S15M – Professional Hemispheric Installation Camera

■ **High-Performance Covered Camera For Indoor And Outdoor Use**
Applicable as day or night System with detailed 6MP color or B/W sensor

■ **Dezentralized Complete System – Also Perfect For Vehicle Applications**
Image processing and recording inside camera, 180° lens for room surveillance without blind spots

■ **Intelligent 3D Motion Detection And Video Analysis**
MxActivitySensor and MxAnalytics integrated as standard

■ **Reduced Energy Costs**
Power consumption < 5 W, standard PoE

■ **Virtually Maintainance-Free (IP66)**
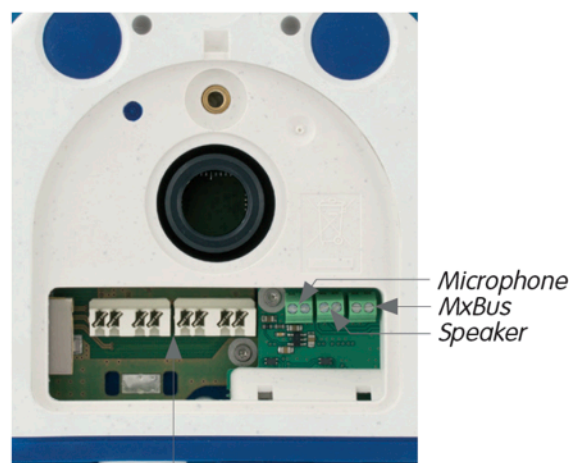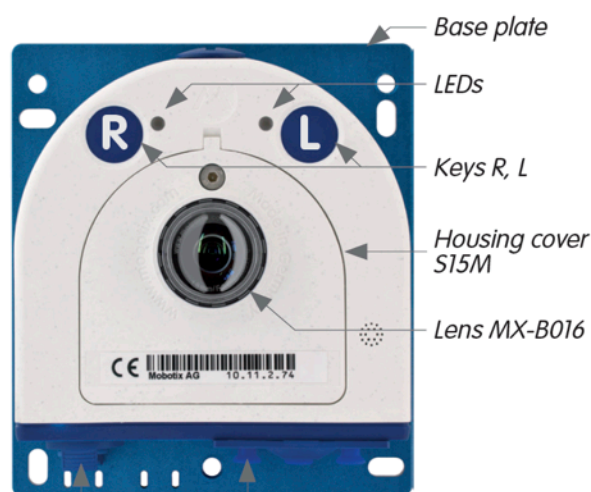Weatherproof, operates reliably from -30 to 50°C

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Camera Variants	S15M Day Complete Camera	S15M Night Complete Camera
Specialties	Factory-assembled S15M Day or Night camera with sharply focused fisheye special lens	

Objektive	S15M Day Complete Camera	S15M Night Complete Camera
Fisheye-Objektiv **MX-B016** (f/2.0, Hemispheric 180° x 180°)	**MX-S15-D016**	**MX-S15-N016**

Hardware	S15M Day Complete Camera	S15M Night Complete Camera
Image sensor with individual exposure zones	Color	Black & White
Light sensitivity in lux at 1/60 s and 1/1 s	0.1/0.005	0.02/0.001
Image sensor (color or B/W sensor)	1/1.8" CMOS, 6MP (3072 x 2048), Progressive Scan	
Microprocessor	PXA320 XScale Single Core	
H.264 Hardware Codec	No	
Protection classes	IP66 and IK06	
Intended use	Not for use in hazardous areas (Ex area)	
Ambient temperature (range, incl. storage)	-30 to 60°C/-22 to 140°F	
Internal DVR, ex works	4 GB (microSD)	
Mikrofon/Lautsprecher	With accessory (e. g., AudioMount)	
Technical data for external microphone	2,0 V, 2,2 kOhm, sensitivity –35 ± 4 dB, e. g., Panasonic Microphone Capsule WM61	
Technical data for external speaker	Max. power output 400 mW at 8 Ohm impedance, e. g., Visaton Speaker K36WP or K50WP P	
Passive infrared sensor (PIR)	No	
Temperature sensor	Yes (live and audio messages)	
Shock detector (tamper detection)	Yes	
Power consumption (typical)	< 4.5 watts	
PoE Class (IEEE 802.3af)	Class 2 or 3 (variable), factory setting: class 3	
Interfaces	1x Ethernet 100BaseT (MxRJ45), 1x Ethernet 10/100 (LSA), MxBus, MiniUSB (MxMiniUSB), microphone, speaker	
Interface RS232	With accessory (MX-232-IO-Box)	
Mounting options	Wall, ceiling (behind a cover, e.g, AudioMount)	
Dimensions (Height x Width x Depth)	130 x 115 x 48 mm	
Weight	430 g	
Housing	PBT-30GF, Farbe: Weiß	
Standard delivery	Screws, dowl, cable plug, Allen wrench, Screw driver, Lens wrench, 0,5 m Ethernet patch cable, Quick Install	
Detailed technical documentation	www.mobotix.com > Support > Manuals	
Online version of this document	www.mobotix.com > Support > Spec Sheets	
MTBF	> 80,000 hours	
Certifications	www.mobotix.com > Support > MxMediaLibrary > Certificates	
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	

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Image Formats, Frame Rates, Image Storage	S15M Day Complete Camera	S15M Night Complete Camera
Available video codecs	MxPEG/MJPEG	
Image formats	Freely configurable format 4:3, 8:3, 16:9 or customized format (Image Cropping), such as 2592x1944 (5MP), 2048x1536 (QXGA), 1920x1080 (Full-HD), 1280x960 (MEGA)	
Multistreaming	Yes	
Multicast stream via RTSP	No	
Max. image format	6MP (3072 x 2048)	
Max. frame rate	**MxPEG:** 30@HD(1280x720), 30@Mega, 20@QXGA, 10@5MP, 8@6MP **MJPEG:** 20@HD(1280x720), 15@Mega, 8@QXGA, 5@5MP, 4@6MP	
Number of images with 4 GB microSD (internal DVR)	CIF: 250.000, VGA: 125.000, HD: 40.000, QXGA: 20.000, 6MP: 10.000	

Base plate
LEDs
Keys R, L
Housing cover S15M
Lens MX-B016
USB
Ethernet patch cable

Microphone
MxBus
Speaker
Ethernet installation cable
LSA terminal block

General Functions	S15M Day Complete Camera	S15M Night Complete Camera
Door station functionality	Yes	
Digital zoom and pan	Yes	
ONVIF compatibility	No	
Genetec protocol integration	Yes	
Programmable exposure zones	Yes	
Snapshot recording (pre/post-alarm images)	Yes	
Continuous recording with audio	With external audio accessory (MOBOTIX AudioMount)	
Event recording with audio	With external audio accessory (MOBOTIX AudioMount)	
Time controlled flexible event logic	Yes	
Weekly schedules for recordings and actions	Yes	
Event video and image transfer via FTP and email	Yes	
Playback and QuadView via web browser	Yes	
Bidirectional audio in browser	With external audio accessory (MOBOTIX AudioMount)	
Animated logos on the image	Yes	

General Functions	S15M Day Complete Camera	S15M Night Complete Camera
Master/Slave functionality	Yes	
Privacy zone scheduling	Yes	
Customized voice messages	Yes	
VoIP telephony (audio/video, alert)	With external audio accessory(MOBOTIX AudioMount)	
Remote alarm notification (network message)	Yes	
Programming interface (HTTP-API)	Yes	
DVR	Inside camera via microSD card, externally via USB device and NAS, different streams for live image and recording, MxFFS with archive function, pre-alarm an post-alarm images, monitoring recording with failure reporting	
Camera and data security	User and group management, SSL connections, IP-based access control, IEEE802.1x, intrusion detection, digital image signature	
MxMessageSystem: Sending and receiving of MxMessages	Yes	

Video Analysis	S15M Day Complete Camera	S15M Night Complete Camera
Video Motion Sensor	Yes	
MxActivitySensor	Yes	
MxAnalytics	Yes (Heatmaps, counting corridors and behavioural detection)	

Video Management Software	S15M Day Complete Camera	S15M Night Complete Camera
MxManagementCenter	Yes	
Mobile MOBOTIX App	Yes	

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115 mm
100 mm
M6
130 mm
110 mm
100 mm
47,50 mm
8,50 mm
Ø 5,50 mm
13,50 mm

48 mm
39,50 mm
33,50 mm
5 mm

115 mm
100 mm
ø 33,6 mm
130 mm
110 mm
100 mm
8,5 mm
100 mm

Dimensions in mm

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