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The HiRes Video Company



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.



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

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

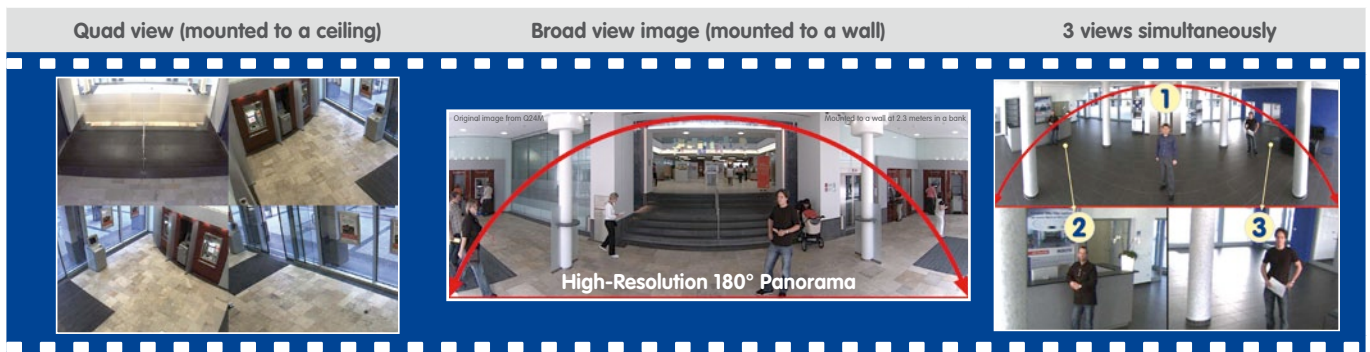


The HiRes Video Company **MOBOTIX**

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), 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)

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-ESMA</p>  <ul style="list-style-type: none"> <li>Stainless steel vandalism housing incl. lens protection</li> <li>Polished, matt</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>



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