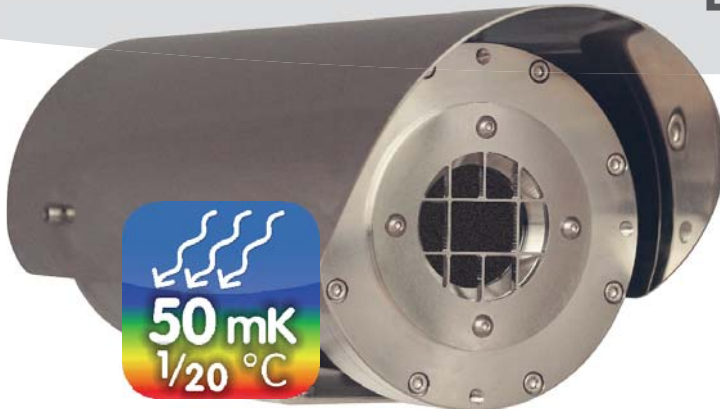


6 MP Thermal Explosion-Proof Camera



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	B079 (45° x 34°), B119 (31° x 23°), B237 (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	<ul style="list-style-type: none"> Multistreaming Digital zoom and pan MxActivitySensor ONVIF Profile S supported Snapshot recording (pre/post-alarm images) Weekly schedules for recordings/actions 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

Comm-Co B.V.

Kreekzoom 9, 4561 GX, Hulst
The Netherlands

Tel: +31 114-370030

Email: info@comm-co.com

COMM-CO
Communication today and tomorrow