



## 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

HiRes  
**3 Megapixel**  
 2048 x 1536  
 software zoom

Skyline  
**Format free**  
 each image format  
 freely definable

**30 Frames/s**  
 VGA (640 x 480)  
 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  
**Recording**  
 via Network on PC  
 up to 1 Terabyte

microphone & speaker  
**Audio**  
 bi-directional via IP,  
 variable framerates

SIP-Client with video  
**IP-Telephony**  
 alarm notify,  
 cam remote control

**Video motion**  
 multiple windows  
 precision pixel-based

-22°F ... +140°F  
**Weatherproof**  
 -30° ... +60°C, IP65  
 no heating necessary

IEEE 802.3af  
**PoE**  
 network power  
 even in winter

**Robust**  
 no moving parts  
 fiber glass housing

MxCC  
**Licence free**  
 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 (Australia)

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Australian Certified Installer/Partner:

### CCTV Hire Pty Ltd

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## 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 (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)	<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 (MxPEG)</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 (IEE 802.3af; Class 0), Netpower-Adapter, typ. 4 W
<b>Image compression</b>	MxPEG, 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  <ul style="list-style-type: none"> <li>• FixDome camera with two independent, individually adjustable image sensors</li> <li>• Simultaneously records an entire room &amp; selected details</li> </ul>	<b>Vandalism Set</b> MX-D12D-Vandal-Kit  <ul style="list-style-type: none"> <li>• Dome (3 mm Polyc.)</li> <li>• Stainless steel vandalism housing in polished or matt, white, silvergray or black</li> </ul>	<b>Wall Mount</b> MX-WH-Dome  <ul style="list-style-type: none"> <li>• Weatherproof (IP65) for D12-DualDome</li> <li>• Covers up RJ45 outlets</li> <li>• Space for expansion modules (WLAN)</li> </ul>	<b>Pole and Corner Mount</b> MX-D12D-OPT-WHMH-Set  <ul style="list-style-type: none"> <li>• 3 mm stainless steel, white</li> <li>• 2 stainless steel straps for pole diameter 60-180 mm, incl. mounting parts</li> </ul>	<b>Power Adapter Set</b> MX-NPA-Set-DE  <ul style="list-style-type: none"> <li>• Power supply over PoE</li> <li>• All camera models (MX30V)</li> </ul>	<b>ExtIO Extension Module</b> MX-ExtIO  <ul style="list-style-type: none"> <li>• Microphone/speaker</li> <li>• PIR sensor for motion detection, temperature sensor</li> <li>• Integrated switch functions</li> </ul>
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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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