



reddot design award
honourable mention 2009

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

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.

Technical Specifications Q24 Hemispheric	
Models	Basic, Sec
Lenses	L11 (hemispherical), L22 (90° x 67°)
Sensitivity	Color: 1 lux (t=1/60 sec), 0,05 lux (t=1/1 sec)
Sensor	1/2" CMOS, progressive scan
Max. image resolution	Color: 2048 x 1536 (3MEGA)
Image format	Free image format selection (from 160x120 to 2048x1536) PTZ view, Quad view, panorama broad view image, double panorama view, panorama focus with 3 views
Max frame rate (M-JPEG) (Live/Recording)	VGA: 22 fps, TV-PAL: 18 fps, Mega: 8 fps, 3MEGA: 4 fps
Video stream (MxPEG) (Live/Recording/Audio)	VGA: 30 fps, TV-PAL: 30 fps, Mega: 30 fps, 3MEGA: 20 fps
Image compression	MxPEG, M-JPEG, JPG, H.263 (Video-VoIP-Telephony)
Internal DVR	MicroSD slot (camera-internal video recording up to 32GB)
External storage	Directly on NAS and PC/Server without additional recording software
Software (inclusive)	Video management software MxEasy, Control room software MxControlCenter 2.1
Image processing	Backlight compensation, automatic white balance, image distortion correction (panorama image correction included), video sensor (motion detection)
Virtual PTZ	Digital Pan/Tilt/Zoom, continuous 8x zoom
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
Audio	Integrated microphone and speaker, lip-synchronous audio, two-way speaker, audio recording
Interfaces	Ethernet 10/100, USB
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
Certificates	BGV C 9; EMC: DIN EN 61000, DIN EN 50155 (shock, vibration, temperature), FCC part 15B; CE
Power supply	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
Operating conditions	IP65 (DIN EN 60529), -30° to +60 °C (-22°F to +140°F)
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 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>Standard Housing MX-Q24M-Sec</p>  <ul style="list-style-type: none"> Hemispherical allround view 360° For wall and ceiling mounting Robust and maintenance-free, without mechanically moving parts 	<p>Vandalism Housing MX-Q24M-Sec-Vandal-ESMA</p>  <ul style="list-style-type: none"> Stainless steel vandalism housing incl. lens protection Matt, polished 	<p>In-Ceiling-Set MX-OPT-IC</p>  <ul style="list-style-type: none"> In-Ceiling set incl. mounting parts Easy mounting from front 150 mm installation standard Can be ordered with stainless steel cover 	<p>ExtIO Extension Module MX-ExtIO</p>  <ul style="list-style-type: none"> Microphone/speaker PIR sensor for motion detection, temperature sensor 2 signal inputs, 2 signal outputs, 2 illuminated buttons



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