

# MOBOTIX Video Systems – Features Overview



M-Design Cameras

# MOBOTIX M-Design Cameras – Overview

Camera model	ONE M1A-S	M73	M16	M26
Form Factor	M-Design	M-Design	M-Design	M-Design
Platform	IoT (ONE)	IoT (P7)	IoT (P6)	IoT (P6)
Max. Resolution	4K (3840 x 2160)	4K (3840 x 2160)	6MP (3072 x 2048)	6MP (3072 x 2048)
Max Image Rate (fps)	MxPEG: 20@4K, H.264: 30@4K, H.265: 30@4K	MxPEG: 20@4K, H.264: 30@4K, H.265: 30@4K	MxPEG: 12@6MP, H.264: 20@Full-HD	MxPEG: 12@6MP, H.264: 20@Full-HD
WDR	Yes, up to 120dB	Yes, up to 120dB	No	No
Internal DVR (microSD included)	64 GB	8GB	4GB	4GB
Viewing Angles: HxV	<b>Varifocal:</b> 112°-47.5° x 58°-26.6°; 42°-15°x 22.8°-8.4° <b>Fixed:</b> 120°x60°; 95°x50°; 60°x33°; 45°x25°; 30°x17°; 15°x8.5°	180°x180°; 120°x60°; 95°x95°; 60°x33°; 45°x25°; 30°x17°; 15°x8,5°; 8°x4,5°	180°x180°; 103°x77°; 90°x67°; 60°x45°; 45°x34°; 31°x23°; 15°x11°; 8°x6°	180°x180°; 103°x77°; 90°x67°; 60°x45°; 45°x34°; 31°x23°; 15°x11°; 8°x6°
Varifocal / Fixed Lens	Varifocal or Fixed Lens	Fixed Lens	Fixed Lens	Fixed Lens
Number of image sensors	1	up to 2	2	1
Day + night capable	Yes	Yes	Yes	Yes
Thermal variants	No	Yes	Yes	No
Integrated IR-Light/White Light	Yes / No	Optional / Optional	No / No	No / No
IP Class	IP66	IP66	IP66	IP66
IK Class	IK10, NEMA 4x	IK10, NEMA 4x	IK07	IK10
Ambient Temperature Range	-40 to 65°C	-40 to 65°C	-40 to 60°C	-40 to 65°C
ONVIF Profile	G, S, T	G, S, T	S	S
Video Codecs	H.264, H.265, MxPEG+, MJPEG	H.264, H.265, MxPEG+, MJPEG	MxPEG/MJPEG/H.264	MxPEG/MJPEG/H.264
PoE Class	IEEE 802.3af, max. 12,95 W	IEEE 802.3af/at, max. 25W	IEEE 802.3af, max. 12,95 W	IEEE 802.3af, max. 12,95 W
Mobotix App Support	Activity Sensor ONE with AI-based Objekt detection and Loitering	All Certified Apps	No	No
Integrated Loudspeaker/Microphone	Yes / Yes	Yes / Yes	Yes / Yes	Yes / Yes
Interfaces	Ethernet 1000BaseT - miniUSB - I/O	Ethernet 1000BaseT - miniUSB - MOBOTIX 7 Module (3x) - Line In & Out - I/O	Ethernet 10/100 (RJ45) - MxBus - miniUSB - RS232 via MX Interface Box - I/O	Ethernet 10/100 (RJ45) - MxBus - miniUSB - I/O - RS232 via MX-232-IO-Box
MTBF (h)	100'000	80'000	80'000	80'000



MOBOTIX ONE M1



MOBOTIX M73



MOBOTIX M16



MOBOTIX M26