



Twice As Sharp. Twice As Smart.

With two lenses and two HiRes image sensors, the D12 is a highly specialized security solution. Monitoring and securing two separate room areas simultaneously is possible with just one single camera. All this without error-prone mechanical parts!



MOBOTIX HiRes video replaces up to 6 cameras ...

- FixDome camera with two independent, individually adjustable image sensors
- Simultaneously records an entire room and selected details
- Individual choice of lens: tele/wide-angle, day/night, 180° panorama function
- Integrated DVR with HiRes video recording without network load
- Robust, low-maintenance and weatherproof from -30 to +60 °C (-22 to +140 °F)
- Digital, continuous zoom, pan and tilt
- Integrated microphone, speaker and PIR motion detector

... starting at 998 €* 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

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.

MOBOTIX AG • D-67722 Langmeil • Tel: +49 6302 9816-103 • Fax: +49 6302 9816-190 • sales@mobotix.com

Technical Specifications D12



The HiRes Video Company

Technical Specifications D12 DualDome	
Models	IT, IT-DNIGHT, Sec, Sec-DNIGHT, Sec-180°, Sec-R16
Lenses	22 to 135 mm format, horizontal angle 90° to 15°
Sensitivity	Color: 1 lux (f=1/60 s), 0.05 lux (f=1/1 s) B/W: 0.1 lux (f=1/60 s), 0.005 lux (f=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)
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: 16 fps, TV-PAL: 12 fps, Mega: 6 fps, 3MEGA: 4 fps
Video stream (MxPEG) (Live/Recording/Audio)	VGA: 30 fps, TV-PAL: 24 fps, Mega: 14 fps, 3MEGA: 10 fps
Image compression	MxPEG, M-JPEG, JPEG, H.263 (only Video-VoIP)
Internal DVR	SD card (up to 32 GB), 16 GB internal (Sec-R16)
External storage	Directly on NAS and PC/Server without additional recording software
Software (inclusive)	Video management software MxEasy, Control room software MxControlCenter
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	Integrated microphone and speaker, Line-In/Line-Out, lip-synchronous audio, two-way speaker, audio recording
Interfaces	Ethernet 10/100, ISDN, RS232, 3 x In, 1 x Out
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	EMC (EN55022, EN55024, EN61000-6-2, FCC part15B, AS/NZS3548)
Power supply	Power over Ethernet (IEEE 802.3af; Class 0), Netpower-Adapter, typ. 4 W
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
Standard delivery	Housing (high-resistance composites – PBT-PC), white, shockproof polycarbonate dome (transparent), free choice of 2 lens modules, mounting parts, allen wrench, patch cable, manual, software

Technical information subject to change without notice.

D12 DualDome	Available Accessories D12 DualDome				
Standard Housing MX-D12Di-Sec  <ul style="list-style-type: none"> FixDome camera with two independent, individually adjustable image sensors Simultaneously records an entire room & selected details 	Vandalism Set MX-D12D-Vandal-Kit  <ul style="list-style-type: none"> Dome (3 mm Polyc.) Stainless steel vandalism housing in polished or matt, white, silvergray or black 	Wall Mount MX-WH-Dome  <ul style="list-style-type: none"> Weatherproof (IP65) for D12-DualDome Covers up RJ45 outlets Space for expansion modules (WLAN) 	Pole and Corner Mount MX-D12D-OPT-WHMH-Set  <ul style="list-style-type: none"> 3 mm stainless steel, white 2 stainless steel straps for pole diameter 60-180 mm, incl. mounting parts 	Power-Adapter-Set MX-NPA-Set-DE  <ul style="list-style-type: none"> Power supply via Ethernet (MX30V) 	ExtIO Extension Module MX-ExtIO  <ul style="list-style-type: none"> Microphone/Speaker PIR sensor for motion detection, temperature sensor Switch in-/outputs

	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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