

# DualDome Camera D12



## 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

#### D12 - Elegant FixDome With Two Lenses

The D12 can be used to simultaneously monitor different room areas using the two independent and separately positionable lenses. For example, one lens could be pointed at the entrance of a building while the other lens keeps an eye on the elevators.

# Technical Specifications D12



The HiRes Video Company

Technical Specifications D12 DualDome	
<b>Models</b>	IT, IT-DNight, Sec, Sec-DNight, Sec-180°, Sec-R8
<b>Lenses</b>	22 to 135 mm format, horizontal angle 90° to 15°
<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>2 Sensors</b>	2 x 1/2" CMOS, progressive scan
<b>Max. image resolution</b>	Color: 2048 x 1536 (3Mega), Black/White: 1280 x 960 (Mega)
<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>Max frame rate (M-JPEG) (Live/Recording)</b>	VGA: 16 fps, TV-PAL: 12 fps, Mega: 6 fps, 3Mega: 4 fps
<b>Video stream (MxPEG) (Live/Recording/Audio)</b>	VGA: 30 fps, TV-PAL: 24 fps, Mega: 14 fps, 3Mega: 10 fps
<b>Image compression</b>	MxPEG, M-JPEG, JPG, H.263 (Video-VoIP-Telephony)
<b>Internal DVR</b>	Slot for SD card (up to 16 GB)
<b>External storage</b>	Directly on NAS and PC/Server without additional recording 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)
<b>Virtual PTZ</b>	Digital Pan/Tilt/Zoom, continuous 8x zoom
<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>Audio</b>	Integrated microphone and speaker, Line-In/Line-Out, lip-synchronous audio, two-way speaker, audio recording
<b>Interfaces</b>	Ethernet 10/100, USB, ISDN, RS232, 1 x In, 1 x Out, Audio Line-In/Line-Out
<b>Video/Telephony</b>	VoIP, SIP, two-way speaker, remote controlling of the camera in- and outputs, event notification
<b>Security</b>	User-/Group management, HTTPS/SSL, IP address filter, IEEE 802.1x, Intrusion Detection
<b>Certificates</b>	BGV C 9; EMC: DIN EN 61000, DIN EN 50155 (shock, vibration, temperature), FCC part 15B; CE
<b>Power supply</b>	Year-round Power over Ethernet (IEEE 802.3af; Class 0), Netpower-Adapter, typ. 4 W
<b>Operating conditions</b>	IP65 (DIN EN 60529), -30° to +60 °C (-22°F to +140°F)
<b>Dimensions</b>	Ø x H: 20,1 x 11 cm, Weight: ca. 650 g
<b>Standard delivery</b>	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				
<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>

	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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