







Technical Specifications M12 DualNight

Models	Web, IT, IT-DNight, Sec, Sec-DNight, 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 (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, USB, ISDN, USB, RS232, 1 x In, 1 x Out, Audio Line-In/Line-Out
Max. image resolution	Color: 2048 x 1536 (3Mega), Black/White: 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) (Live/Recording)	VGA: 16 fps, TV-PAL: 12 fps, Mega: 6 fps, 3Mega: 4 fps	Certificates	BGV C9 ("UVV"), EMV (living environments, industry), EN 50155 (shock, vibration, temperature), CE, FCC
Max. Video stream (MxPEG) (Live/Recording/Audio)	VGA: 30 fps, TV-PAL: 24 fps, Mega: 14 fps, 3Mega: 10 fps	Power supply	Year-round power over Ethernet (IEE 802.3af, Class 0), Netpower-Adapter, typ. 2,5 W
Image compression	MxPEG, M-JPEG, JPG, H.263 (Video-VoIP-Telephony)	Operating conditions	IP65 (DIN EN 60529), -30° bis +60 °C (-22°F to +140°F)
Internal DVR	Slot for SD card (up to 16 GB)	Dimensions	WxDxL: 14,2 x 15,5 x 17 cm, Weight: ca. 850 g (incl. wall mount)
External storage	Directly on NAS and PC/Server without additional recording software	Standard delivery	Weatherproof housing (reinforced composites - PBT-30GF), white, SecureFlex wall/ceiling mount with turn/tilt mount and concealed cabling, covers RJ45 wall outlets, incl. 2 lenses, 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!

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Available Accessories M12 DualNight

Standard Housing MX-M12D-Sec-DNight	Wall/Ceiling Mount MX-MH-SecureFlex	Pole Mount MX-MH-SecureFlex-ESWS	Power-Adapter-Set MX-NPA-Set-DE	CamIO Extension Module MX-CAMIO-AC-230	ExtIO Extension Module MX-ExtIO
 <ul style="list-style-type: none"> • DualNight Camera with two separate image sensors for day and night-time operation • automatic day/night switching 	 <ul style="list-style-type: none"> • concealed cabling • covers RJ45 wall outlets 	 <ul style="list-style-type: none"> • 3 mm stainless steel, white • 2 stainless steel straps for pole diameter 60-180 mm, incl. mounting parts 	 <ul style="list-style-type: none"> • Power supply over PoE • All camera models (MX30V) 	 <ul style="list-style-type: none"> • Interface for the connections of ext. sensors, devices (door contact, light, etc.) • 2 x relays (230V/500W), 2 x input, backup, audio 	 <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

* not for M12 models

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.

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