



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 mechanical moving parts
- Event-controlled, complete room recording directly in the camera (4 GB MicroSD card incl.)
- Alarm function, speaker and microphone integrated

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

\*MSRP (Manufacturer's suggested retail prices) • Prices ex-works Charlston, South Carolina (SC), USA (EXW) • Excluding VAT and any other handling charges • Information subject to change without notice! • © MOBOTIX AG

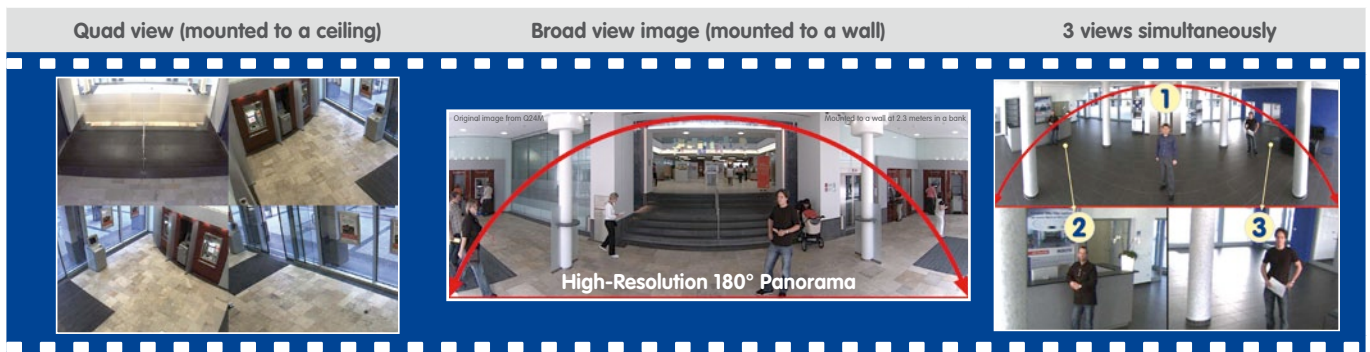
#### Q24 – The Perfect Overview

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

Technical information subject to change without notice.

Q24 Hemispheric		Available Accessories Q24 Hemispheric Camera	
<p><b>Standard Housing</b> MX-Q24M-Sec</p>  <ul style="list-style-type: none"> <li>Hemispherical allround view 360°</li> <li>For wall and ceiling mounting</li> <li>Robust and maintenance-free, without mechanically moving parts</li> </ul>	<p><b>Vandalism Housing</b> MX-Q24M-Sec-Vandal</p>  <ul style="list-style-type: none"> <li>Stainless steel vandalism housing incl. lens protection</li> <li>Polished, matt, powder-coated black</li> </ul>	<p><b>In-Ceiling-Set</b> MX-OPT-IC</p>  <ul style="list-style-type: none"> <li>In-Ceiling set incl. mounting parts</li> <li>Easy mounting from front</li> <li>150 mm installation standard</li> <li>Can be ordered with stainless steel cover (MX-OPT-IC-ESMA)</li> </ul>	<p><b>ExtIO Extension Module</b> MX-ExtIO</p>  <ul style="list-style-type: none"> <li>Microphone/Speaker</li> <li>PIR sensor for motion detection, temperature sensor</li> <li>2 signal inputs, 2 signal outputs, 2 illuminated buttons</li> </ul>



## 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.