MonoDome Camera D24

90° room surveillance

3 elevators in an overview

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.

HiRes Video

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 448 €* incl. video management software

*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! • © MOBOTIX AG

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.

The HiRes Video Company

MOBOTIX

Technical Specifications D24 MonoDome

Models	Basic, IT, IT-Night, Sec, Sec-Night	**Virtual PTZ**	Digital Pan/Tilt/Zoom, continuous 8x zoom
Lenses	22 to 135 mm format, horizontal angle 90° to 15°	**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
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)	**Audio**	Optional via ExtIO, lip-synchronous audio, two-way speaker, audio recording, video VoIP supported
Sensor	1/2" CMOS, progressive scan	**Interfaces**	Ethernet 10/100, USB, MxBus
Max. image resolution	Color: 2048 x 1536 (3MEGA), B/W: 1280 x 960 (MEGA)	**Video phone**	VoIP, SIP, two-way speaker, remote control via DTMF signaling, event notification
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)	**Security**	User-/Group management, HTTPS/SSL, IP address filter, IEEE 802.1x, intrusion detection, digital image signature
Max frame rate (M-JPEG) (Live/Recording)	VGA: 25 fps, TV-PAL: 18 fps, MEGA: 8 fps, 3MEGA: 4 fps	**Certificates**	EMC (EN50121-4, EN55022, EN55024, EN61000-6-2, FCC part15B, AS/NZS3548)
Video stream (MxPEG) (Live/Recording/Audio)	VGA: 30 fps, TV-PAL: 30 fps, MEGA: 30 fps, 3MEGA: 20 fps	**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
Image compression	MxPEG, M-JPEG, JPEG, H.263 (only Video-VoIP)		
Internal DVR	MicroSD slot (camera-internal video recording up to 32GB)	**Operating conditions**	IP65 (DIN EN 60529), -30 to +60 °C (-22 to +140 °F)
External storage	Directly on NAS and PC/Server without additional recording software	**Dimensions**	Ø x H: 16 x 8.6 cm, Weight: ca. 350 g
Software (inclusive)	Video management software MxEasy, Control room software MxControlCenter	**Standard delivery**	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)
Image processing	Backlight compensation, automatic white balance, image distortion correction, video sensor (motion detection)		

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
• 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	• Consists of On-Wall mount and mounting parts • Protects the cabling • 165 mm x 37 mm	• Reinforced dome (3 mm Polyc.) • Stainless steel vandalism housing in polished, matt or in powder-coated white, silvergray or black	• Weatherproof (IP65) • Covers RJ45 wall outlets • Space for expansion modules (WLAN)	• 3 mm stainless steel, white • 2 stainless steel straps for pole diameter 60-180 mm, incl. mounting parts	• Microphone/Speaker • PIR sensor for motion detection, temperature sensor • 2 signal inputs, 2 signal outputs, 2 illuminated buttons

Lenses

L22 Super Wide Angle 90°	L32 Wide Angle 60°	L43 Wide Angle 45°	L65 Tele 31°	L135 Tele 15°
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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