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The HiRes Video Company



## 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.



### 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**

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



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# Technical Specifications Q24



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Technical Specifications Q24 Hemispheric	
<b>Models</b>	Basic, Sec
<b>Lenses</b>	L11 (hemispherical), L22 (90° x 67°)
<b>Sensitivity</b>	Color: 1 lux (t=1/60 sec), 0,05 lux (t=1/1 sec)
<b>Sensor</b>	1/2" CMOS, progressive scan
<b>Max. image resolution</b>	Color: 2048 x 1536 (3MEGA)
<b>Image format</b>	Free image format selection (from 160x120 to 2048x1536) 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: 22 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, JPG, H.263 (Video-VoIP-Telephony)
<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 2.1
<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
<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>	BGV C 9; EMC: DIN EN 61000, DIN EN 50155 (shock, vibration, temperature), FCC part 15B; CE
<b>Power supply</b>	Power over Ethernet (IEEE 802.3af): PoE class variable depending on operating mode; power consumption; typ. 4.5 W; with PoE switch/MOBOTIX PoE - Adapter
<b>Operating conditions</b>	IP65 (DIN EN 60529), -30° to +60 °C (-22°F 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 S/FTP yellow 8-wire 50 cm (double-shielded), manual, software, 4 GB MicroSD

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>• Matt, polished</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</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>

Quad view (mounted to a ceiling)	Broad view image (mounted to a wall)	3 views simultaneously
	 <p>Original image from Q24M. Mounted to a wall at 2.3 meters in a bank.</p> <p>high-resolution 180° panorama</p>	

## 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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