

Allround Camera M22



More Camera For Less. Guaranteed!

The professional and low-cost exchangeable-lens camera is suitable for indoor and outdoor use. Internal, digital video recorder with up to 8 GB of storage capacity and HiRes recording up to 3.1 megapixels. Over 30 times more detail than CIF!



MOBOTIX HiRes video replaces up to 6 cameras ...

- Individual choice of lens: tele/wide-angle, day/night
- Wide range of applications from webcam to video security
- Fast, simple installation on wall, mast 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), (IP65)
- Digital continuous zoom, pan and tilt
- Integrated microphone, speaker

M22 - The Robust All-Rounder

The attractively priced professional solution with exchangeable lenses for indoor and outdoor recording. The lenses can be freely selected: from super wide angle (90°) to telephoto lens (15°).

Technical Specifications M22








The HiRes Video Company

Technical Specifications M22 Allround	
Models	IT, IT-Night, Sec, Sec-Night, Sec-CSVario, Sec-R8
Lenses	22 to 135 mm format, horizontal angle 90° 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: 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	Internal flash recording up to 8 GB (optional)
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, Line-In/Line-Out, lip-synchronous audio, two-way speaker, audio recording
Interfaces	Ethernet 10/100, USB
Video/Telephony	VoIP, SIP, two-way speaker, remote controlling of the camera in- and outputs, 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. 2,5 W
Operating conditions	IP65 (DIN EN 60529), -30° to +60 °C (-22°F to +140°F)
Dimensions	WxDxL: 13,5 x 20 x 13 cm, Weight: ca. 600 g
Standard delivery	Weatherproof housing (reinforced composites - PBT-30GF), white, SecureFlex wall/ceiling mount with turn/tilt mount and concealed cabling, covers RJ45 wall outlets, incl. lens, Polycarbonate lens cover, mounting parts, allen wrench, patch cable, manual, software

Technical information subject to change without notice!

M22 Allround	Available Accessories M22 Allround				
Standard Housing MX-M22M-Sec-D22  <ul style="list-style-type: none"> Allround camera with individual choice of lens Incl. lens protection Fast, simple installation on wall, pole or ceiling 	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-M22M-OPT-LCSG  <ul style="list-style-type: none"> Lens protection for extreme weather conditions Scratch-proof glass For all lenses 	Power-Adapter-Set MX-NPA-Set-DE  <ul style="list-style-type: none"> Power supply over PoE All camera models (MX30V) 	Power-Box 4 Cameras MX-NPR-4  <ul style="list-style-type: none"> Power supply for top hat rail All camera models (MX30V) 	ExtIO Extension Module MX-ExtIO  <ul style="list-style-type: none"> Microphone/speaker PIR sensor for motion detection, temperature sensor Integrated switch functions

	L22 Super Wide Angle 90°	L32 Wide Angle 60°	L43 Wide Angle 45°	L65 Tele 31°	L135 Tele 15°
Lenses					
	approx. 90°H x 67°V at 10 m appr: 20.0 x 13.3 m	approx. 60°H x 45°V at 10 m appr: 11.5 x 8.2 m	approx. 45°H x 34°V at 10 m appr: 8.2 x 6.1 m	approx. 31°H x 23°V at 10 m appr: 5.5 x 4.0 m	approx. 15°H x 11°V at 10 m appr: 2.6 x 1.9 m

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