## 6 MP Single Lens 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-Camera**

- Compact Explosion-Proof Camera For Indoor and Outdoor use

  Day or night system with detailed 6MP colour or monochrome sensor
- Modular System For Maximum Flexibility

  Easy-to-exchange lens with horizontal image angles from 15° to 103°
- Minimum Installation Requirement
  Single cable for camera data and power
- Reduced Energy Costs

  Power consumption < 5 Watt, standard PoE IEEE 802.3af
- Virtually Maintenance-Free

  No moving parts reduces camera maintenance and down-time

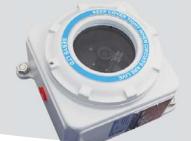


















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TECHNICAL SPECIFICATION		
ATEX Certificate	II2 GD EExd IIC T6	
IECEx Certificate	II 2 G Ex d IIC Cb Extb IIIC Db IP66	
Lens Options	B036 (103° x 77°), B041 (90° x 67°), B061 (60° x 45°), B079 (45° x 34°), B119 (31° x 23°), B237 (15° x 11°)	
Light Sensitivity	Colour: 0.1 lux (t=1/60 s), 0.005 lux (t=1/1 s) / B/W: 0.02 lux (t=1/60 s), 0.001 lux (t=1/1 s)	
Image Sensors	1/1.8" CMOS, 6MP (3072 x 2048), Progressive Scan	
Microprocessor	i.MX 6 Dual Core incl. GPU (1GB RAM, 512 MB Flash)	
Max. Frame Rate (fps) (only single core used)	MxPEG: 42@HD (1280 x 720), 34@Full-HD (1920 x 1080), 24@QXGA (2048 x 1536), 15@5MP & 12@6MP MJPEG: 26@HD (1280 x 720), 13@Full-HD (1920 x 1080), 9@QXGA (2048 x 1536), 5@5MP & 4@6MP H.264: 25@Full-HD (1920 x 1080), 20@QXGA (2048 x 1536)	
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	Multistreaming Digital zoom and pan MxActivitySensor ONVIF Profile S supported Snapshot recording (pre/post-alarm images) Weekly schedules for recordings/actions Programming interface (HTTP-API)	Multicast stream via RTSP Video motion detector MxAnalytics (Heatmaps, counting corridors) Programmable exposure zones Time controlled flexible event logic Event video and image transfer via FTP and email
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, 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	< 5 watts (typical)	
Power Supply	PoE IEEE 802.3af (variable class 2 or 3: factory setting: class 3)	
Operating Conditions	IP66 / -30°C to +50°C	
Casing Material	SE-ATEX-IP-S-S: Aluminium alloy, EN AC-42000 (LM25) to BS EN 1706:1998 with less than 0.2% copper content SE-ATEX-IP-S-SS: Stainless Steel 316 to BS3146 (1975): Pt2:ANC4BFC	
Cable Entries	1 x M20x1,5 as standard	
Cable Gland	1 x M20 Conduit brass gland as standard - *optional LSOH cable and cable protection glands on request	
Finish	SE-ATEX-IP-S-S: RAL 7035 Epoxy powder coat SE-ATEX-IP-S-SS: Natural	
Window	Heat resistant toughened glass	
Dimensions	Casing (H)176 x (W)176 x (D)130 mm - Window Ø86mm	
Weight	4.85 kg	

## **MODELS**

SE-ATEX-IP-S-S Single lens, square aluminium alloy casing SE-ATEX-IP-S-S-SS Single lens, square stainless steel casing

