



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

*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
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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 D24



The HiRes Video Company

Technical Specifications D24 MonoDome	
Models	Basic, IT, IT-Night, Sec, Sec-Night
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), B/W: 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, JPG, H.263 (Video-VoIP-Telephony)
Internal DVR	MicroSD slot (camera-internal video recording up to 32GB)
External storage	Directly on NAS and PC/Server without additional recording software
Software (inclusive)	Video management software MxEasy, Control room software MxControlCenter 2.1
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	Optional via ExtIO, lip-synchronous audio, two-way speaker, audio recording, video VoIP supported
Interfaces	Ethernet 10/100, USB
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	BGV C 9; EMC: DIN EN 61000, DIN EN 50155 (shock, vibration, temperature), FCC part 15B; CE
Power supply	Power over Ethernet (IEEE 802.3af): PoE class variable depending on operating mode; power consumption: typ. 3 W; with PoE switch/MOBOTIX PoE adapter
Operating conditions	IP65 (DIN EN 60529), -30° to +60 °C (-22°F to +140°F)
Dimensions	Ø x H: 16 x 8,6 cm, Weight: ca. 350 g
Standard delivery	Housing (high-resistance composites - PBT-PC), white, shockproof polycarbonate dome (transparent), free choice of lenses, mounting parts, allen wrench, patch cable, manual, software, 4 GB MicroSD

Technical information subject to change without notice!

Available Accessories D24 MonoDome

In-Ceiling Set MX-OPT-IC	On-Wall Set MX-OPT-AP	Vandalism Set MX-D24M-Vandal-ESMA	Outdoor Wall Mount MX-OPT-WH	Pole Mount MX-OPT-MH	ExtIO Extension Module MX-ExtIO
					
<ul style="list-style-type: none"> Consists of in-ceiling mount and mounting parts Easy mounting from front Ø 150 mm installation dimension It can be ordered with stainless steel cover 	<ul style="list-style-type: none"> Consists of On-Wall mount and mounting parts Protects the cabling 165 mm x 37 mm 	<ul style="list-style-type: none"> Reinforced dome (3 mm Polyc.) Stainless steel vandalism housing polished or matt, in white, silvergray or black 	<ul style="list-style-type: none"> Weatherproof (IP65) Covers RJ45 wall outlets Space for expansion modules (WLAN) 	<ul style="list-style-type: none"> 3 mm stainless steel, white 2 stainless steel straps for pole diameter 60-180 mm, incl. mounting parts 	<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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