

# Technical Specifications

## MOBOTIX M26 Allround



**MOBOTIX**

# Technical Specifications

## MOBOTIX M26 Allround



| Camera Variants                                      | M26 Body Day Or Night Lens For Self-Assembly                                                                                       | M26 Day Complete Camera                                                                                                     | M26 Night Complete Camera |
|------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|---------------------------|
| Specialties                                          | M26 Body with 6MP Day or Night sensor Mx-M26A-6D or Mx-M26A-6N; all lenses (except MX-B016) available separately for self-assembly | Factory-assembled M26 Day or Night cameras with sharply focused lens (only fisheye lens variants available in the Americas) |                           |
| Lenses                                               | M26 Body Day Or Night Lens For Self-Assembly                                                                                       | M26 Day Complete Camera                                                                                                     | M26 Night Complete Camera |
| Fisheye-Objektiv MX-B016 (f/2.0, 180° x 180°)        | Not for M26 Body                                                                                                                   | Mx-M26A-6D016                                                                                                               | Mx-M26A-6N016             |
| Ultraweitwinkel-Objektiv MX-B036 (f/1.8, 103° x 77°) | Lens selection for M26 Body Day/Night<br><br>Body Day: Mx- M26A-6D<br>Body Night: Mx-M26A-6N                                       | Mx-M26A-6D036                                                                                                               | Mx-M26A-6N036             |
| Superweitwinkel-Objektiv MX-B041 (f/1.8, 90° x 67°)  |                                                                                                                                    | Mx-M26A-6D041                                                                                                               | Mx-M26A-6N041             |
| Weitwinkel-Objektiv MX-B061 (f/1.8, 60° x 45°)       |                                                                                                                                    | Mx-M26A-6D061                                                                                                               | Mx-M26A-6N061             |
| Standard-Objektiv MX-B079 (f/1.8, 45° x 34°)         |                                                                                                                                    | Mx-M26A-6D079                                                                                                               | Mx-M26A-6N079             |
| Teleobjektiv MX-B119 (f/1.8, 31° x 23°)              |                                                                                                                                    | Mx-M26A-6D119                                                                                                               | Mx-M26A-6N119             |
| Distanz-Teleobjektiv MX-B237 (f/1.8, 15° x 11°)      |                                                                                                                                    | Mx-M26A-6D237                                                                                                               | Mx-M26A-6N237             |
| Super-Teleobjektiv MX-B500 (f/2.5, 8° x 6°)          |                                                                                                                                    | Mx-M26A-6D500                                                                                                               | Mx-M26A-6N500             |
| Hardware                                             | M26 Body Day Or Night Lens For Self-Assembly                                                                                       | M26 Day Complete Camera                                                                                                     | M26 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                                                                                   |                                                                                                                             |                           |
| 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 IK10                                                                                                                      |                                                                                                                             |                           |
| Intended use                                         | Not for use in hazardous areas (Ex area)                                                                                           |                                                                                                                             |                           |
| Ambient temperature (range, incl. storage)           | -30 to 50°C/-22 to 122°F                                                                                                           |                                                                                                                             |                           |
| Internal DVR, ex works                               | 4 GB (microSD)                                                                                                                     |                                                                                                                             |                           |
| Microphone/speaker                                   | Yes/Yes                                                                                                                            |                                                                                                                             |                           |
| 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 (with future software update)                                                                                                  |                                                                                                                             |                           |
| Power consumption (typical)                          | < 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)                                                                                                     |                                                                                                                             |                           |
| Mounting options                                     | Wall, ceiling or pole (pole mount: MOBOTIX accessory)                                                                              |                                                                                                                             |                           |
| Dimensions (Height x Width x Depth)                  | 189 x 140 x 220 mm                                                                                                                 |                                                                                                                             |                           |
| Weight                                               | 350 g                                                                                                                              |                                                                                                                             |                           |
| Housing                                              | Fixed Network, PBT-30GF, color: white                                                                                              |                                                                                                                             |                           |
| Standard accessory                                   | Screws, dowels, allen wrenches, VarioFlex wall and ceiling mount, rubber sealing<br>0,5 m Ethernet patch cable, Quick Install      |                                                                                                                             |                           |

## Technical Specifications

### MOBOTIX M26 Allround



| Hardware                         | M26 Body Day Or Night Lens For Self-Assembly                                                                                                                                                                   | M26 Day Complete Camera | M26 Night Complete Camera |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|---------------------------|
| Detailed technical documentation | www.mobotix.com > Support > Manuals                                                                                                                                                                            |                         |                           |
| Online version of this document  | www.mobotix.com > Support > Spec Sheets                                                                                                                                                                        |                         |                           |
| MTBF                             | > 80,000 hours                                                                                                                                                                                                 |                         |                           |
| Certifications                   | EN55032:2012<br>EN55022:2010; EN55024:2010; EN50121-4:2015<br>EN61000-6-1:2007; EN 61000-6-2:2005<br>EN61000-6-3:2007+A1:2011<br>EN61000-6-4:2007+A1:2011<br>AS/ NZS CISPR22:2009+A1:2010<br>CFR47 FCC part15B |                         |                           |
| Protocols                        | IPv4, IPv6, HTTP, HTTPS, FTP, 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                                     |                         |                           |

| Image Formats, Frame Rates, Image Storage         | M26 Body Day Or Night Lens For Self-Assembly                                                                                                                               | M26 Day Complete Camera | M26 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                                                                                                          |                         |                           |



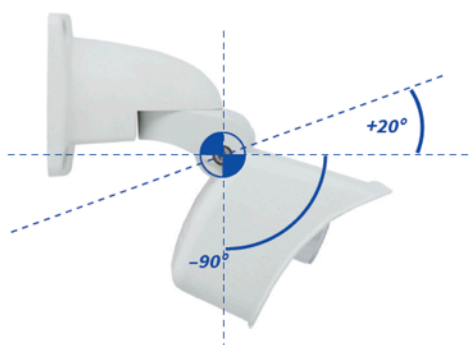
| General Functions                          | M26 Body Day Or Night Lens For Self-Assembly                      | M26 Day Complete Camera | M26 Night Complete Camera |
|--------------------------------------------|-------------------------------------------------------------------|-------------------------|---------------------------|
| Digital zoom and pan                       | Yes                                                               |                         |                           |
| ONVIF compatibility                        | Yes, complete ONVIF Profile S supported by future software update |                         |                           |
| Genetec protocol integration               | Yes                                                               |                         |                           |
| Programmable exposure zones                | Yes                                                               |                         |                           |
| Snapshot recording (pre/post-alarm images) | Yes                                                               |                         |                           |
| Continuous recording with audio            | Yes                                                               |                         |                           |
| Event recording with audio                 | Yes                                                               |                         |                           |
| Time controlled flexible event logic       | Yes                                                               |                         |                           |

# Technical Specifications

## MOBOTIX M26 Allround

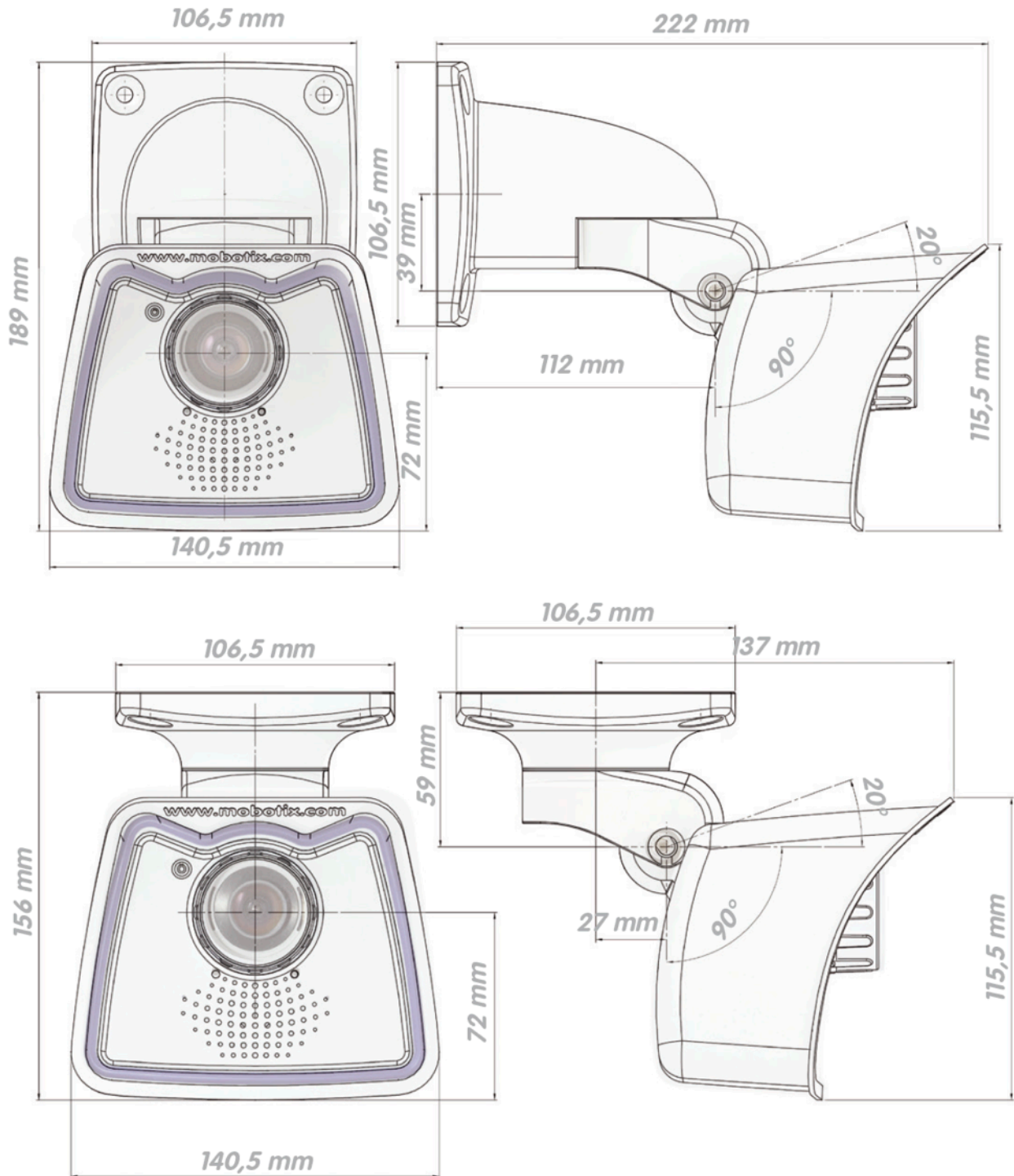


| General Functions                                       | M26 Body Day Or Night Lens For Self-Assembly                                                                                                                                                                                | M26 Day Complete Camera | M26 Night Complete Camera |
|---------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|---------------------------|
| 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                                                                                                                                                                                                                         |                         |                           |
| Animated logos on the image                             | Yes                                                                                                                                                                                                                         |                         |                           |
| Master/Slave functionality                              | Yes                                                                                                                                                                                                                         |                         |                           |
| Privacy zone scheduling                                 | Yes                                                                                                                                                                                                                         |                         |                           |
| Customized voice messages                               | Yes                                                                                                                                                                                                                         |                         |                           |
| VoIP telephony (audio/video, alert)                     | Yes                                                                                                                                                                                                                         |                         |                           |
| 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                                          | M26 Body Day Or Night Lens For Self-Assembly                                                                                                                                                                                | M26 Day Complete Camera | M26 Night Complete Camera |
| Video-Bewegungssensor                                   | Yes                                                                                                                                                                                                                         |                         |                           |
| MxActivitySensor                                        | Yes                                                                                                                                                                                                                         |                         |                           |
| MxAalytics                                              | Yes (Heatmaps, counting corridors)                                                                                                                                                                                          |                         |                           |
| Video Management Software                               | M26 Body Day Or Night Lens For Self-Assembly                                                                                                                                                                                | M26 Day Complete Camera | M26 Night Complete Camera |
| MxManagementCenter                                      | Yes                                                                                                                                                                                                                         |                         |                           |
| Mobile MOBOTIX App                                      | Yes                                                                                                                                                                                                                         |                         |                           |



# Technical Specifications

## MOBOTIX M26 Allround



Dimensions in mm