



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 Q22 can be used in all new scenarios.



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
- Alarm function, speaker and microphone integrated

... starting at £458*

© MOBOTIX AG • MSRP (Manufacturer's suggested retail prices) • Prices ex-works Langmeil, Germany (EXW) • Excluding VAT and any other handling charges • Calculated at FXR 1EUR = 0,9194GBP, 21.01.2009
Information subject to change without notice!

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.

MOBOTIXAG • PegasusBusinessPark • CastleDonington, DE745TZ • Tel: +44(0)8448000657 • uk-sales@mobotix.com

Technical Specifications Q22 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 (3 Mega)
Image format	Free image format selection (from 160x120 to 2048x1536) PTZ view Quad view when mounted to a ceiling Panorama broad view image when mounted to a wall Panorama focus with 3 views
Max frame rate (M-JPEG) (Live/Recording)	VGA: 16 fps, TV-PAL: 12 fps, Mega: 6 fps, 3Mega: 4 fps
Video stream (MxPEG) (Live/Recording/Audio)	VGA: 30 fps, TV-PAL: 24 fps, Mega: 14 fps, 3Mega: 10 fps
Image compression	MxPEG, M-JPEG, JPG, H.263 (Video-VoIP-Telephony)
Internal DVR	Slot for SD card (up to 16 GB)
External storage	Directly on NAS and PC/Server without additional recording software
Software (inclusive)	Video-Management-Software MxEasy, Control room software MxControlCenter
Image processing	Backlight compensation, automatic white balance, image distortion correction, 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
Audio/Telephony	VoIP, SIP, two-way speaker, event notification
Security	User-/Group management, HTTPS/SSL, IP address filter, IEEE 802.1x, Intrusion Detection
Certificates	BGV C 9; EMC: DIN EN 61000, DIN EN 50155 (shock, vibration, temperature), FCC part 15B; CE
Power supply	Year-round Power over Ethernet (IEEE 802.3af; Class 0), Netpower-Adapter, typ. 4 W
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, shock proof polycarbonate dome (transparent), incl. 360° lens, mounting parts, allen wrench, patch cable S/FTP yellow 8-wire 50 cm (double-shielded), manual, software

Technical information subject to change without notice!

Q22 Hemispheric	Available Accessories Q22 Hemispheric Camera		
<p>Standard Housing MX-Q22M-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-Q22M-Sec-Vandal</p>  <ul style="list-style-type: none"> Stainless steel vandalism housing incl. lens protection Matt, polished or white, silver, black powder-coated 	<p>In-Ceiling-Set MX-D22M-OPT-IC</p>  <ul style="list-style-type: none"> In-Ceiling set incl. mounting parts Easy mounting from front 150 mm installation standard It 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 Integrated switch functions

Quad view (mounted to a ceiling)	Broad view image (mounted to a wall)	3 views simultaneously
	 <p>high-resolution 180° panorama</p>	

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