



IP30, 0 to 40°C

## Technical Specifications

### MOBOTIX i26B Indoor 180°



#### Perfect Wall Installation. Compact, Discreet And Inexpensive.

The i26B was specially developed for wall installation. Thanks to its tilt angle of 15°, it provides a perfect overview. A single i26B with a 180° lens monitors an entire room. The camera's compact design ensures an inconspicuous appearance in all environments. 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)
- Optimized for wall installation as an in-wall or on-wall solution
- MxAnalytics Video Analysis tools as standard
- Variants with audio package (microphone and speaker)
- Integrated vibration and temperature sensor



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01304 827609

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| Camera Variants                                     | i26B Body Day Or Night Lens For Self-Assembly                                                                                                                                  | i26B Day Complete Camera                                                                                                                                         | i26B Night Complete Camera                      |
|-----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|
| Specialties                                         | i26B 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 i26B Day or Night cameras with sharply focused lens; additional variants with audio package (microphone and speaker inside the camera housing) |                                                 |
| Lenses                                              | i26B Body Day Or Night Lens For Self-Assembly                                                                                                                                  | i26B Day Complete Camera                                                                                                                                         | i26B Night Complete Camera                      |
| Fisheye Lens <b>MX-B016</b> (f/2.0, 180° x 180°)    | Not for i26B Body                                                                                                                                                              | <b>Mx-i26B-6D016</b><br><b>Mx-i26B-AU-6D016</b>                                                                                                                  | <b>Mx-i26B-6N016</b><br><b>Mx-i26B-AU-6N016</b> |
| Ultra Wide Lens <b>MX-B036</b> (f/1.8, 103° x 77°)  | Lens selection for i26B Body Day/Night<br><br>Body Day: <b>Mx-i26B-6D</b> (Body not available with audio)<br><br>Body Night: <b>Mx-i26B-6N</b> (Body not available with audio) | <b>Mx-i26B-6D036</b><br><b>Mx-i26B-AU-6D036</b>                                                                                                                  | <b>Mx-i26B-6N036</b><br><b>Mx-i26B-AU-6N036</b> |
| Super Wide Lens <b>MX-B041</b> (f/1.8, 90° x 67°)   |                                                                                                                                                                                | Self-assembly only (without Audio)                                                                                                                               | Self-assembly only (without Audio)              |
| Wide Lens <b>MX-B061</b> (f/1.8, 60° x 45°)         |                                                                                                                                                                                | Self-assembly only (without Audio)                                                                                                                               | Self-assembly only (without Audio)              |
| Standard Lens <b>MX-B079</b> (f/1.8, 45° x 34°)     |                                                                                                                                                                                | Self-assembly only (without Audio)                                                                                                                               | Self-assembly only (without Audio)              |
| Tele Lens <b>MX-B119</b> (f/1.8, 31° x 23°)         |                                                                                                                                                                                | Self-assembly only (without Audio)                                                                                                                               | Self-assembly only (without Audio)              |
| Distant Tele Lens <b>MX-B237</b> (f/1.8, 15° x 11°) |                                                                                                                                                                                | Self-assembly only (without Audio)                                                                                                                               | Self-assembly only (without Audio)              |
| Hardware                                            | i26B Body Day Or Night Lens For Self-Assembly                                                                                                                                  | i26B Day Complete Camera                                                                                                                                         | i26B 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)<br>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                                                                                                                               |                                                                                                                                                                  |                                                 |
| Tilt angle of lens                                  | -5° to -45° (manually adjustable)                                                                                                                                              |                                                                                                                                                                  |                                                 |
| 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                                  | IP30 and IK06                                                                                                                                                                  |                                                                                                                                                                  |                                                 |
| Intended use                                        | 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/O (2 outputs, 2 inputs)      | With MxIOBoard-IC (Order Nr. Mx-A-IO-IC)                                                                                                                                       |                                                                                                                                                                  |                                                 |
| Mounting options                                    | Wall                                                                                                                                                                           |                                                                                                                                                                  |                                                 |
| Dimensions (Height x Diameter)                      | 96 x 138 x 50 mm                                                                                                                                                               |                                                                                                                                                                  |                                                 |
| Weight                                              | 201 g                                                                                                                                                                          |                                                                                                                                                                  |                                                 |

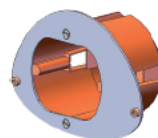
## Technical Specifications: i26 Indoor 180°

| Hardware                                 | i26B Body Day Or Night Lens For Self-Assembly                                                                                                                                        | i26B Day Complete Camera | i26B Night Complete Camera |
|------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|----------------------------|
| Housing                                  | PBT-30GF, color: white                                                                                                                                                               |                          |                            |
| Standard accessory                       | Screws with cover, sealing, allen 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, 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                                                                                                                                                                              |                          |                            |

| Image Formats, Frame Rates, Image Storage         | i26B Body Day Or Night Lens For Self-Assembly                                                                                                                              | i26B Day Complete Camera | i26B 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)      | <b>MxPEG:</b> 42@HD(1280x720), 34@Full-HD, 24@QXGA, 15@5MP, 12@6MP<br><b>MJPEG:</b> 26@HD(1280x720), 13@Full-HD, 9@QXGA, 5@5MP, 4@6MP<br><b>H.264:</b> 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                                                                                                          |                          |                            |



MX-OPT-AP2  
On-Wall Installation Set



MX-OPT-UP1  
In-Wall Installation Set



MxIOBoard-IC  
for signal inputs/outputs

| General Functions                                | i26B Body Day Or Night Lens For Self-Assembly | i26B Day Complete Camera | i26B 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                                           |                          |                            |

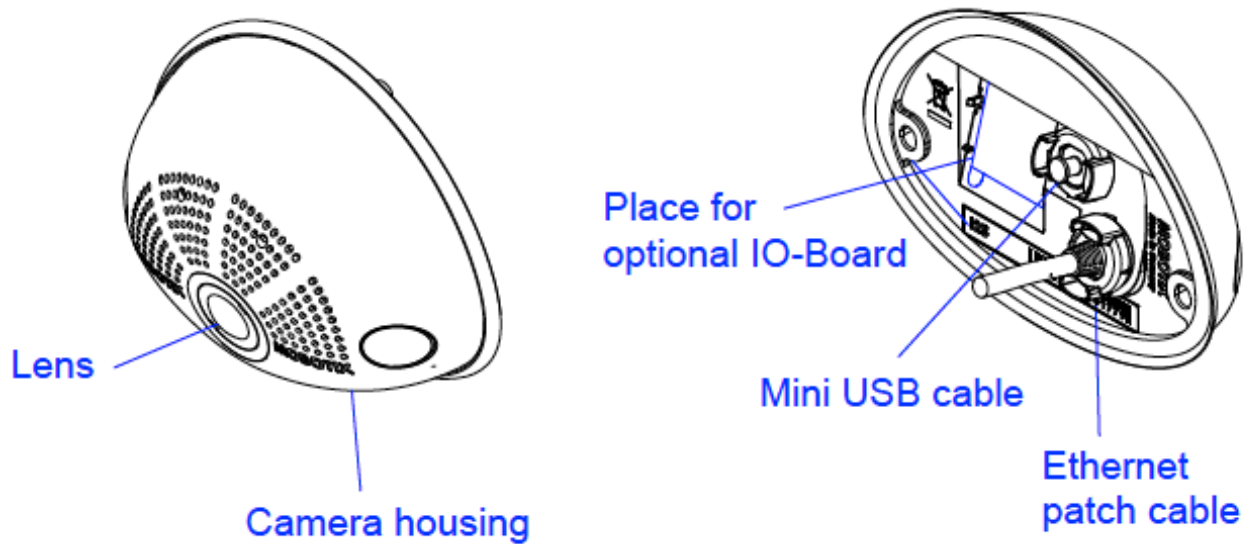
## Technical Specifications: i26 Indoor 180°

| General Functions                                       | i26B Body Day Or Night Lens For Self-Assembly                                                                                                                                                                               | i26B Day Complete Camera | i26B Night Complete Camera |
|---------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|----------------------------|
| 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:<br>Sending and receiving of MxMessages | Yes                                                                                                                                                                                                                         |                          |                            |
| Video Analysis                                          | i26B Body Day Or Night Lens For Self-Assembly                                                                                                                                                                               | i26B Day Complete Camera | i26B Night Complete Camera |
| Video Motion Sensor                                     | Yes                                                                                                                                                                                                                         |                          |                            |
| MxActivitySensor                                        | Yes                                                                                                                                                                                                                         |                          |                            |
| MxAnalytics                                             | Yes (Heatmaps, counting corridors)                                                                                                                                                                                          |                          |                            |
| Video Management Software                               | i26B Body Tag oder Nacht zur Objektiv-Selbstmontage                                                                                                                                                                         | i26B Tag Komplett-Kamera | i26B Nacht Komplett-Kamera |
| MxManagementCenter                                      | Yes                                                                                                                                                                                                                         |                          |                            |
| Mobile MOBOTIX App                                      | Yes                                                                                                                                                                                                                         |                          |                            |

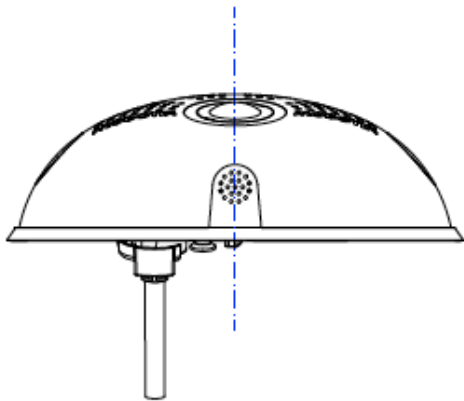
### i26 Standard Delivery



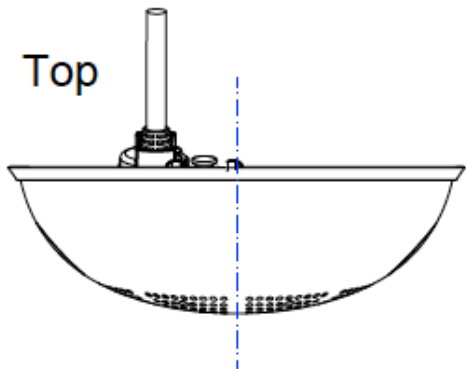
| Item | Count | Part Name                                                   |
|------|-------|-------------------------------------------------------------|
| 1.1  | 1     | Housing (installed)                                         |
| 1.2  | 1     | Back cover (installed)                                      |
| 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     | Wall sealing                                                |
| 1.9  | 2     | Screw plug, white                                           |
| 1.10 | 2     | Washer Ø 4.3 mm, stainless steel                            |
| 1.11 | 2     | Wood screw 4x40 mm, stainless steel                         |
| 1.12 | 2     | Screw anchor S6                                             |
| 1.13 | 1     | MicroSD card pre-installed (SDHC installed, SDXC supported) |
| 1.14 | 1     | Allen wrench 2.5 mm                                         |



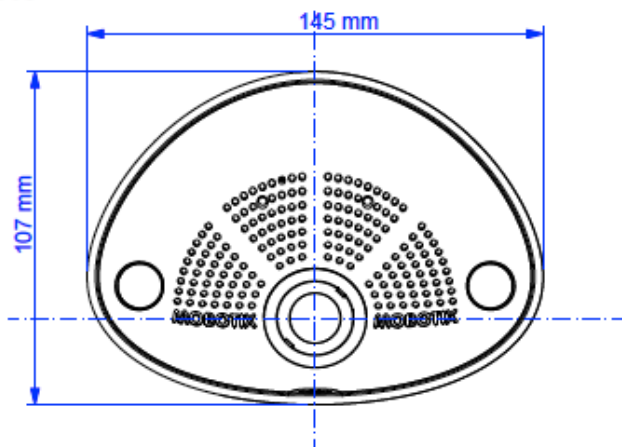
Down



Top



Front



Side

