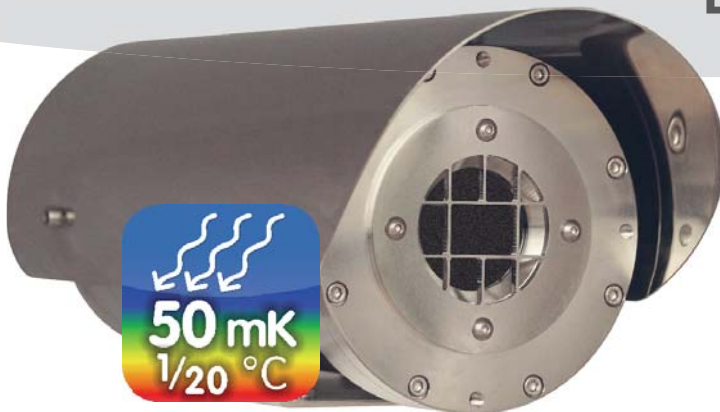


## 6 MP Thermal Radiometry Explosion-Proof Camera



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 Radiometry Explosion-Proof Camera For Indoor and Outdoor use

Measure thermal radiation across the entire image area and use values to trigger an event

### ■ 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

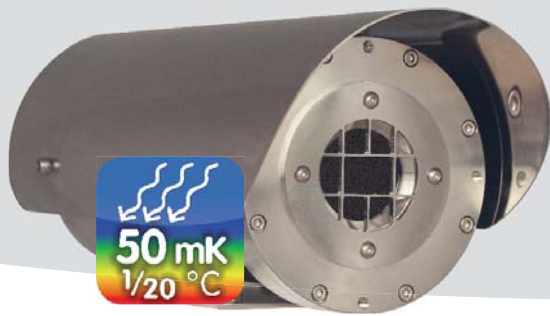
### ■ Reduced Energy Costs

Power consumption < 7 Watt, standard PoE IEEE 802.3af

### ■ Virtually Maintenance-Free

No moving parts reduces camera maintenance and down-time





# 6 MP Thermal Radiometry Explosion-Proof Camera

TECHNICAL SPECIFICATION	
<b>ATEX / IECEX Certificate</b>	II2 G Ex db op pr IIC Gb T6 / II 2 D Ex tb IIIC T85°C Db IP66/IP67
<b>Lens Options</b>	B079 (45° x 34°), B119 (31° x 23°), B237 (15° x 11°)
<b>Sensitivity</b>	NETD typ. 50mK, <79mK, Spectral range 7.5 to 13.5 µm Detection Temp range -40°C to +550°C
<b>Sensor</b>	Uncooled microbolometer 336 x 252 pixel
<b>Max. Operating Resolution</b>	336 x 252, scalable up to 3072 x 2048 (6 MP)
<b>Microprocessor</b>	i.MX 6 Dual Core incl. GPU (1GB RAM, 512 MB Flash)
<b>Max. Frame Rate</b>	9 frames per second
<b>Available Video Codec</b>	MxPEG / MJPEG / H.264 - bandwidth limitation available, output image format up to QXGA (2048 x 1536)
<b>Internal DVR, ex works</b>	4GB MicroSD slot (upgradable) - encrypted recording
<b>External DVR</b>	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
<b>Video Management Software (VMS)</b>	MxManagement Centre / MOBOTIX App for iOS and Android devices / Web Browser
<b>General Functions</b>	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <ul style="list-style-type: none"> <li>Multistreaming</li> <li>Digital zoom and pan</li> <li>MxActivitySensor</li> <li>ONVIF Profile S supported</li> <li>Snapshot recording (pre/post-alarm images)</li> <li>Weekly schedules for recordings/actions</li> <li>Event trigger for temperatures above or below a limit between -40°C to 550°C</li> </ul> </div> <div style="width: 45%;"> <ul style="list-style-type: none"> <li>Multicast stream via RTSP</li> <li>Video motion detector</li> <li>Programmable exposure zones</li> <li>Time controlled flexible event logic</li> <li>Event video and image transfer via FTP and email</li> <li>Programming interface (HTTP-API)</li> <li>Temperature measurement in the whole image area</li> </ul> </div> </div>
<b>Security</b>	User and group management / SSL connections / IP-based access control / IEEE 802.1x / Intrusion detection / Digital image signature
<b>Protocols</b>	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
<b>Power Consumption</b>	< 7 watts (typical)
<b>Power Supply</b>	PoE IEEE 802.3af (class 3)
<b>Operating Conditions</b>	IP66 / -30°C to +60°C
<b>Casing Material</b>	AISI316L Stainless Steel
<b>Cable Entries</b>	2 x M25x1,5 with 1 x M25 blanking plug
<b>Cable Gland</b>	1 x M25 Conduit brass gland as standard - *optional LSOH cable and cable protection glands on request
<b>Finish</b>	Electro-polished
<b>Window</b>	Germanium Ø50 mm
<b>Dimensions</b>	With sunshield (H)179 x (W)385 x (D)161 mm
<b>Weight</b>	11 kg

## MODELS

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

## MOUNTING ACCESSORIES

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