



IP20, 0 to 40°C

## Technical Specifications

### MOBOTIX p26B Indoor PT



#### Flexible And Compact. Adapts To Meet Your Requirements.

The p26B is equipped with a light-sensitive 6-megapixel Moonlight sensor and manually adjustable lens (15° distance telephoto to 180° hemispheric) as standard, making it well suited for every indoor environment. Thanks to its competitive price, full range of MOBOTIX functions and inclusion of MxManagementCenter software free of charge, this system represents one of the most appealing indoor security solutions on the market. 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 installation, optional on-wall set
- Manual tilting and panning function
- MxAnalytics Video Analysis tools as standard
- Variants with audio package (microphone and speaker)
- Integrated vibration and temperature sensor



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| Camera Variants                                     | p26B Body Day Or Night Lens For Self-Assembly                                                                                                                                    | p26B Day Complete Camera                                                                                                                                         | p26B Night Complete Camera                      |
|-----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|
| Specialties                                         | p26B 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 p26B Day or Night cameras with sharply focused lens; additional variants with audio package (microphone and speaker inside the camera housing) |                                                 |
| Lenses                                              | p26B Body Day Or Night Lens For Self-Assembly                                                                                                                                    | p26B Day Complete Camera                                                                                                                                         | p26B Night Complete Camera                      |
| Fisheye Lens <b>MX-B016</b> (f/2.0, 180° x 180°)    | Not for p26B Body                                                                                                                                                                | <b>Mx-p26B-6D016</b><br><b>Mx-p26B-AU-6D016</b>                                                                                                                  | <b>Mx-p26B-6N016</b><br><b>Mx-p26B-AU-6N016</b> |
| Ultra Wide Lens <b>MX-B036</b> (f/1.8, 103° x 77°)  | Lens selection for p26B Body Day/Night<br><br>Body Day: <b>Mx-p26B-6D</b> with audio: <b>Mx-p26B-AU-6D</b><br><br>Body Night: <b>Mx-p26B-6N</b> with audio: <b>Mx-p26B-AU-6N</b> | <b>Mx-p26B-6D036</b><br><b>Mx-p26B-AU-6D036</b>                                                                                                                  | <b>Mx-p26B-6N036</b><br><b>Mx-p26B-AU-6N036</b> |
| Super Wide Lens <b>MX-B041</b> (f/1.8, 90° x 67°)   |                                                                                                                                                                                  | Self-assembly only (without/with Audio)                                                                                                                          | Self-assembly only (without/with Audio)         |
| Wide Lens <b>MX-B061</b> (f/1.8, 60° x 45°)         |                                                                                                                                                                                  | <b>Mx-p26B-6D061</b><br>Audio: self-assembly only                                                                                                                | Self-assembly only (without/with Audio)         |
| Standard Lens <b>MX-B079</b> (f/1.8, 45° x 34°)     |                                                                                                                                                                                  | <b>Mx-p26B-6D079</b><br>Audio: self-assembly only                                                                                                                | Self-assembly only (without/with Audio)         |
| Tele Lens <b>MX-B119</b> (f/1.8, 31° x 23°)         |                                                                                                                                                                                  | <b>Mx-p26B-6D119</b><br>Audio: self-assembly only                                                                                                                | Self-assembly only (without/with Audio)         |
| Distant Tele Lens <b>MX-B237</b> (f/1.8, 15° x 11°) |                                                                                                                                                                                  | <b>Mx-p26B-6D237</b><br>Audio: self-assembly only                                                                                                                | Self-assembly only (without/with Audio)         |
| Hardware                                            | p26B Body Day Or Night Lens For Self-Assembly                                                                                                                                    | p26B Day Complete Camera                                                                                                                                         | p26B 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                                  | IP20 and IK06                                                                                                                                                                    |                                                                                                                                                                  |                                                 |
| Intended use                                        | Ceiling 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                                    | Ceiling                                                                                                                                                                          |                                                                                                                                                                  |                                                 |
| Dimensions (Height x Diameter)                      | 89 x 120 mm                                                                                                                                                                      |                                                                                                                                                                  |                                                 |
| Weight                                              | 270 g                                                                                                                                                                            |                                                                                                                                                                  |                                                 |

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| Hardware                                 | p26B Body Day Or Night Lens For Self-Assembly                                                                                                                                        | p26B Day Complete Camera | p26B Night Complete Camera |
|------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|----------------------------|
| Housing                                  | PBT-30GF, color: white                                                                                                                                                               |                          |                            |
| Standard accessory                       | Allen wrench, Lens wrench (depending on model), 0.5 m Ethernet patch cable<br>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                                                                                                                                                                              |                          |                            |



p26 camera body und lenses  
B036 to B237 for self-mounting



p26 camera,  
lens B016-B237



MxIOBoard-IC  
for signal input/output  
(accessories)



| Image Formats, Frame Rates, Image Storage         | p26B Body Day Or Night Lens For Self-Assembly                                                                                                                              | p26B Day Complete Camera | p26B 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                                                                                                          |                          |                            |

| General Functions                           | p26B Body Day Or Night Lens For Self-Assembly | p26B Day Complete Camera | p26B 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                                           |                          |                            |

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| General Functions                                       | p26B Body Day Or Night<br>Lens For Self-Assembly                                                                                                                                                                             | p26B Day<br>Complete Camera | p26B Night<br>Complete Camera |
|---------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|-------------------------------|
| 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, 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 and 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                                          | p26B Body Day Or Night<br>Lens For Self-Assembly                                                                                                                                                                             | p26B Day<br>Complete Camera | p26B Night<br>Complete Camera |
| Video Motion Sensor                                     | Yes                                                                                                                                                                                                                          |                             |                               |
| MxActivitySensor                                        | Yes                                                                                                                                                                                                                          |                             |                               |
| MxAnalytics                                             | Yes (Heatmaps, counting corridors)                                                                                                                                                                                           |                             |                               |
| Video Management Software                               | p26B Body Tag oder Nacht<br>zur Objektiv-Selbstmontage                                                                                                                                                                       | p26B Tag<br>Komplett-Kamera | p26B Nacht<br>Komplett-Kamera |
| MxManagementCenter                                      | Yes                                                                                                                                                                                                                          |                             |                               |
| Mobile MOBOTIX App                                      | Yes                                                                                                                                                                                                                          |                             |                               |

Standard Delivery p26



| Item | Count | Part Name                                                              |
|------|-------|------------------------------------------------------------------------|
| 1.1  | 1     | Housing with spring clips and tiltable camera receptacle (installed)   |
| 1.2  | 1     | Back cover (installed)                                                 |
| 1.3  | 1     | Main board with lens mount (installed)                                 |
| 1.4  | 1     | Lens (only installed in camera models listed in «Variants of the p26») |
| 1.5  | 1     | Blind cover (only when self-mounting the lens)                         |
| 1.6  | 1     | Ethernet patch cable, 50 cm/19.7 in, black (installed)                 |
| 1.7  | 1     | MicroSD card pre-installed (SDHC installed, SDXC supported)            |
| 1.8  | 1     | Flat-head screwdriver, blue                                            |
| 1.9  | 1     | Lens wrench red (not with hemispheric variants with lens B016)         |
| 1.10 | 1     | Allen wrench 1.5 mm                                                    |



