Q25M Hemispheric Camera

reddot design award

Allround Easy. Allround Secure.

An elegant, ultra-compact and weatherproof IP dome camera. The Q25 opens up a whole new range of application scenarios thanks to the 360° allround view for recording an entire room, widescreen panoramic images and simultaneous quad display in all four cardinal directions.

- High-resolution widescreen panorama from wall to wall, ideal for access control
- Integrated DVR (up to 64 GB) for long-term recording without network load
- Digital continuous tilting, panning and zooming without mechanically moving the camera
- Robust and low maintenance with no moving parts
- Newest MOBOTIX 5MP sensor technology with up to 30 fps and improved zoom
- Microphone, speaker, MxBus and intelligent movement sensors (MxActivitySensor)
- Optimized image quality and reduced motion blur even in poor lighting conditions

from €598 (incl. L12 lens, software)

Q25M – The Perfect Overview

The Q25M provides a hemispherical 360° allround view with just one lens. Only one camera is needed to view all four corners of a room. The fish-eye effect, typical of this lens, can be digitally switched off already in the live images.

Camera Housing

Standard housing
- Hemispheric allround view (360°)
- Suitable for wall or ceiling mounting
- White or black
- Robust and low maintenance with no moving parts

Accessories

Vandalism Set
- Anti-vandalism stainless steel housing with lens protection
- Polished, matt

In-ceiling set
- Installation set with mounting accessories
- Simple installation from the front
- Ø 15 cm installation dimensions
- White or black
- Optionally available with stainless steel ring

ExtIO function expansion
- Microphone/Speaker
- Infrared motion sensor, temperature sensor
- 2 signal inputs, 2 signal outputs, 2 illuminated keys

Application In An Elevator

The discreetly mountable Q25 provides a complete view and at the same time serves as a highly functional intercom system (microphone and speaker are integrated into the camera ex factory)

Technical Data

Model versions	Basic, Sec, Sec-Night
Lens options	L12 (180° x 160°), L25 (82° x 61°)
Sensitivity	Color sensor: 0.25 lux (t =1/60 s), 0.013 lux (t = 1/1 s) B/W sensor: 0.05 lux at 1/60 s, 0.0025 lux at 1/1 s MxLEO – Lowlight Exposure Optimization
Image sensors	1/2.5" CMOS, 5 megapixels, progressive scan
Max. image size	Color: 2048 x 1536 (QXGA), B/W: 2048 x 1536 (QXGA)
Image formats	Freely selectable image format (160 x 120 up to 2048 x 1536/color); PTZ views: Surround (Quad), fisheye full image, normal, panorama, double panorama, panorama focus (3 views)
Max. frame rate, M-JPEG (live/recording)	VGA: 30 fps, MEGA/HD: 10 fps, 3MEGA: 4 fps
Max. video rate MxPEG (live/recording/sound)	VGA: 30 fps, MEGA/HD: 30 fps, 3MEGA: 20 fps
Image compression	MxPEG, M-JPEG, JPEG, H.264 (SIP video only)
Internal DVR	MicroSD Slot (recording inside the camera, up to 64 GB; 4-GB card preinstalled)
External storage	Directly on NAS and computer/server without additional recording software
Software (free of charge)	MxEasy video management software, MxControlCenter control center software, MOBOTIX App for iOS devices iOS 5.0 and higher
Image processing	Backlight compensation, automatic white balance, image distortion correction (including panorama image correction), motion detection, MxActivitySensor
Virtual PTZ (vPTZ)	Digital pan/tilt/zoom, continuous 8x zoom, full image recording in the background
Alarm/events	Triggering of events by integrated multiple-window motion detection, temperature sensor, notification over email, FTP, IP telephony (VoIP, SIP), visual/acoustic alarm, pre- and post-alarm images
Audio	Integrated microphone and speaker, lip-synchronous audio, intercom, audio recording
Interfaces	Ethernet 10/100, IPv4/IPv6, MiniUSB, MxBus, IO and RS232 via MX-232-IO-Box (accessory)
Video telephony	VoIP/SIP, intercom, remote controlling with key code, event notification
Security	User/group management, HTTPS/SSL, IP address filter, IEEE 802.1x, intrusion detection, digital image signature
Certifications	EMC (EN50121-4, EN55022, EN55024, EN61000-6-2, FCC part15B, AS/NZS3548)
Power supply	Power over Ethernet (PoE in accordance with IEEE802.3af): PoE class variable (2/3) depending on operating mode; power consumption: typ. 4.5 watts;
Operating conditions	IP65 (DIN EN 60529), -30 to +50 °C/-22 to +122 °F
Dimensions	diam. x H: 16 x 5 cm
Weight	about 450 g

Note: Q25M & MxAnalytics

The integrated MxAnalytics video analysis software is no longer available in firmware releases 4.1.9.29 and higher. We are currently evaluating how to provide the functionality of MxAnalytics for the Q25M-Sec. This decision will be taken at the end of 2013 at the latest.