



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!



HiRes Video

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 998 €* 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 AG • D-67657 Kaiserslautern • Tel: +49-631-3033-103 • Fax: +49-631-3033-190 • 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
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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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