

# 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

... starting at 598 €\* incl. video management software

© MOBOTIX AG • 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!

#### 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	
<b>Models</b>	IT, IT-Night, Sec, Sec-Night, Sec-CSVario, Sec-R8
<b>Lenses</b>	22 to 135 mm format, horizontal angle 90° to 15°
<b>Sensitivity</b>	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)
<b>Sensor</b>	1/2" CMOS, progressive scan
<b>Max. image resolution</b>	Color: 2048 x 1536 (3Mega), Black/White: 1280 x 960 (Mega)
<b>Image format</b>	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)
<b>Max frame rate (M-JPEG) (Live/Recording)</b>	VGA: 16 fps, TV-PAL: 12 fps, Mega: 6 fps, 3Mega: 4 fps
<b>Video stream (MxPEG) (Live/Recording/Audio)</b>	VGA: 30 fps, TV-PAL: 24 fps, Mega: 14 fps, 3Mega: 10 fps
<b>Image compression</b>	MxPEG, M-JPEG, JPG, H.263 (Video-VoIP-Telephony)
<b>Internal DVR</b>	Internal flash recording up to 8 GB (optional)
<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
<b>Image processing</b>	Backlight compensation, automatic white balance, image distortion correction, 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, external signal, 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, Line-In/Line-Out, lip-synchronous audio, two-way speaker, audio recording
<b>Interfaces</b>	Ethernet 10/100, USB
<b>Video/Telephony</b>	VoIP, SIP, two-way speaker, remote controlling of the camera in- and outputs, event notification
<b>Security</b>	User-/Group management, HTTPS/SSL, IP address filter, IEEE 802.1x, Intrusion Detection
<b>Certificates</b>	BGV C 9; EMC: DIN EN 61000, DIN EN 50155 (shock, vibration, temperature), FCC part 15B; CE
<b>Power supply</b>	Year-round Power over Ethernet (IEEE 802.3af; Class 0), Netpower-Adapter, typ. 2,5 W
<b>Operating conditions</b>	IP65 (DIN EN 60529), -30° to +60 °C (-22°F to +140°F)
<b>Dimensions</b>	WxDxL: 13,5 x 20 x 13 cm, Weight: ca. 600 g
<b>Standard delivery</b>	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				
<b>Standard Housing</b> MX-M22M-Sec-D22  <ul style="list-style-type: none"> <li>Allround camera with individual choice of lens</li> <li>Incl. lens protection</li> <li>Fast, simple installation on wall, pole or ceiling</li> </ul>	<b>Pole Mount</b> MX-MH-SecureFlex-ESWS  <ul style="list-style-type: none"> <li>3 mm stainless steel, white</li> <li>2 stainless steel straps for pole diameter 60-180 mm, incl. mounting parts</li> </ul>	<b>Glass Lens Cover</b> MX-M22M-OPT-LCSG  <ul style="list-style-type: none"> <li>Lens protection for extreme weather conditions</li> <li>Scratch-proof glass</li> <li>For all lenses</li> </ul>	<b>Power-Adapter-Set</b> MX-NPA-Set-DE  <ul style="list-style-type: none"> <li>Power supply over PoE</li> <li>All camera models (MX30V)</li> </ul>	<b>Power-Box 4 Cameras</b> MX-NPR-4  <ul style="list-style-type: none"> <li>Power supply for top hat rail</li> <li>All camera models (MX30V)</li> </ul>	<b>ExtIO Extension Module</b> MX-ExtIO  <ul style="list-style-type: none"> <li>Microphone/speaker</li> <li>PIR sensor for motion detection, temperature sensor</li> <li>Integrated switch functions</li> </ul>

	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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