Technical Specifications

MX////6

MOBOTIX C26B Indoor 360°

Indoor Ceiling Camera. Easy To Install.

The MOBOTIX C26B Indoor 360° is the smallest and lightest MOBOTIX hemispheric complete video system for ceiling installation indoors. Its features include a light-sensitive 6MP day or night sensor and MxAnalytics video analysis tools, which can be used for depicting customer movements in sales rooms, for instance. With the MxIOBoard-IC available as an accessory, the camera receives an additional MxBus connection, two inputs and two 12V outputs.

- Mx6 system platform 2nd generation, with MxBus, H.264 and ONVIF compatibility
- Recording on an internal MicroSD card (4 GB as standard)
- For ceiling or corner installation, optional on-wall set
- MxAnalytics Video Analysis tools as standard
- Variants with audio package (microphone and speaker)
- Integrated vibration and temperature sensor
- As easy to install as a spotlight

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Camera Variants	c26B Body Day or Night Lens for Self-Assembly	c26B Day Complete Camera	c26B Night Complete Camera
Specialties	c26B Body with 6MP T Day or Night sensor, additional variants with audio package; all lenses (except MX-B016) available separately for self-assembly	Factory-assembled c26B Day or Night cameras with sharply focused lens; additional variants with audio package (microphone and speaker inside the camera housing)	

Lenses	c26B Body Day Or Night Lens For Self-Assembly	c26B Day Complete Camera	c26B Night Complete Camera
Fisheye Lens MX-B016 (f/2.0, 180° x 180°)	Not for c26B Body	Mx-c26B-6D016 Mx-c26B-AU-6D016	Mx-c26B-6N016 Mx-c26B-AU-6N016
Ultra Wide Lens MX-B036 (f/1.8, 103° x 77°)	Lens selection for c26B Body Day/Night	Mx-c26B-6D036 Mx-c26B-AU-6D036	Mx-c26B-6N036 Mx-c26B-AU-6N036
Super Wide Lens MX-B041 (f/1.8, 90° x 67°)	Body Day: Mx-c26B-6D (Body not available with audio)	Self-assembly only (without Audio)	Self-assembly only (without Audio)
Wide Lens MX-B061 (f/1.8, 60° x 45°)		Self-assembly only (without Audio)	Self-assembly only (without Audio)
Standard Lens MX-B079 (f/1.8, 45° x 34°)	Body Night: Mx-c26B-6N (Body not available with audio)	Self-assembly only (without Audio)	Self-assembly only (without Audio)
Tele Lens MX-B119 (f/1.8, 31° x 23°)		Self-assembly only (without Audio)	Self-assembly only (without Audio)
Distant Tele Lens MX-B237 (f/1.8, 15° x 11°)		Self-assembly only (without Audio)	Self-assembly only (without Audio)

Hardware	c26B Body Day Or Night Lens For Self-Assembly	c26B Day Complete Camera	c26B Night Complete Camera
Image sensor with individual exposure zones	Color or Black & White (B/W)	Color	B/W
Light sensitivity in lux at 1/60 s and 1/1 s	0.1/0.005 (Color) 0.02/0.001 (B/W)	0.1/0.005 (Color)	0.02/0.001 (B/W)
Image sensor (color or B/W sensor)	1/1.8" CMOS, 6MP (3072 x 2048), Progressive Scan		

Hardware	c26B Body Day Or Night Lens For Self-Assembly	c26B Day Complete Camera	c26B Night Complete Camera
Microprocessor	i.MX 6 Dual Core inkl. GPU (1 GB RAM, 512 MB Flash)		
H.264 Hardware Codec	Yes, bandwidth limitation available; output image format up to QXGA		
Protection classes	IP20 and IK06		
Intended use	Ceiling or wall mounting, indoor use only, no EX area		
Ambient temperature (range, incl. storage)	0 to 40°C (32 to 104 °F)		
Internal DVR, ex works	4 GB (microSD)		
Microphone/speaker	Yes/Yes (variants with audio package only)		
16bit/16kHz HD wideband audio (Opus codec)	Yes (live and audio messages)		
Passive infrared sensor (PIR)	No		
Temperature sensor	Yes		
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 Ethernet 100BaseT/MxBus/USB	Yes (MxRJ45)/No/Yes		
Interface RS232	With MX-232-IO-Box (Order Nr: MX-OPT-RS1-EXT)		
Interfaces MxBus and I/0 (2 outputs, 2 inputs)	With MxIOBoard-IC (Order Nr. Mx-A-IO-IC)		
Mounting options	Ceiling, wall or corner		
Dimensions (Height x Diameter)	51 x 120 mm		
Weight	212 g		
Housing	Fixed Dome, PBT-30GF, color: white		

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Hardware	c26B Body Day Or Night Lens For Self-Assembly	c26B Day Complete Camera	c26B Night Complete Camera
Standard accessory	Allen wrench, Lens wrench (depending on model), 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)	5 years		

Image Formats, Frame Rates, Image Storage	c26B Body Day or Night Lens for Self-Assembly	c26B Day Complete Camera	c26B 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		

c26 with lens B016

c26 with lens B036

MxIOBoard-IC
for signal inputs/outputs
(accessory)

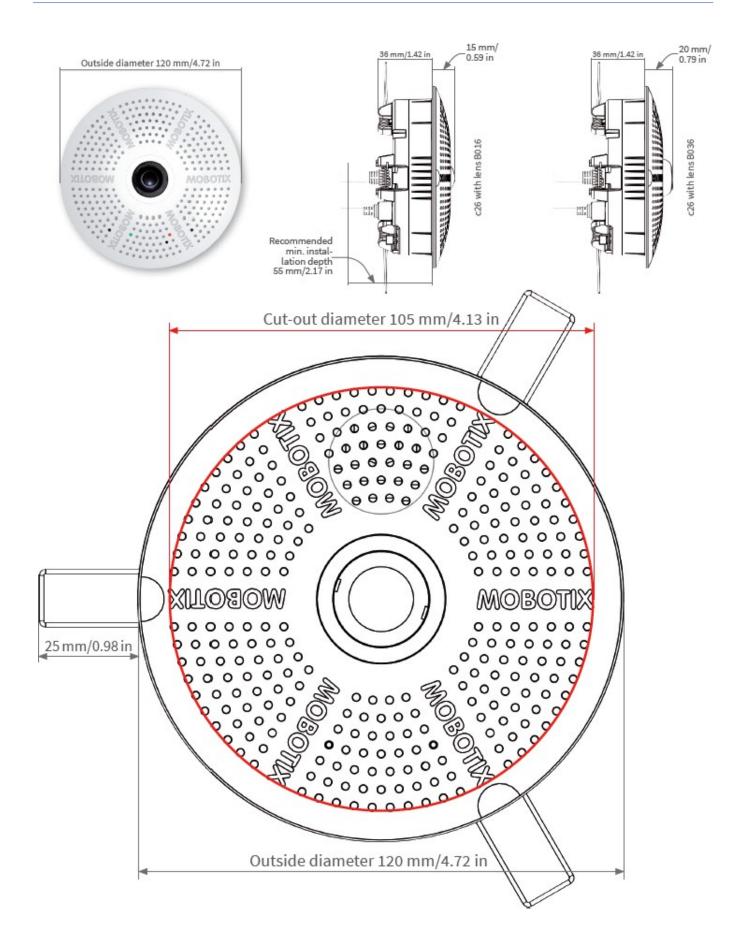| General Functions	c26B Body Day or Night Lens for Self-Assembly	c26B Day Complete Camera	c26B Night Complete Camera
Digital zoom and pan	Yes		
ONVIF compatibility	Yes (Profile S)		
Genetec protocol integration	Yes		
Programmable exposure zones	Yes		
Snapshot recording (pre-/post-alarm images)	Yes		
Continuous recording with audio	Yes (variants with audio package only)		
Event recording with audio	Yes (variants with audio package only)		
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	Yes (variants with audio package only)		
Animated logos on the image	Yes		

General Functions	c26B Body Day or Night Lens for Self-Assembly	c26B Day Complete Camera	c26B Night Complete Camera
Master/Slave functionality	Yes		
Privacy zone scheduling	Yes		
Customized voice messages	Yes (variants with audio package only)		
VoIP telephony (audio, alert)	Yes (variants with audio package only)		
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	c26B Body Day or Night Lens for Self-Assembly	c26B Day Complete Camera	c26B Night Complete Camera
Video Motion Sensor	Yes		
MxActivitySensor	Yes		
MxAnalytics	Yes (Heatmaps, counting corridors)		

Video Management Software	c26B Body Day or Night Lens for Self-Assembly	c26B Tag Komplett-Kamera	c26B Nacht Komplett-Kamera
MxManagementCenter	Yes		
Mobile MOBOTIX App	Yes		

c26 Standard Delivery

Item	Count	Part Name
1.1	1	Housing (installed)
1.2	1	Back plate with spring clips (installed)
1.3	1	Main board with lens MX-B016 or MX-B036 (installed)
1.4	2	Bayonet catch, blue (installed)
1.5	1	USB plug, blue (installed)
1.6	1	Ethernet plug, blue (installed)
1.7	1	Ethernet patch cable, 50 cm/19.7 in, black
1.8	1	MicroSD card pre-installed (SDHC installed, SDXC supported)
1.9	1	Disassembly tool

Outside diameter 120 mm/4.72 in

36 mm/1.42 in

15 mm/
0.59 in

36 mm/1.42 in

20 mm/
0.79 in

c26 with lens B016

c26 with lens B036

Recommended
min. instal-
lation depth
55 mm/2.17 in

Cut-out diameter 105 mm/4.13 in

25 mm/0.98 in

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Outside diameter 120 mm/4.72 in

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