Hemispheric Camera Q24

MOBOTIX

Q24 with in-ceiling mount

Allround Easy. Allround Secure.

An elegant, ultra compact and weatherproof IP dome camera. Thanks to the 360° allround view to capture an entire room, a panorama function and a quad view to show images from four different angles simultaneously, the Q24 can be used in all new applications.

Original panorama image from Q24M

Mounted to a wall at 2.3 meters in a bank

High-Resolution 180° Panorama

Powerful performance in complete video solutions ...

- Complete panorama view, ideal for access control
- Quad view to show images from four different angles simultaneously
- Digital, continuous zooming and panning
- Robust and maintenance-free, without mechanically moving parts
- Event-controlled, complete room recording directly in the camera (4 GB MicroSD card incl.)
- Alarm function, speaker and microphone integrated

... starting at 598 €* incl. video management software

HiRes Video Innovations

The German company MOBOTIX AG is known as the leading pioneer in network camera technology and its decentralized concept has made high-resolution video systems cost efficient.

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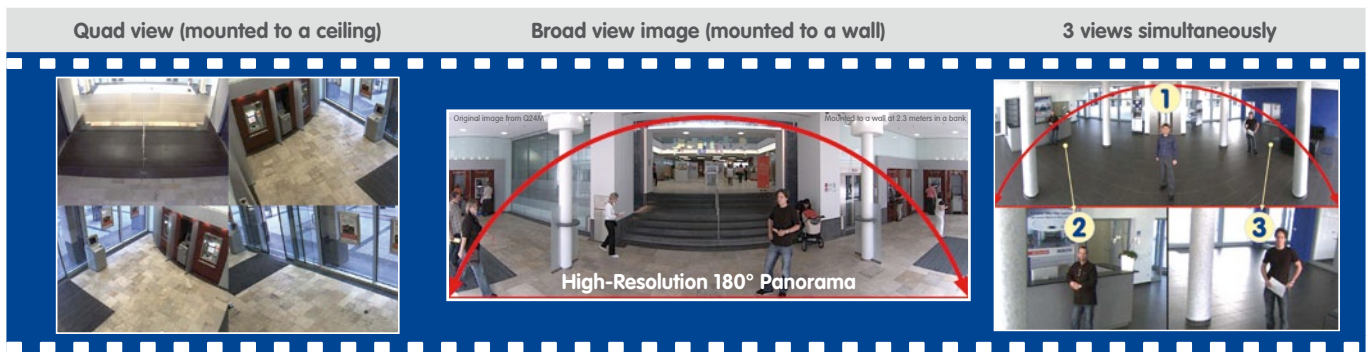
Technical Specifications Q24

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Technical Specifications Q24 Hemispheric

Models	Basic, Sec, Sec-Night		**Virtual PTZ**	Digital Pan/Tilt/Zoom, continuous 8x zoom
Lenses	L11 (hemispherical), L22 (90° x 67°)		**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
Sensitivity	Color: 1 lux (t=1/60 s), 0.05 lux (t=1/1 s) B/W: 0.1 lux (t=1/60 s), 0.005 lux (t=1/1 s)		**Audio**	Integrated microphone and speaker, lip-synchronous audio, two-way speaker, audio recording
Sensor	1/2" CMOS, progressive scan		**Interfaces**	Ethernet 10/100, USB, MxBus
Max. image resolution	Color: 2048 x 1536 (3MEGA), Black/White: 1280 x 960 (Mega)		**Video phone**	VoIP, SIP, two-way speaker, remote control via DTMF signaling, event notification
Image format	Free image format selection (from 160x120 to 2048x1536); with L11: PTZ view, Quad view, panorama broad view image, double panorama view, panorama focus with 3 views		**Security**	User-/Group management, HTTPS/SSL, IP address filter, IEEE 802.1x, intrusion detection, digital image signature
Max frame rate (M-JPEG) (Live/Recording)	VGA: 25 fps, TV-PAL: 18 fps, Mega: 8 fps, 3MEGA: 4 fps		**Certificates**	EMC (EN50121-4, EN55022, EN55024, EN61000-6-2, FCC part15B, AS/NZS3548)
Video stream (MxPEG) (Live/Recording/Audio)	VGA: 30 fps, TV-PAL: 30 fps, Mega: 30 fps, 3MEGA: 20 fps		**Power supply**	Power over Ethernet (IEEE 802.3af): PoE class variable depending on operating mode; power consumption; typ. 3 W; with PoE switch/MOBOTIX PoE - Adapter
Image compression	MxPEG, M-JPEG, JPEG, H.263 (only Video-VoIP)		**Operating conditions**	IP65 (DIN EN 60529), -30 to +60 °C (-22 to +140 °F)
Internal DVR	MicroSD slot (camera-internal video recording up to 32GB)		**Dimensions**	Ø x H: 16 x 5 cm, Weight: ca. 450 g
External storage	Directly on NAS and PC/Server without additional recording software		**Standard delivery**	Housing (high-resistance composites – PBT), white, incl. 360° lens, mounting parts, allen wrench, patch cable S/FTP yellow 8-wire 50 cm (double-shielded), manual, software, 4 GB MicroSD (except Basic)
Software (inclusive)	Video management software MxEasy, Control room software MxControlCenter			
Image processing	Backlight compensation, automatic white balance, image distortion correction (panorama image correction included), video sensor (motion detection)			

Technical information subject to change without notice!

Q24 Hemispheric — Available Accessories Q24 Hemispheric Camera

Standard Housing MX-Q24M-Sec	Vandalism Housing MX-Q24M-Sec-Vandal-ESMA	In-Ceiling-Set MX-OPT-IC	ExtIO Extension Module MX-ExtIO
• Hemispherical allround view 360° • For wall and ceiling mounting • Robust and maintenance-free, without mechanically moving parts	• Stainless steel vandalism housing incl. lens protection • Polished, matt	• In-Ceiling set incl. mounting parts • Easy mounting from front • 150 mm installation standard • Can be ordered with stainless steel cover (MX-OPT-IC-ESMA)	• Microphone/Speaker • PIR sensor for motion detection, temperature sensor • 2 signal inputs, 2 signal outputs, 2 illuminated buttons

Quad view (mounted to a ceiling)	Broad view image (mounted to a wall)	3 views simultaneously

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