

# DualDome Camera D14



**One camera, two lenses.  
Seeing more is just not possible.**



D14D DualDome original image: Tele lens (left) and wide angle lens (right) – at the same time in one image

## MOBOTIX HiRes video replaces up to 6 cameras ...

- individual choice of lenses: tele/wide-angle, day/night, 180° panorama function
- integrated DVR (up to 64 GB) stores up to 520,000 HiRes images (6 days with 1 fps)
- simple installation with only one network cable (data & power/PoE)
- continuous digital pan, tilt and zoom (virtual PTZ function)
- highest audio quality thanks to new codec and echo elimination
- optimized interfaces: MxBus and MiniUSB for e.g. UMTS and GPS
- robust, maintenance-free, IP65 weatherproof, from -30 to +60 °C (-22 to +140 °F)

**... the powerful complete video system starting from \$1,328\***

\*MSRP (Manufacturer's suggested retail prices) • Prices ex-works Charleston, South Carolina (SC), USA (EXW) • Excluding VAT and any other handling charges • Information subject to change without notice! • © MOBOTIX AG

### D14 – Attractive fixed dome with two lenses

Two lenses, two HiRes image sensors, up to 64 GB internal storage and a dual image of a maximum of 6 megapixels make the D14D DualDome an efficient security solution: It is possible to secure two different areas using just one camera. All without vulnerable mechanical components!

# Technical Specifications D14



The HiRes Video Company

Technical Specifications D14 DualDome	
<b>Models</b>	IT, Sec, Sec-180°, Sec-Night-180°
<b>Lenses</b>	22 to 135 mm format, horizontal angle 90° to 15°
<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>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: 25 fps, MEGA: 12 fps, 3MEGA: 4 fps
<b>Video stream (MxPEG) (Live/Recording/Audio)</b>	VGA: 30 fps, MEGA: 30 fps, 3MEGA: 20 fps
<b>Image compression</b>	MxPEG, M-JPEG, JPEG, H.264 (only Video-VoIP)
<b>Internal DVR</b>	SD card (up to 64 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, PIR, notification over email, FTP, IP telephony (VoIP, SIP), signal output, 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, RS232 (via MxPatchBox), MiniUSB, MxBus
<b>Video phone</b>	VoIP, SIP, two-way speaker, remote control via DTMF signaling, event notification
<b>Security</b>	User-/Group management, HTTPS/SSL, IP address filter, IEEE 802.1x, intrusion detection, digital image signature
<b>Certificates</b>	EMC (EN55022, EN55024, EN61000-6-2, FCC part15B, AS/NZS3548)
<b>Power supply</b>	Power over Ethernet (IEEE 802.3af, Class 0), Netpower-Adapter, typ. 4 W
<b>Operating conditions</b>	IP54/IP65 (without/with wall mount), -30 to +60 °C (-22 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 - 50 cm, manual, software

Technical information subject to change without notice!

D14 DualDome	Available Accessories D14 DualDome				
<b>Standard Housing</b> MX-D14Di-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-D14D-Vandal-Kit  <ul style="list-style-type: none"> <li>Dome (3 mm Polyc.)</li> <li>Stainless steel vandalism housing in polished, matt or in powder-coated white, silvergray or black</li> </ul>	<b>Wall Mount</b> MX-WH-Dome  <ul style="list-style-type: none"> <li>Weatherproof (IP65) for D14-DualDome</li> <li>Covers up RJ45 outlets and Outdoor PatchBox</li> <li>Space for expansion modules (WLAN)</li> </ul>	<b>Pole and Corner Mount</b> MX-MH-Dome-ESWS  <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>PoE-Injector</b> MX-NPA-PoE-Set  <ul style="list-style-type: none"> <li>Power supply from electrical power and battery (12-42 V)</li> <li>For direct PC connection without a switch thanks to integrated crossover function</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>2 signal inputs, 2 signal outputs, 2 illuminated buttons</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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