DualDome Camera D14

High frame rates up
to 30 fps (Mega)

MiniUSB interface
for extensions

HiRes double image
up to 6 megapixels

MxBus interface
for additional modules

4 GB MicroSD integrated
(expandable up to 64 GB)

PoE class
adjustable & variable

One camera, two lenses.
Seeing more is just not possible.

D14D DualDome original image: Tele lens (left) and wide angle lens (right) – at the same time in one image

MOBOTIX HiRes video replaces up to 6 cameras ...

- individual choice of lenses: tele/wide-angle, day/night, 180° panorama function
- integrated DVR (up to 64 GB) stores up to 520,000 HiRes images (6 days with 1 fps)
- simple installation with only one network cable (data & power/PoE)
- continuous digital pan, tilt and zoom (virtual PTZ function)
- highest audio quality thanks to new codec and echo elimination
- optimized interfaces: MxBus and MiniUSB for e.g. UMTS and GPS
- robust, maintenance-free, IP65 weatherproof, from -30 to +60 °C (-22 to +140 °F)

... starting at $1,328* incl. video management software

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*MSRP (Manufacturer's suggested retail prices) • Prices ex-works Charleston, South Carolina (SC), USA (EXW) • Excluding VAT and any other handling charges • Calculated at FXR 1EUR = 1,4857USD, 28.10.2009
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D14 – Attractive Fixed Dome With Two Lenses

Two lenses, two HiRes image sensors, up to 64 GB internal storage and a dual image of a maximum of 6 mega-pixels make the D14D DualDome an efficient security solution: It is possible to secure two different areas using just one camera. All without vulnerable mechanical components!

Technical Specifications D14

The HiRes Video Company   **MOBOTIX**

Technical Specifications D14 DualDome

Models	IT, Sec, Sec-180°, Sec-Night-180°, Sec-DayNight	**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, PIR, notification over email, FTP, IP telephony (VoIP, SIP), signal output, 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)		
2 Sensors	2 x 1/2" CMOS, progressive scan		
Max. image resolution	Color: 2048 x 1536 (3MEGA), Black/White: 1280 x 960 (MEGA)	**Audio**	Integrated microphone and speaker, Line-In/Line-Out, lip-synchronous audio, two-way speaker, audio recording
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)	**Interfaces**	Ethernet 10/100, RS232 (via MxPatchBox), MiniUSB, MxBus
		Video phone	VoIP, SIP, two-way speaker, remote control via DTMF signaling, event notification
Max frame rate (M-JPEG) (Live/Recording)	VGA: 25 fps, MEGA: 12 fps, 3MEGA: 4 fps	**Security**	User-/Group management, HTTPS/SSL, IP address filter, IEEE 802.1x, intrusion detection, digital image signature
Video stream (MxPEG) (Live/Recording/Audio)	VGA: 30 fps, MEGA: 30 fps, 3MEGA: 20 fps	**Certificates**	EMC (EN55022, EN55024, EN61000-6-2, FCC part15B, AS/NZS3548)
Image compression	MxPEG, M-JPEG, JPEG, H.264 (only Video-VoIP)	**Power supply**	Power over Ethernet (IEEE 802.3af; Class 0), Netpower-Adapter, typ. 4 W
Internal DVR	Slot for MicroSD card (up to 64 GB)		
External storage	Directly on NAS and PC/Server without additional recording software	**Operating conditions**	IP54/IP65 (without/with wall mount), -30 to +60 °C (-22 to +140 °F)
		Dimensions	Ø x H: 20.1 x 11 cm, Weight: ca. 650 g
Software (inclusive)	Video management software MxEasy, Control room software MxControlCenter	**Standard delivery**	Housing (high-resistance composites – PBT-PC), white, shockproof polycarbonate dome (transparent), mounting parts, allen wrench, patch cable - 50 cm, manual, software
Image processing	Backlight compensation, automatic white balance, image distortion correction, video sensor (motion detection)		

Technical information subject to change without notice!

D14 DualDome | Available Accessories D14 DualDome

Standard Housing MX-D14Di-Sec	**Vandalism Set** MX-D14D-Vandal-Kit	**Wall Mount** MX-WH-Dome	**Pole and Corner Mount** MX-MH-Dome-ESWS	**PoE-Injector** MX-NPA-PoE-Set	**RS232 interface** MX-232-IO-Box
• FixDome camera with two independent, individually adjustable image sensors • Simultaneously records an entire room & selected details	• Dome (3 mm Polyc.) • Stainless steel vandalism housing in polished, matt or in powder-coated white, silvergray or black	• Weatherproof (IP65) for D14-DualDome • Covers up RJ45 outlets and Outdoor PatchBox • Space for expansion modules (WLAN)	• 3 mm stainless steel, white • 2 stainless steel straps for pole diameter 60-180 mm, incl. mounting parts	• Power supply from electrical power and battery (12–42 V) • For direct PC connection without a switch thanks to integrated crossover function	• For connecting external sensors • Switching external devices (e.g., gate, light, etc.) • RS232 interface for the camera

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

Lenses

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