

# Technical Specifications

## MOBOTIX D26 Dome



**MOBOTIX**

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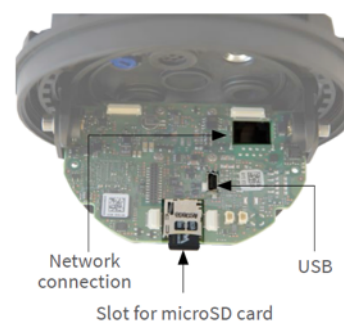
| Camera Variants                                     | D26 Body Day Or Night Lens For Self-Assembly                                                                                     | D26 Day Complete Camera                                                                              | D26 Night Complete Camera |
|-----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|---------------------------|
| Specialties                                         | D26 Body with 6MP Day or Night sensor: <b>Mx-D26A-6D</b> or <b>Mx-D26A-6N</b> ;<br>Lenses available separately for self-assembly | Factory-assembled D26 Day or Night cameras with sharply focused lens (not available in the Americas) |                           |
| Lenses                                              | D26 Body Day Or Night Lens For Self-Assembly                                                                                     | D26 Day Complete Camera                                                                              | D26 Night Complete Camera |
| Ultra Wide Lens <b>MX-B036</b> (f/1.8, 103° x 77°)  | Lens selection for D26 Body Day/Night<br><br>Body Day: Mx- D26A-6D<br>Body Night: Mx-D26A-6N                                     | <b>Mx-D26A-6D036</b>                                                                                 | <b>Mx-D26A-6N036</b>      |
| Super Wide Lens <b>MX-B041</b> (f/1.8, 90° x 67°)   |                                                                                                                                  | <b>Mx-D26A-6D041</b>                                                                                 | <b>Mx-D26A-6N041</b>      |
| Wide Lens <b>MX-B061</b> (f/1.8, 60° x 45°)         |                                                                                                                                  | <b>Mx-D26A-6D061</b>                                                                                 | <b>Mx-D26A-6N061</b>      |
| Standard Lens <b>MX-B079</b> (f/1.8, 45° x 34°)     |                                                                                                                                  | <b>Mx-D26A-6D079</b>                                                                                 | <b>Mx-D26A-6N079</b>      |
| Tele Lens <b>MX-B119</b> (f/1.8, 31° x 23°)         |                                                                                                                                  | <b>Mx-D26A-6D119</b>                                                                                 | <b>Mx-D26A-6N119</b>      |
| Distant Tele Lens <b>MX-B237</b> (f/1.8, 15° x 11°) |                                                                                                                                  | <b>Mx-D26A-6D237</b>                                                                                 | <b>Mx-D26A-6N237</b>      |
| Hardware                                            | D26 Body Day Or Night Lens For Self-Assembly                                                                                     | D26 Day Complete Camera                                                                              | D26 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 (with and without Vandalism Set)                                                                                   |                                                                                                      |                           |
| 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                                  | No/No (optional audio extension via external ExtIO module)                                                                       |                                                                                                      |                           |
| 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 (with optional Wall & Pole/Corner Mount Set)                                                               |                                                                                                      |                           |
| Dimensions (height x diameter)                      | 86 x 160 mm                                                                                                                      |                                                                                                      |                           |
| Weight                                              | 350 g                                                                                                                            |                                                                                                      |                           |
| Housing                                             | Fixed Dome, PBT-30GF, color: white                                                                                               |                                                                                                      |                           |
| Standard accessory                                  | Screws, dowels, allen screw, toothed wrench, Torx wrench, 0.5 m ethernet patch cable, Quick Install, 1x lens cover               |                                                                                                      |                           |
| Detailed technical documentation                    | <a href="http://www.mobotix.com">www.mobotix.com</a> > Support > Manuals                                                         |                                                                                                      |                           |
| Online version of this document                     | <a href="http://www.mobotix.com">www.mobotix.com</a> > Support > Spec Sheets                                                     |                                                                                                      |                           |
| MTBF                                                | > 80,000 hours                                                                                                                   |                                                                                                      |                           |

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| Hardware                                          | D26 Body Day Or Night Lens For Self-Assembly                                                                                                                                                   | D26 Day Complete Camera | D26 Night Complete Camera |
|---------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|---------------------------|
| Certifications                                    | EN55022:2010; EN55024:2010; EN50121-4:2006<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         | D26 Body Day Or Night Lens For Self-Assembly                                                                                                                                                   | D26 Day Complete Camera | D26 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                                | D26 Body Day Or Night Lens For Self-Assembly                      | D26 Day Complete Camera | D26 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                  | With external audio accessory (MOBOTIX ExtIO)                     |                         |                           |
| Event recording with audio                       | With external audio accessory (MOBOTIX ExtIO)                     |                         |                           |
| 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                                                               |                         |                           |

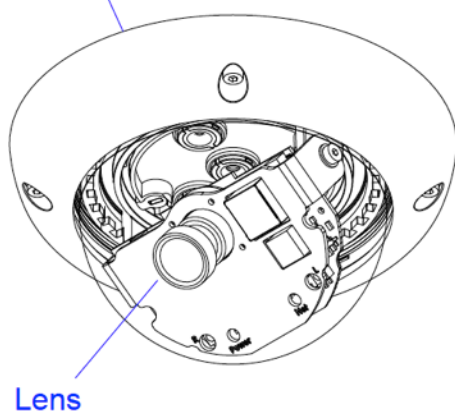
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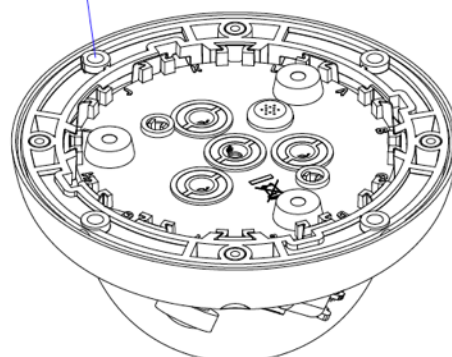


| General Functions                                       | D26 Body Day Or Night Lens For Self-Assembly                                                                                                                                                                                | D26 Day Complete Camera | D26 Night Complete Camera |
|---------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|---------------------------|
| Bidirectional audio in browser                          | With external audio accessory (MOBOTIX ExtIO)                                                                                                                                                                               |                         |                           |
| Animated logos on the image                             |                                                                                                                                                                                                                             | Yes                     |                           |
| Master/Slave functionality                              |                                                                                                                                                                                                                             | Yes                     |                           |
| Privacy zone scheduling                                 |                                                                                                                                                                                                                             | Yes                     |                           |
| Customized voice messages                               |                                                                                                                                                                                                                             | Yes                     |                           |
| VoIP telephony (audio/video, alert)                     | With external audio accessory (MOBOTIX ExtIO)                                                                                                                                                                               |                         |                           |
| 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                                          | D26 Body Day Or Night Lens For Self-Assembly                                                                                                                                                                                | D26 Day Complete Camera | D26 Night Complete Camera |
| Video motion detector                                   |                                                                                                                                                                                                                             | Yes                     |                           |
| MxActivitySensor                                        |                                                                                                                                                                                                                             | Yes                     |                           |
| MxAnalytics                                             | Yes (Heatmaps, counting corridors)                                                                                                                                                                                          |                         |                           |
| Video Management Software                               | D26 Body Day Or Night Lens For Self-Assembly                                                                                                                                                                                | D26 Day Complete Camera | D26 Night Complete Camera |
| MxManagementCenter                                      |                                                                                                                                                                                                                             | Yes                     |                           |
| Mobile MOBOTIX App                                      |                                                                                                                                                                                                                             | Yes                     |                           |

Camera housing



Mounting ring

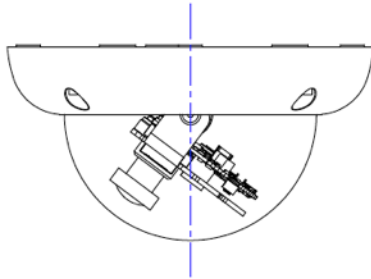


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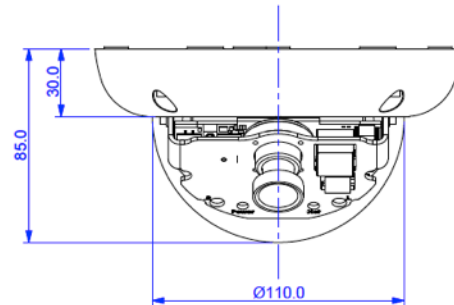
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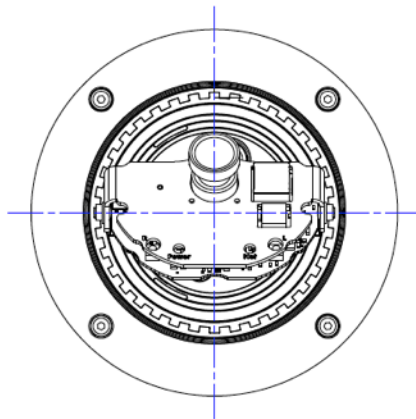
Side



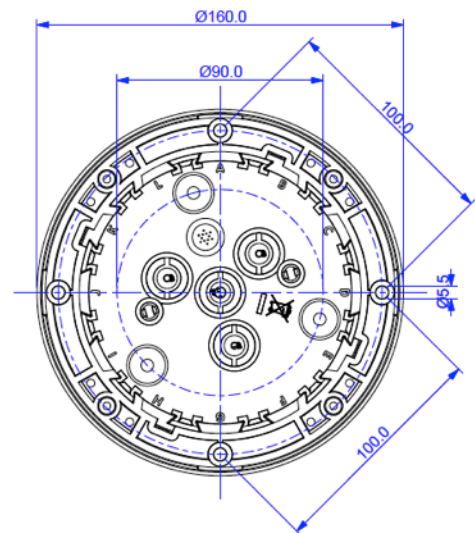
Front



Top



Bottom



Dimensions in mm