



## 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 998 €\* incl. video management software

### 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-67657 Kaiserslautern • Tel: +49-631-3033-103 • Fax: +49-631-3033-190 • [sales@mobotix.com](mailto:sales@mobotix.com)

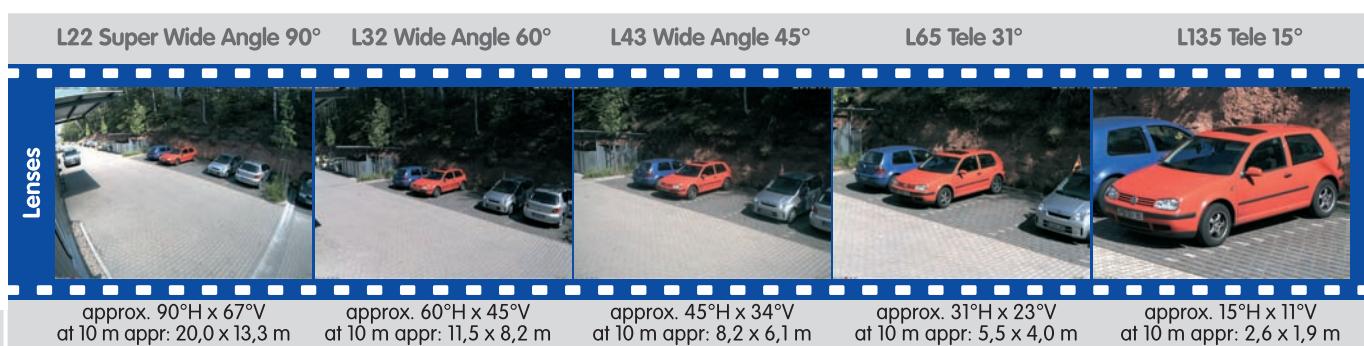
HiRes	<b>3 Megapixel</b> 2048 x 1536 software zoom
Skyline	<b>Format free</b> each image format freely definable
30 Frames/s	<b>VGA (640 x 480)</b> 12 F/s Mega
Virtual PTZ	digital pan, tilt, zoom
Backlight	safe using CMOS without mechanical iris
Internal DVR	internal via SD card, external via Network
Win/Lin/Mac	<b>Recording</b> via Network on PC up to 1 Terabyte
microphone & speaker	<b>Audio</b> bi-directional via IP, variable framerates
SIP-Client with video	<b>IP-Telephony</b> alarm notify, cam remote control
-22°F ... +140°F	<b>Video motion</b> multiple windows precision pixel-based
-22°F ... +140°F	<b>Weatherproof</b> -30° ... +60°C, IP65 no heating necessary
IEEE 802.3af	<b>PoE</b> network power even in winter
Robust	<b>no moving parts</b> fiber glass housing
MXCC	<b>Licence free</b> Video-Management- Software

### Technical Specifications D12 DualDome

<b>Models</b>	IT, IT-DNight, Sec, Sec-DNight, Sec-180°, Sec-R8	<b>Virtual PTZ</b>	Digital Pan/Tilt/Zoom, continuous 8x zoom
<b>Lenses</b>	22 to 135 mm format, horizontal angle 90° to 15°	<b>Alarm/Events</b>	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
<b>Sensitivity</b>	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)	<b>Audio</b>	Integrated microphone and speaker, Line-In/Line-Out, lip-synchronous audio, two-way speaker, audio recording
<b>2 Sensors</b>	2x 1/2" CMOS, progressive scan	<b>Interfaces</b>	Ethernet 10/100, ISDN, USB, RS232, 1 x In, 1 x Out, Audio (Line-In/Line-Out)
<b>Max. image resolution</b>	Color: 2048 x 1536 (3Mega), Black: 1280 x 960 (Mega)	<b>Audio/Telephony</b>	VoIP, SIP, two-way speaker, remote controlling of the camera in- and outputs, event notification
<b>Image format</b>	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)	<b>Security</b>	User-/Group management, HTTPS/SSL, IP address filter, IEEE 802.1x, Intrusion Detection
<b>Max. frame rate (M-JPEG)</b>	VGA: 16 fps, TV-PAL: 12 fps, Mega: 6 fps, 3Mega: 4 fps (Live/Recording)	<b>Certificates</b>	BGV C9 ("UVV"), EMV (living environments, industry), EN 50155 (shock, vibration, temperature), CE, FCC
<b>Max. Video stream (MJPEG)</b>	VGA: 30 fps, TV-PAL: 24 fps, Mega: 14 fps, 3Mega: 10 fps (Live/Recording/Audio)	<b>Power supply</b>	Year-round Power over Ethernet (IEEE 802.3af; Class 0), Netpower-Adapter, typ. 4 W
<b>Image compression</b>	MJPEG, M-JPEG, JPG, H.263 (Video-VoIP-Telephony)	<b>Operating conditions</b>	IP65 (DIN EN 60529), -30° to +60 °C (-22°F to +140°F)
<b>Internal DVR</b>	Slot for SD card (up to 16 GB)	<b>Dimensions</b>	Ø x H: 20,1 x 11 cm, Weight: ca. 650 g
<b>External storage</b>	Directly on NAS and PC/Server without additional recording software	<b>Standard Delivery</b>	Housing (high-resistance composites - PBT-PC), white, 2 x shockproof polycarbonate dome (1 transparent, 1 tinted), free choice of 2 lens modules, mounting parts, allen wrench, patch cable, manual, software
<b>Software (inclusive)</b>	Video-Management-Software MxEasy, Control room software MxControlCenter		
<b>Image processing</b>	Backlight compensation, automatic white balance, image distortion correction, video sensor (motion detection)		

Technical information subject to change without notice!

D12 DualDome		Available Accessories D12 DualDome				
<b>Standard Housing</b> MX-D12Di-Sec		<b>Vandalism Set</b> MX-D12D-Vandal-Kit		<b>Wall Mount</b> MX-WH-Dome		<b>Pole and Corner Mount</b> MX-D12D-OPT-WHMH-Set
• 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 or matt, white, silvergray or black	• Weatherproof (IP65) for D12-DualDome • Covers up RJ45 outlets • 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 over PoE • All camera models (MX30V)	• Microphone/speaker • PIR sensor for motion detection, temperature sensor • Integrated switch functions	
<b>ExtIO Extension Module</b> MX-ExtIO						



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