Hemispheric Camera Q24

reddot design award
honourable mention 2009

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
- MxAnalytics: Heatmap, People Counting and fully automatic reports
- Alarm function, speaker and microphone integrated

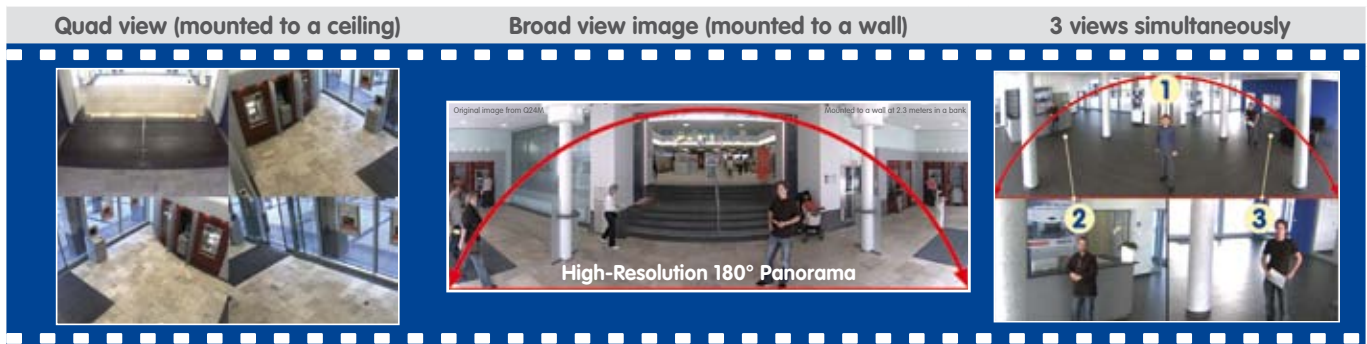### ... starting at $798* incl. video management software

Q24 – The Perfect Overview

The Q24 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.

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)		
Sensor	1/2" CMOS, progressive scan	**Audio**	Integrated microphone and speaker, lip-synchronous audio, two-way speaker, audio recording
Max. image resolution	Color: 2048 x 1536 (3MEGA), Black/White: 1280 x 960 (MEGA)	**Interfaces**	Ethernet 10/100, USB
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	**Video phone**	VoIP, SIP, two-way speaker, remote control via DTMF signaling, event notification
		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.264 (only Video-VoIP)		
Internal DVR	MicroSD slot (camera-internal video recording up to 64 GB)		
External storage	Directly on NAS and PC/Server without additional recording software	**Operating conditions**	IP65 (DIN EN 60529), -30 to +60 °C (-22 to +140 °F)
Software (inclusive)	Video management software MxEasy, Control room software MxControlCenter	**Dimensions**	Ø x H: 16 x 5 cm, Weight: ca. 450 g
		Standard delivery	Housing (high-resistance composites – PBT-PC), white, incl. 360° lens, mounting parts, allen wrench, patch cable - 50 cm, manual, software, 4 GB MicroSD (except Basic)
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	**In-Ceiling-Set** MX-OPT-IC	**ExtIO Extension Module** MX-ExtIO
• Hemispherical allround view 360° • For wall and ceiling mounting • White or black • 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 • Ø 150 mm installation dimension • White or black • 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
	 Original image from Q24M — Mounted to a wall at 2.3 meters in a bank **High-Resolution 180° Panorama**	

Q24 – Quad View

A Q24 can replace four cameras and simultaneously show images from 4 different angles on the monitor. Each of the four views has a virtual PTZ function and can be adjusted separately. With the Q24, MOBOTIX yet again demonstrates the innovative power that makes the company a market leader for megapixel video security systems.

www.mobotix.com