Allround Camera D22

The HiRes Video Company

MOBOTIX

90° room surveillance

3 elevators in an overview

Fits In. Watches Out.

Inconspicuous surveillance with state-of-the-art technology. The D22 FixDome from MOBOTIX adapts perfectly to any task. Exchangeable lenses, various mounting and configuration options including vandalism set support unlimited application possibilities.

HiRes Video

MOBOTIX HiRes video replaces up to 6 cameras …

- Attractively designed FixDome camera featuring exchangeable lenses from tele to wide-angle
- Numerous installation options both indoor and outdoor
- On-wall set with space for extension modules (battery, UMTS, WLAN, etc.)
- Integrated DVR with HiRes video recording
- Robust, low-maintenance and weatherproof from -30° to +60°C (-22° to +140°F), (IP65)
- Digital continuous zoom, pan and tilt
- Can be upgraded to an intercom system with the MOBOTIX ExtIO module

… starting at 448 €* 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

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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

* 2008/04 • Manufacturer's suggested retail prices • Prices ex works Kaiserslautern Germany • Excl. VAT and country specific customs taxes • Subject to change without notice

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Technical Specifications D22 MonoDome

Models	Basic, IT, IT-Night, Sec, Sec-Night
Lenses	22 to 135 mm format, horizontal angle 90° to 15°
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)
2 Sensors	1/2" CMOS, progressive scan
Max. image resolution	Color: 2048 x 1536 (3Mega), Black/White: 1280 x 960 (Mega)
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)
Max. frame rate (M-JPEG) (Live/Recording)	VGA: 16 fps, TV-PAL: 12 fps, Mega: 6 fps, 3Mega: 4 fps
Max. Video stream (MxPEG) (Live/Recording/Audio)	VGA: 30 fps, TV-PAL: 24 fps, Mega: 14 fps, 3Mega: 10 fps
Image compression	MxPEG, M-JPEG, JPG, H.263 (Video-VoIP-Telephony)
Internal DVR	Slot for SD card (up to 16 GB)
External video ringbuffer	Directly on NAS and PC/Server without additional recording 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)
Virtual PTZ	Digital Pan/Tilt/Zoom, continuous 8x zoom
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
Audio	Optional via ExtIO, video VoIP supported
Interfaces	Ethernet 10/100, USB, Audio (microphone/speaker)
Audio/Telephony	VoIP, SIP, two-way speaker, remote controlling of the camera in- and outputs, event notification
Security	User-/Group management, HTTPS/SSL, IP address filter, IEEE 802.1x, Intrusion Detection
Certificates	BGV C9 ("UVV"), EMV (living environments, industry), EN 50155 (shock, vibration, temperature), CE, FCC
Power supply	Year-round Power over Ethernet (IEE 802.3af; Class 0), Netpower-Adapter, typ. 2,5 W
Operating conditions	IP65 (DIN EN 60529), -30° to +60 °C (-22°F to +140°F),
Dimensions	Ø x H: 16 x 8,6 cm, Weight: ca. 350 g
Standard delivery	Housing (high-resistance composites - PBT-PC), white, shockproof polycarbonate dome transparent, free choice of lenses, mounting parts, allen wrench, patch cable, manual, software

Technical information subject to change without notice!

Available Accessories D22 MonoDome

In-Ceiling Set MX-D22M-OPT-IC	**On-Wall Set** MX-D22M-OPT-AP	**Vandalism Set** MX-D22M-Vandal-Kit	**Outdoor Wall Mount** MX-D22M-OPT-WH	**Pole Mount** MX-D22M-OPT-MH	**ExtIO Extension Module** MX-ExtIO
• Consists of in-ceiling mount and mounting parts • Easy mounting from front • Ø 150 mm installation dimension	• Consists of On-Wall Mount and mounting parts • Protects the cabling • allows integrating additional modules	• Reinforced dome (3 mm Polyc.) • Stainless steel vandalism housing polished or matt, in white, silvergray or black	• Weatherproof (IP65) • Covers RJ45 wall outlets • Space for expansion modules (WLAN)	• 3 mm stainless steel, white • 2 stainless steel straps for pole diameter 60-180 mm, incl. mounting parts	• 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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