

Technical Specifications



MOBOTIX S26B Flex

Hard To See. But Sees Everything.

The compact S26B Flex is a universally deployable, concealable video system with highly detailed resolution. A miniature sensor module is integrated into the camera housing of the completely weatherproof IP camera. Thanks to the hemispheric lens, an entire area can be monitored without any blind spots.

- Mx6 system platform 2nd generation, with MxBus, H.264 and ONVIF compatibility
- Recording on an internal MicroSD card (4 GB as standard)
- Available in day or night variants (6MP color or B&W sensor)
- Equipped with shock detector and MxAnalytics as standard
- Weatherproof and shock-resistant housing (IP66, IK07)
- Suitable for installation on ceilings, walls or poles
- Optional vandalism protection made of stainless steel

NOTE! The S26B Flex series with MxBus connection can also be used as a door station camera alternative to the T2x.

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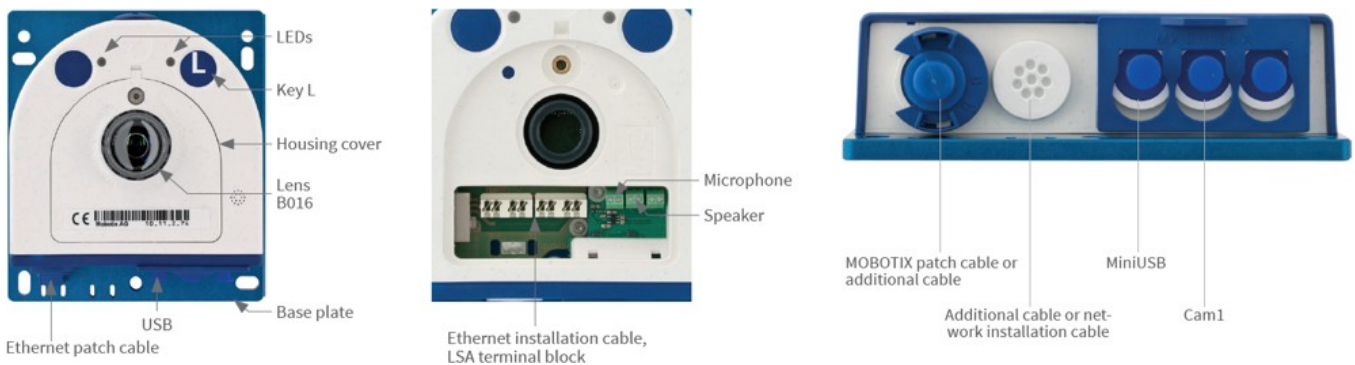
Camera Variants	S26B Day Complete Camera	S26B Night Complete Camera
Specialties	Factory-assembled S26B Day or Night camera with sharply focused fisheye special lens	
Lenses	S26B Day Complete Camera	S26B Night Complete Camera
Fisheye-Lens MX-B016 (f/2.0, Hemispheric 180° x 180°)	Mx-S26B-6D016	Mx-S26B-6N016
Hardware	S26B Day Complete Camera	S26B 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	i.MX 6 Dual Core incl. GPU (1 GB RAM, 512 MB Flash)	
H.264 Hardware Codec	Yes, bandwidth limitation available; output image format up to QXGA	
Protection classes	IP66 and IK07	
Intended use	Not for use in hazardous areas (Ex area)	
Ambient temperature (range, incl. storage)	-40 to 50°C/-40 to 122°F (cold boot from -30°C/-22°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)	

Hardware	S26B Day Complete Camera	S26B Night Complete Camera
Shock detector (tamper detection)	Yes	
Power consumption (typically at 20°C/68°F)	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 MX-232-IO-Box (Order Nr: MX-OPT-RS1-EXT)	
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 > Download Center	
Online version of this document	www.mobotix.com > Support > Download Center	
MTBF	> 80,000 hours	
Certifications	EN55022:2010; EN55024:2010; EN50121-4:2006 EN61000-6-1:2007; EN 61000-6-2:2005 EN61000-6-3:2007+A1:2011 EN61000-6-4:2007+A1:2011 AS/ NZS CISPR22:2009+A1:2010 CFR47 FCC part15B	
Protocols	IPv4, IPv6, HTTP, HTTPS, FTP, FTPS, 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	
Manufacturer's warranty (since May 2018)	3 years	

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Image Formats, Frame Rates, Image Storage	S26B Day Complete Camera	S26B Night Complete Camera
Available video codecs	MxPEG/MJPEG/H.264	
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	Yes	
Max. image format	6MP (3072 x 2048)	
Max. frame rate (fps, only single core used)	MxPEG: 42@HD(1280x720), 34@Full-HD, 24@QXGA, 15@5MP, 12@6MP MJPEG: 26@HD(1280x720), 13@Full-HD, 9@QXGA, 5@5MP, 4@6MP H.264: 25@Full-HD, 20@QXGA	
Number of images with 4 GB microSD (internal DVR)	CIF: 250.000, VGA: 125.000, HD: 40.000, QXGA: 20.000, 6MP: 10.000	



General Functions	S26B Day Complete Camera	S26B Night Complete Camera
Digital zoom and pan	Yes	
ONVIF compatibility	Yes (Profile S, audio support with camera firmware V5.2.x and higher)	
Genetec protocol integration	Yes	
Programmable exposure zones	Yes	
Snapshot recording (pre/post-alarm images)	Yes	

General Functions	S26B Day Complete Camera	S26B Night Complete Camera
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	
Master/Slave functionality	Yes	
Privacy zone scheduling	Yes	
Customized voice messages	Yes	
VoIP telephony (audio, 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	

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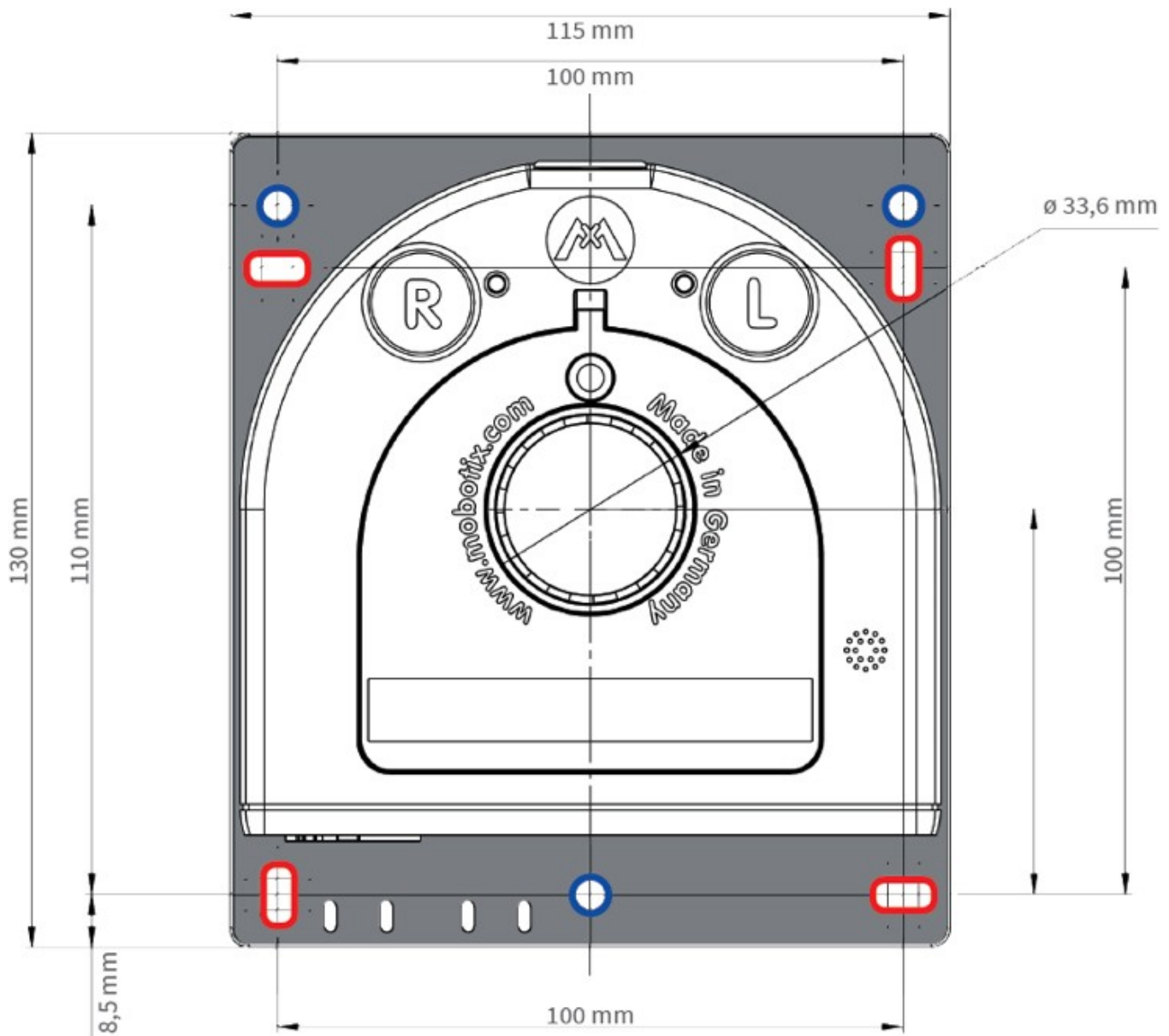
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General Functions	S26B Day Complete Camera	S26B Night Complete Camera
Camera and data security	User and group management, SSL connections, IP-based access control, IEEE802.1x, intrusion detection, digital image signature	
MxMessageSystem: Sending and receiving of MxMessages	Yes	
Video Analysis	S26B Day Complete Camera	S26B Night Complete Camera
Video Motion Sensor	Yes	
MxActivitySensor	Yes	
MxAnalytics	Yes (Heatmaps, counting corridors and behavioural detection)	
Video Management Software	S26B Day Complete Camera	S26B Night Complete Camera
MxManagementCenter	Yes	
Mobile MOBOTIX App	Yes	



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BeyondHumanVision

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