



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), (IP65)
- Digital, continuous zoom, pan and tilt
- Integrated microphone, speaker and PIR motion detector

... starting at \$1198* incl. video management software

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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.

MOBOTIX CORP • Manhattan (NY) • Phone: 888-MOBOTIX (662 6849) • us-sales@mobotix.com • Made in Germany

Technical Specifications D12



The HiRes Video Company

Technical Specifications D12 DualDome	
Models	IT, IT-DNight, Sec, Sec-DNight, Sec-180°, Sec-R8
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, JPG, H.263 (Video-VoIP-Telephony)
Internal DVR	Slot for SD card (up to 16 GB)
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, USB, ISDN, RS232, 1 x In, 1 x Out, Audio Line-In/Line-Out
Audio/Telephony	VoIP, SIP, two-way speaker, remote controlling of the camera in- and outputs, event notification
Security	User-/Group management, HTTPS/SSL, IP address filter, IEEE 802.1x, Intrusion Detection
Certificates	BGV C 9; EMC: DIN EN 61000, DIN EN 50155 (shock, vibration, temperature), FCC part 15B; CE
Power supply	Year-round Power over Ethernet (IEEE 802.3af; Class 0), Netpower-Adapter, typ. 4 W
Operating conditions	IP65 (DIN EN 60529), -30° to +60 °C (-22°F 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 Po-lyc.) 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 over PoE All camera models (MX30V) 	ExtIO Extension Module MX-ExtIO  <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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