



More Camera For Less. Guaranteed!

The M24M series from MOBOTIX offers extremely compact, cost-effective and exceptionally powerful allround cameras with the widest range of lenses, including panorama version. Fully equipped with IP66-certified housing and long-term internal storage on a MicroSD card!



180°-Panorama with L11 lens

MOBOTIX HiRes video replaces up to 6 cameras ...

- Individual choice of lens: tele/wide-angle, day/night, CSVario and hemispheric (180°)
- Wide range of applications from 180°-panorama webcam to video security
- Fast, simple installation on wall, pole or ceiling
- Integrated DVR with HiRes video recording without network load
- Robust, low-maintenance and weatherproof from -30 to +60 °C (-22 to +140 °F), (IP66)
- Digital continuous zoom, pan and tilt
- Integrated microphone and speaker with improved sound quality

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 M24




The HiRes Video Company

Technical Specifications M24 Allround	
Models	IT, IT-Night, Sec, Sec-Night, Sec-CSVario, Sec-D11
Lenses	11 to 135 mm format, horizontal angle 180° to 15°
Sensitivity	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)
Sensor	1/2" CMOS, progressive scan
Max. image resolution	Color: 2048 x 1536 (3MEGA), Black/White: 1280 x 960 (Mega)
Image format	2048 x 1536, 1280 x 960, 1024 x 768, 800 x 600, 768 x 576 (D1), 704 x 576 (TV-PAL), 640 x 480, 384 x 288, 352 x 288, 320 x 240, 160 x 120; free image format selection (e.g. 1000 x 200 for skyline)
Max frame rate (M-JPEG) (Live/Recording)	VGA: 25 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, JPEG, H.263 (only Video-VoIP)
Internal DVR	Slot for MicroSD card (up to 32 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, external signal, 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, MxBus
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	EMC (EN55022, EN55024, EN61000-6-2, FCC part15B, AS/NZS3548)
Power supply	Power over Ethernet (IEEE 802.3af): PoE class variable depending on operating mode; power consumption: typ. 3 W; with PoE switch/injector
Operating conditions	IP66 (DIN EN 60529), -30 to +60 °C (-22 to +140 °F)
Dimensions (incl. wall mount)	WxDxL: 14 x 23 x 19 cm, Weight: ca. 750 g
Standard delivery	Weatherproof housing (reinforced composites - PBT), white, wall/ceiling mount, mounting parts, patch cable, manual, software, 4 GB MicroSD card

Technical information subject to change without notice.

M24 Allround	Available Accessories M24 Allround				
Standard Housing MX-M24M-Sec-D22  <ul style="list-style-type: none"> Allround camera with individual choice of lens Incl. wall/ceiling mount Simple installation with concealed cabling 	Pole Mount MX-MH-SecureFlex-ESWS  <ul style="list-style-type: none"> 3 mm stainless steel, white 2 stainless steel straps for pole diameter 60-180 mm, incl. mounting parts 	Glass Lens Cover MX-M24M-OPT-LCSG  <ul style="list-style-type: none"> Lens protection for extreme weather conditions Scratch-proof glass For all lenses with M14 thread 	PoE-Injector MX-NPA-PoE-Set  <ul style="list-style-type: none"> Power supply from electrical power and battery (12-42 V) For direct PC connection without a switch thanks to integrated crossover function 	Mx2wire Media Converter MX-2wire-Set-PW  <ul style="list-style-type: none"> Ethernet with PoE using two-wire cable Suitable for coaxial-cables, bell wires, power cables and more 	ExtIO Extension Module MX-ExtIO  <ul style="list-style-type: none"> Microphone/Speaker PIR sensor for motion detection, temperature sensor Switch in-/outputs

	L11 Fisheye 180°	L22 Super Wide Angle 90°	L32 Wide Angle 60°	L43 Wide Angle 45°	L65 Tele 31°	L135 Tele 15°	CSVario
Lenses							
	appr. 180° H x 160° V at 10m appr. endless x 110m	appr. 90° H x 67° V at 10m appr. 20.0 x 13.3m	appr. 60° H x 45° V at 10m appr. 11.5 x 8.2m	appr. 45° H x 34° V at 10m appr. 8.2 x 6.1m	appr. 31° H x 23° V at 10m appr. 5.5 x 4.0m	appr. 15° H x 11° V at 10m appr. 2.6 x 1.9m	appr. 73°-37° H x 158°-28° V at 10m appr. 14.8 - 6.7 x 11.1 - 5.0m

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