



IP20, 0 to 40°C

Technical Specifications



MOBOTIX c26A Indoor 360°

Indoor Ceiling Camera. Easy To Install.

The c26A 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..

- Mx6 system platform with 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	c26A Day Complete Camera	c26A Night Complete Camera
Specialties	Factory-assembled c26A Day or Night camera with sharply focused lens; additional variants with audio package (microphone and speaker inside the camera housing)	
Lenses	c26A Day Complete Camera	c26A Night Complete Camera
Fisheye Lens MX-B016 (f/2.0, Hemispheric 180° x 180°) Variant with audio package	Mx-c26A-6D016 Mx-c26A-AU-6D016	Mx-c26A-6N016 Mx-c26A-AU-6N016
Ultra Wide Lens MX-B036 (f/1.8, 103° x 77°) Variant with audio package	Mx-c26A-6D036 Mx-c26A-AU-6D036	Mx-c26A-6N036 Mx-c26A-AU-6N036
Hardware	c26A Day Complete Camera	c26A 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	IP20 and IK06	
Intended use	Ceiling mounting, corner and wall mounting via accessories, 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 accessory (MX-232-IO-Box)	
Interfaces I/O (2 outputs, 2 inputs)	With accessory (MxIOBoard-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	
Standard delivery	Disassembly tool, 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	EN55032:2012; EN55022:2010; EN55024:2010; EN50121-4:2006; EN55022:2010; EN55024:2010; EN50121-4:2015 EN61000-6-1:2007; EN 61000-6-2:2005; EN61000-6-3:2007+A1:2011; N61000-6-4:2007+A1:2011; AS/ NZS CISPR22:2009+A1:2010; CFR47 FCC part15B	
Protocols	IPv4, IPv6, HTTP, HTTPS, FTP, FTPS, 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	c26A Day Complete Camera	c26A 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



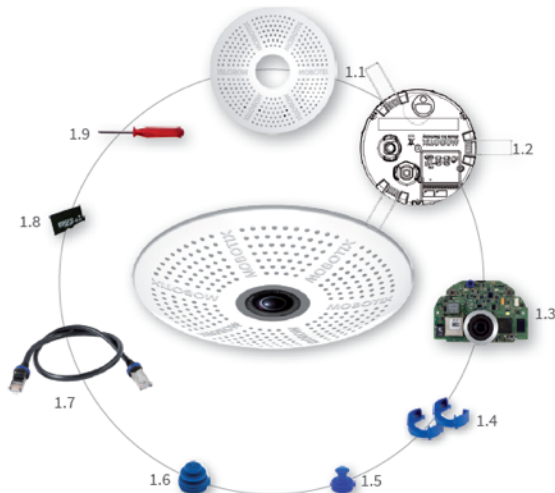
MxIOBoard-IC
for signal inputs/outputs
(accessory)

General Functions	c26A Day Complete Camera	c26A 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	
Master/Slave functionality	Yes	
Privacy zone scheduling	Yes	
Customized voice messages	Yes (variants with audio package only)	
VoIP telephony (audio/video, alert)	Yes (variants with audio package only)	
Remote alarm notification (network message)	Yes	
Programming interface (HTTP-API)	Yes	

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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	c26A Day Complete Camera	c26A Night Complete Camera
Video Motion Sensor	Yes	
MxActivitySensor	Yes	
MxAnalytics	Yes (Heatmaps, counting corridors and behavioural detection)	
Video Management Software	c26A Day Complete Camera	c26A Night Complete Camera
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

