



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 £798* 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 UK • Pegasus Business Park • Castle Donington, DE74 2TZ • Sales: 0844 4411 412 • uk-sales@mobotix.com

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






Technical Specifications D12 DualDome

| | | | |
|----------------------------------|--|-----------------------------|---|
| Models | IT, IT-DNight, Sec, Sec-DNight, Sec-180°, Sec-R8 | 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 (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) | Audio | Integrated microphone and speaker, Line-In/Line-Out, lip-synchronous audio, two-way speaker, audio recording |
| 2 Sensors | 2x 1/2" CMOS, progressive scan | Interfaces | Ethernet 10/100, ISDN, USB, RS232, 1 x In, 1 x Out, Audio (Line-In/Line-Out) |
| Max. image resolution | Color: 2048 x 1536 (3Mega), Black: 1280 x 960 (Mega) | Audio/Telephony | VoIP, SIP, two-way speaker, remote controlling of the camera in- and outputs, 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 |
| Max. frame rate (M-JPEG) | VGA: 16 fps, TV-PAL: 12 fps, Mega: 6 fps, 3Mega: 4 fps (Live/Recording) | Certificates | BGV C9 ("UVV"), EMV (living environments, industry), EN 50155 (shock, vibration, temperature), CE, FCC |
| Max. Video stream (MxPEG) | VGA: 30 fps, TV-PAL: 24 fps, Mega: 14 fps, 3Mega: 10 fps (Live/Recording/Audio) | Power supply | Year-round Power over Ethernet (IEE 802.3af; Class 0), Netpower-Adapter, typ. 4 W |
| Image compression | MxPEG, M-JPEG, JPG, H.263 (Video-VoIP-Telephony) | Operating conditions | IP65 (DIN EN 60529), -30° to +60 °C (-22°F to +140°F) |
| Internal DVR | Slot for SD card (up to 16 GB) | 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, 2 x shockproof polycarbonate dome (1 transparent, 1 tinted), 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

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

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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