

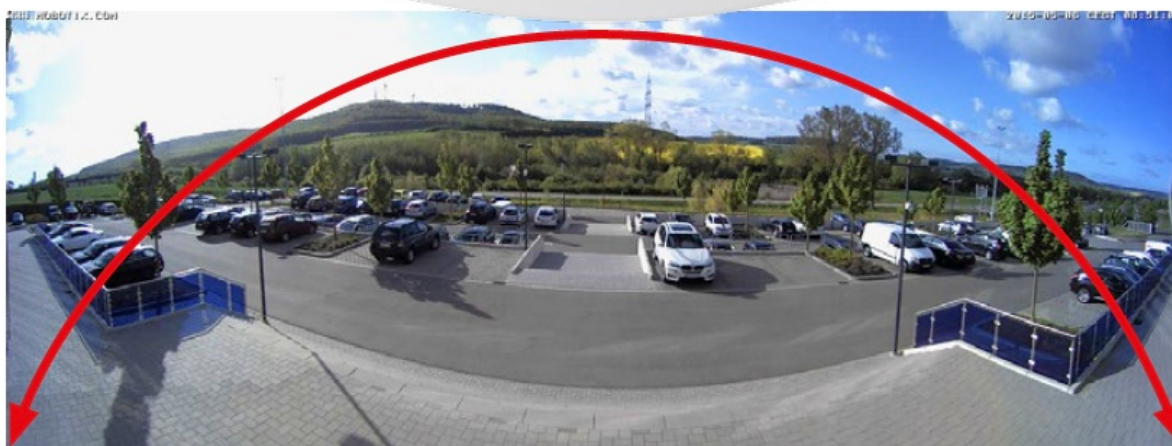
## MOBOTIX Q25 6MP Hemispheric Camera



With Vandalism Set



Weatherproof



Wall-mounted Q25 captures 180° field of view – no blind spots.

### Elegant. Allround Secure.

Setting a new benchmark in design, this all-in-one Hemispheric camera offers a super-wide 360° allround view, in high resolution. Easily replacing four standard CCTV cameras, just one Q25 captures an entire room. The Q25 is highly discreet and fits in everywhere – both indoors and outdoors.

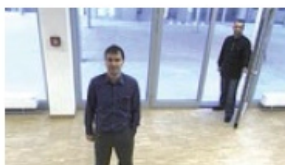
Technical specifications subject to change without notice

**Technical specifications subject to change without notice.** For more information on the Q25 and on the entire range of MOBOTIX products, such as prices, manuals, video management software for computers and iOS devices, etc., please go to [www.mobotix.com](http://www.mobotix.com) > **Products**. Or contact us by phone (+49 06302 9816-103) or email ([sales@mobotix.com](mailto:sales@mobotix.com)).



## Fits In Everywhere

The Q25 can be flush-mounted into a wall or ceiling, and looks more like a mounted speaker than a security camera. The low-profile form factor fits in with every environment (pictured with in-ceiling mount set).



## Image Correction Built-in

All of the image correction in the MOBOTIX Hemispheric cameras is handled by the camera's on-board imaging analysis software. No additional PC or software required.



## Day Or Night Capture

Available in both Day (color) and Night (B&W) models, which cater to the most challenging lighting conditions and a wide range of applications.

| Technical Data                 |                                                                 |                                  |                                                                       |
|--------------------------------|-----------------------------------------------------------------|----------------------------------|-----------------------------------------------------------------------|
| <b>Lens Options</b>            | B016, B041 (L10, L22)                                           | <b>Min. Light Sensitivity</b>    | Day Sensor: 0.1 lux at 1/60 sec<br>Night Sensor: 0.02 lux at 1/60 sec |
| <b>Image Sensors</b>           | 1/1.8" CMOS (6MP)<br>Day (Color) or Night (B&W)                 | <b>Sensor Resolution</b>         | 6MP: 3072×2048 pixels<br>(Color/B&W)                                  |
| <b>Max. Frame Rate (MxPEG)</b> | MEGA/HD: 30 fps,<br>QXGA: 15 fps,<br>6MP: 8 fps                 | <b>Compression</b>               | MxPEG,<br>M-JPEG,<br>JPEG,<br>H.264 (SIP video only)                  |
| <b>DVR Recording</b>           | Internal: microSD Card<br>External: PC/NAS (to 4 TB)            | <b>Audio</b>                     | Integrated microphone & speaker,<br>VoIP, intercom, sound recording   |
| <b>Operating Conditions</b>    | IP65, IK07, IP66/IK10 (with Vandalism Kit), -30 to +50 °C       | <b>Internal Sensors</b>          | Temperature, microphone,<br>illumination, shock detector.             |
| <b>Image Processing</b>        | MxActivitySensor, VMD, image correction, backlight, MxAnalytics | <b>Software (free of charge)</b> | MxManagementCenter,<br>MOBOTIX App                                    |



# Q25 – Technical Specifications

Security-Vision-Systems



| Camera Variants                                  | Q25 Day                                      | Q25 Night                                    |
|--------------------------------------------------|----------------------------------------------|----------------------------------------------|
| Lenses, Sensors                                  |                                              |                                              |
| Fisheye Lens MX-B016 (Hemispheric, 180° x 180°)  | MX-Q25-D016 (white)<br>MX-Q25-D016-b (black) | MX-Q25-N016 (white)<br>MX-Q25-N016-b (black) |
| Ultra Wide Lens MX-B036 (103° x 77°)             | –                                            | –                                            |
| Super Wide Lens MX-B041 (90° x 67°)              | MX-Q25-D041 (white)<br>MX-Q25-D041-b (black) | MX-Q25-N041 (white)<br>MX-Q25-N041-b (black) |
| Wide Lens MX-B061 (60° x 45°)                    | –                                            | –                                            |
| Standard Lens MX-B079 (45° x 34°)                | –                                            | –                                            |
| Tele Lens MX-B119 (31° x 23°)                    | –                                            | –                                            |
| Distant Tele Lens MX-B237 (15° x 11°)            | –                                            | –                                            |
| Super Tele Lens MX-B500 (8° x 6°)                | –                                            | –                                            |
| CS-Vario Lens MX-B045-100-CS (39°-89° x 29°-65°) | –                                            | –                                            |
| Image sensor with individual exposure zones      | Color                                        | B/W                                          |
| Sensor sensitivity in lux at 1/60 s /1 s         | 0,1/0,005                                    | 0,02/0,001                                   |

| Hardware Functions                      |                                   |                                   |
|-----------------------------------------|-----------------------------------|-----------------------------------|
| Protection class                        | IP65 and IK07                     | IP65 and IK07                     |
| Ambient temperature (range)             | -30 to 50°C/-22 to 122°F          | -30 to 50°C/-22 to 122°F          |
| Temporary internal DVR                  | 64 MB                             | 64 MB                             |
| Internal DVR, ex works                  | 4 GB (microSD)                    | 4 GB (microSD)                    |
| Microphone/speaker                      | •/•                               | •/•                               |
| Passive infrared sensor (PIR)           | –                                 | –                                 |
| Integrated temperature sensor           | •                                 | •                                 |
| Shock detector                          | •                                 | •                                 |
| Power consumption (typical)             | < 4,5 watts                       | < 4,5 watts                       |
| Variable PoE class (factory default: 3) | 2 or 3                            | 2 or 3                            |
| Interfaces Ethernet/MxBus/USB           | •/•/•                             | •/•/•                             |
| Interfaces IO and RS232                 | With accessory<br>(MX-232-IO-Box) | With accessory<br>(MX-232-IO-Box) |

| Image Formats, Frame Rates, Image Storage   |                   |                   |
|---------------------------------------------|-------------------|-------------------|
| Maximum image format (per sensor)           | 6MP (3072 x 2048) | 6MP (3072 x 2048) |
| Maximum frame rate (MxPEG, max. resolution) | 8 fps (6MP)       | 8 fps (6MP)       |
| CIF images with 4 GB MicroSD DVR            | 250,000           | 250,000           |
| VGA images with 4 GB MicroSD DVR            | 125,000           | 125,000           |
| HD images with 4 GB MicroSD DVR             | 40,000            | 40,000            |
| QXGA images with 4 GB MicroSD DVR           | 20,000            | 20,000            |



# Q25 – Technical Specifications

Security-Vision-Systems



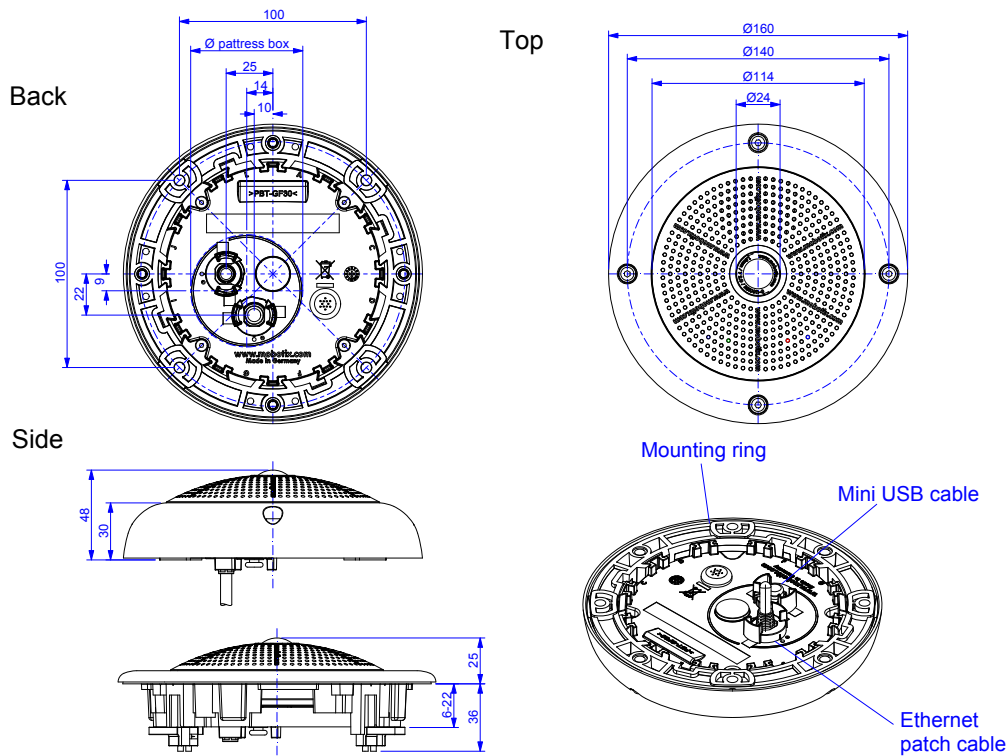
| Camera Variants                                                                               | Q25 Day | Q25 Night |
|-----------------------------------------------------------------------------------------------|---------|-----------|
| <b>General Functions</b>                                                                      |         |           |
| Digital zoom (continuous) with panning                                                        | •       | •         |
| Codecs: Motion-JPEG/MxPEG/H.264 for SIP                                                       | •/•/•   | •/•/•     |
| Programmable exposure zones                                                                   | •       | •         |
| Snapshot recording (pre/post-alarm images)                                                    | 50      | 50        |
| Terabyte ring buffer storage (internal/network)                                               | •       | •         |
| Continuous recording with sound (0.2 to 30 fps)                                               | •       | •         |
| Event recording with sound                                                                    | •       | •         |
| Time and event control/flexible event logic                                                   | •/•     | •/•       |
| Weekly schedules/holidays                                                                     | •       | •         |
| Web functionality (FTP, email)                                                                | •       | •         |
| Playback/QuadView and MultiView                                                               | •/•     | •/•       |
| Bidirectional sound in browser                                                                | •       | •         |
| Logo generator, animated                                                                      | •       | •         |
| Master/Slave arming                                                                           | •       | •         |
| Several scheduled privacy zones                                                               | •       | •         |
| Customized voice messages                                                                     | •       | •         |
| VoIP telephony (audio/video, alert)                                                           | •       | •         |
| Remote alarm notification (network message)                                                   | •       | •         |
| Signal inputs/outputs and RS232 via MxBus module                                              | •       | •         |
| Programming interface (HTTP API)                                                              | •       | •         |
| Security Features<br>(HTTPS/SIP, IP-based access control, IEEE 802.1X network authentication) | •       | •         |
| <b>Video Analysis</b>                                                                         |         |           |
| Video motion detector                                                                         | •       | •         |
| MxAnalytics                                                                                   | •       | •         |
| MxActivitySensor (incl. behavioral detection)                                                 | •       | •         |
| <b>Video Management Software</b>                                                              |         |           |
| MxManagementCenter/MxControlCenter/MxEasy                                                     | •/•/•   | •/•/•     |
| MOBOTIX App (iOS)                                                                             | •       | •         |

- available ex works
- not available

## Delivered Parts Q25



(Excerpt from the technical documentation: [www.mobotix.com](http://www.mobotix.com) > Support > Manuals)



(Excerpt from technical drawings and 3D views: [www.mobotix.com](http://www.mobotix.com) > Support > Image Database)

**Lens unit**

**Speaker**

**Microphone**

**R key**

**L key**

**LEDs**

**Slot for MicroSD card  
(not externally accessible)**

**Network connector**

**MiniUSB (e.g. ExtIO)**

**Bayonet catch**

**MxBus (for expansion  
modules)**

(Q25 – Camera housing and connectors, excerpt from the technical documentation)