



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

HiRes Video Innovations

The German company MOBOTIX AG is known as the leading pioneer in network camera technology and its decentralised concept has made high-resolution video systems cost efficient.



Technical Specifications D12 DualDome

| | | | |
|--|--|-----------------------------|---|
| Models | IT, IT-DNIGHT, Sec, Sec-DNIGHT, Sec-180°, Sec-R16 | Virtual PTZ | Digital Pan/Tilt/Zoom, continuous 8x zoom |
| Lenses | 22 to 135 mm format, horizontal angle 90° to 15° | 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 |
| Sensitivity | 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) | Audio | Integrated microphone and speaker, Line-In/Line-Out, lip-synchronous audio, two-way speaker, audio recording |
| 2 Sensors | 2 x 1/2" CMOS, progressive scan | Interfaces | Ethernet 10/100, ISDN, RS232, 3 x In, 1 x Out |
| Max. image resolution | Color: 2048 x 1536 (3MEGA), Black/White: 1280 x 960 (Mega) | Video phone | VoIP, SIP, two-way speaker, remote control via DTMF signaling, event notification |
| 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) | Security | User-/Group management, HTTPS/SSL, IP address filter, IEEE 802.1x, intrusion detection, digital image signature |
| Max frame rate (M-JPEG) (Live/Recording) | VGA: 16 fps, TV-PAL: 12 fps, Mega: 6 fps, 3MEGA: 4 fps | Certificates | EMC (EN55022, EN55024, EN61000-6-2, FCC part15B, AS/NZS3548) |
| Video stream (MxPEG) (Live/Recording/Audio) | VGA: 30 fps, TV-PAL: 24 fps, Mega: 14 fps, 3MEGA: 10 fps | Power supply | Power over Ethernet (IEEE 802.3af; Class 0), Netpower-Adapter, typ. 4 W |
| Image compression | MxPEG, M-JPEG, JPEG, H.263 (only Video-VoIP) | Operating conditions | IP54/IP65 (without/with wall mount), -30 to +60 °C (-22 to +140 °F) |
| Internal DVR | SD card (up to 32 GB), 16 GB internal (Sec-R16) | Dimensions | Ø x H: 20.1 x 11 cm, Weight: ca. 650 g |
| External storage | Directly on NAS and PC/Server without additional recording software | 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 |
| Software (inclusive) | Video management software MxEasy, Control room software MxControlCenter | | |
| Image processing | 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

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|--|--|--|--|---|---|
| <p>Standard Housing MX-D12Di-Sec</p>  <ul style="list-style-type: none"> • FixDome camera with two independent, individually adjustable image sensors • Simultaneously records an entire room & selected details | <p>Vandalism Set MX-D12D-Vandal-Kit</p>  <ul style="list-style-type: none"> • Dome (3 mm Polyc.) • Stainless steel vandalism housing in polished or matt, white, silvergray or black | <p>Wall Mount MX-WH-Dome</p>  <ul style="list-style-type: none"> • Weatherproof (IP65) for D12-DualDome • Covers up RJ45 outlets • Space for expansion modules (WLAN) | <p>Pole and Corner Mount MX-D12D-OPT-WHMH-Set</p>  <ul style="list-style-type: none"> • 3 mm stainless steel, white • 2 stainless steel straps for pole diameter 60-180 mm, incl. mounting parts | <p>Power-Adapter-Set MX-NPA-Set-DE</p>  <ul style="list-style-type: none"> • Power supply via Ethernet (MX30V) | <p>ExtIO Extension Module MX-ExtIO</p>  <ul style="list-style-type: none"> • Microphone/Speaker • PIR sensor for motion detection, temperature sensor • Switch in-/outputs |
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L22 Super Wide Angle 90°

L32 Wide Angle 60°

L43 Wide Angle 45°

L65 Tele 31°

L135 Tele 15°

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|--------|---|---|---|--|---|
| 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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