

Technical Specifications M12 DevKit

Models	Sec, Sec-R16
Lenses	Day: 22 to 135 mm (24 mm x 36 mm image format) Night: 22 to 135 mm (24 mm x 36 mm image format) Horizontal field of vision 90° to 15° (with MxStandard-Adapter) Alternative: Adapter for standard CS or M14 lenses*
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	2 x 1/2" CMOS, progressive scan
Max. image resolution	Color: 2048 x 1536 (3Mega), Black/White: 1280 x 960 (Mega) Dual image: 2560 x 960 (2.5 Mega), no QXGA
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 32 GB)
External storage	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	Integrated microphone and speaker, Line-In/Line-Out, lip-synchronous audio, two-way speaker, audio recording
Interfaces	Ethernet 10/100, USB, ISDN, USB, RS232, 1 x In, 1 x Out, Audio Line-In/Line-Out
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	EMC (living area, industry, rail), CE, FCC Please note: The CE test must be carried out and certified personally by the installer after installation!
Power supply	Year-round power over Ethernet (IEEE 802.3af; Class 0)
Operating conditions	IP65 (in accordance with DIN EN 60529, applies to sensor board casing), -30° to +60 °C (-22°F to +140°F)

Dimensions	WxDxH: 14.8 x 5.1 x 21.1 cm. Weight: DevKit + casing about 610 g, board about 100 g.
Standard delivery	Transparent board housing, software manual and patch cable; lenses, ribbon cable and sensor boards must be ordered individually.