

# MonoDome Camera D24



## Fits In. Watches Out.

Inconspicuous surveillance with state-of-the-art technology. The D24 FixDome from MOBOTIX adapts perfectly to any task. Exchangeable lenses, various mounting and configuration options including vandalism set support unlimited application possibilities.



### MOBOTIX HiRes video replaces up to 6 cameras ...

- Attractively designed FixDome camera featuring exchangeable lenses from Tele to Wide Angle
- Numerous installation options both indoor and outdoor
- On-wall set with space for extension modules (battery, UMTS, WLAN, etc.)
- Integrated DVR with HiRes video recording (4 GB MicroSD card incl.)
- Robust, low-maintenance and weatherproof from -30 to +60 °C (-22 to +140 °F), (IP65)
- Digital continuous zoom, pan and tilt
- Can be upgraded to an intercom system with the MOBOTIX ExtIO module

**... starting at £398\* 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 • Calculated at FXR 1EUR = 0,9087GBP, 28.10.2009  
Information subject to change without notice!

#### D24 – Compact, Cost-Efficient And With High Resolution

The many, easy-to-replace lens options of the D24 provide a tailored solution for different types of applications. A robust dome camera (IP65) with optional vandal-proof, wall-mount and in-ceiling installation sets.

# Technical Specifications D24



The HiRes Video Company

Technical Specifications D24 MonoDome	
<b>Models</b>	Basic, IT, IT-Night, Sec, Sec-Night
<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), B/W: 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: 25 fps, TV-PAL: 18 fps, MEGA: 8 fps, 3MEGA: 4 fps
<b>Video stream (MxPEG) (Live/Recording/Audio)</b>	VGA: 30 fps, TV-PAL: 30 fps, MEGA: 30 fps, 3MEGA: 20 fps
<b>Image compression</b>	MxPEG, M-JPEG, JPEG, H.263 (only Video-VoIP)
<b>Internal DVR</b>	MicroSD slot (camera-internal video recording up to 32GB)
<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>	Optional via ExtIO, lip-synchronous audio, two-way speaker, audio recording, video VoIP supported
<b>Interfaces</b>	Ethernet 10/100, USB, MxBus
<b>Video phone</b>	VoIP, SIP, two-way speaker, remote control via DTMF signaling, event notification
<b>Security</b>	User-/Group management, HTTPS/SSL, IP address filter, IEEE 802.1x, intrusion detection, digital image signature
<b>Certificates</b>	EMC (EN50121-4, EN55022, EN55024, EN61000-6-2, FCC part15B, AS/NZS3548)
<b>Power supply</b>	Power over Ethernet (IEEE 802.3af): PoE class variable depending on operating mode; power consumption: typ. 3 W; with PoE switch/MOBOTIX PoE adapter
<b>Operating conditions</b>	IP65 (DIN EN 60529), -30 to +60 °C (-22 to +140 °F)
<b>Dimensions</b>	Ø x H: 16 x 8.6 cm, Weight: ca. 350 g
<b>Standard delivery</b>	Housing (high-resistance composites – PBT), white, shockproof polycarbonate dome (transparent), free choice of lenses, mounting parts, allen wrench, patch cable - 50 cm, manual, software, 4 GB MicroSD (except Basic)

Technical information subject to change without notice.

Available Accessories D24 MonoDome					
<b>In-Ceiling Set</b> MX-OPT-IC  <ul style="list-style-type: none"> <li>Consists of in-ceiling mount and mounting parts</li> <li>Easy mounting from front</li> <li>Ø 150 mm installation dimension</li> <li>It can be ordered with stainless steel cover</li> </ul>	<b>On-Wall Set</b> MX-OPT-AP  <ul style="list-style-type: none"> <li>Consists of On-Wall mount and mounting parts</li> <li>Protects the cabling</li> <li>165 mm x 37 mm</li> </ul>	<b>Vandalism Set</b> MX-D24M-Vandal-ESMA  <ul style="list-style-type: none"> <li>Reinforced dome (3 mm Polyc.)</li> <li>Stainless steel vandalism housing in polished, matt or in powder-coated white, silvergray or black</li> </ul>	<b>Outdoor Wall Mount</b> MX-OPT-WH  <ul style="list-style-type: none"> <li>Weatherproof (IP65)</li> <li>Covers RJ45 wall outlets</li> <li>Space for expansion modules (WLAN)</li> </ul>	<b>Pole Mount</b> MX-OPT-MH  <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>ExtIO Extension Module</b> MX-ExtIO  <ul style="list-style-type: none"> <li>Microphone/Speaker</li> <li>PIR sensor for motion deflection, temperature sensor</li> <li>2 signal inputs, 2 signal outputs, 2 illuminated buttons</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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