-PMA Pole mount adapter

SeSys