

# MOBOTIX Video Systems – Features Overview



M-Design



Fix Dome



Speed Dome



Hemispheric



Turret & Flateye



Multidirectional



Bullet



Thermal



Special Solutions & Bundles

# M-Design

	ONE M1A-S	M73	M16	M26
<b>Form Factor</b>	M-Design	M-Design	M-Design	M-Design
<b>Platform</b>	IoT (ONE)	IoT (P7)	IoT (P6)	IoT (P6)
<b>Max. Resolution</b>	4K (3840 x 2160)	4K (3840 x 2160)	6MP (3072 x 2048)	6MP (3072 x 2048)
<b>Max. Image Rate (fps)</b>	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
<b>WDR</b>	Yes, up to 120dB	Yes, up to 120dB	No	No
<b>Internal DVR (microSD included)</b>	64 GB	8GB	4GB	4GB
<b>Viewing Angles: HxV</b>	<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°
<b>Varifocal / Fixed Lens</b>	Varifocal or Fixed Lens	Fixed Lens	Fixed Lens	Fixed Lens
<b>Number of image sensors</b>	1	up to 2	2	1
<b>Day + night capable</b>	Yes	Yes	Yes	Yes
<b>Thermal variants</b>	No	Yes	Yes	No
<b>Integrated IR-Light/White Light</b>	Yes / No	Optional / Optional	No / No	No / No
<b>IP Class</b>	IP66	IP66	IP66	IP66
<b>IK Class</b>	IK10, NEMA 4x	IK10, NEMA 4x	IK07	IK10
<b>Ambient Temperature Range</b>	-40 to 65°C	-40 to 65°C	-40 to 60°C	-40 to 65°C
<b>ONVIF Profile</b>	G, S, T	G, S, T	S	S
<b>Video Codecs</b>	H.264, H.265, MxPEG+, MJPEG	H.264, H.265, MxPEG+, MJPEG	MxPEG/MJPEG/H.264	MxPEG/MJPEG/H.264
<b>PoE Class</b>	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
<b>MOBOTIX App Support</b>	Activity Sensor ONE with AI-based Objekt detection and Loitering	All Certified Apps	No	No
<b>Integrated Loudspeaker/Microphone</b>	Yes / Yes	Yes / Yes	Yes / Yes	Yes / Yes
<b>Interfaces</b>	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
<b>MTBF (h)</b>	100.000	80.000	80.000	80.000



MOBOTIX ONE M1



MOBOTIX M73



MOBOTIX M16



MOBOTIX M26

# Fix Dome

# Fix Dome, IoT

	D71	v71	D26	v26	D16
<b>Form Factor</b>	Dome	Dome	Dome	Dome	Dome
<b>Platform</b>	IoT (P7)	IoT (P7)	IoT (P6)	IoT (P6)	IoT (P6)
<b>Max. Resolution</b>	4K (3840 x 2160)	4K (3840 x 2160)	6MP (3072 x 2048)	6MP (3072 x 2048)	6MP (3072 x 2048)
<b>Max. Image Rate (fps)</b>	MxPEG: 20@4k, H.264: 30@4k, H.265: 30@4k	MxPEG: 20@4k, H.264: 30@4k, H.265: 30@4k	MxPEG: 42@HD,34@Full-HD, 15@5MP, 12@6MP	MxPEG: 42@HD(1280x720), 34@Full-HD, 24@QXGA, 15@5MP, 12@6MP	MxPEG: 42@HD(1280x720), 34@Full-HD, 24@QXGA, 15@5MP, 12@6MP, 6@2x 6MP
<b>WDR</b>	Yes, up to 120 dB	Yes, up to 120 dB	No	No	No
<b>Internal DVR (microSD included)</b>	8 GB	8 GB	4 GB	4 GB	4 GB
<b>Viewing Angles: HxV</b>	95°x95°; 60°x33°; 45°x25°; 30°x17°; 15°x8,5°	95°x95°; 60°x33°; 45°x25°; 30°x17°; 15°x8,5°	103°x77°; 90°x67°; 60°x45°; 45°x34°; 31°x23°; 15°x11°	103°x77°; 90°x67°; 60°x45°; 45°x34°; 31°x23°; 15°x11°	103°x77°; 90°x67°; 60°x45°; 45°x34°; 31°x23°
<b>Varifocal / Fixed Lens</b>	Fixed Lens	Fixed Lens	Fixed Lens	Fixed Lens	Fixed Lens
<b>Number of image sensors</b>	1	1	1	1	2
<b>Day + night capable</b>	Yes	Yes	Yes	Yes	Yes
<b>Thermal</b>	No	No	No	No	No
<b>IR-Light/White Light</b>	Yes / No	Yes / No	No / No	No / No	No / No
<b>IP Class</b>	IP66	IP40	IP66	IP20	IP66
<b>IK Class</b>	IK10, NEMA 4x	IK10	IK10	IK10+	IK10
<b>Ambient Temperature Range</b>	-40 to 65°C	-10 to 50 °C	-40 to 65°C	0 to 40 °C	-40 to 60°C
<b>ONVIF Profile</b>	G, S, T	G, S und T	S	S	S
<b>Video Codecs</b>	MxPEG+	H.264, H.265, MxPEG+ und MJPEG	MxPEG/MJPEG/H.264	MxPEG/MJPEG/H.264	MxPEG/MJPEG/H.264
<b>PoE Class</b>	PoE Plus (802.3at-2009)	PoE Plus (802.3at-2009)	IEEE 802.3af	IEEE 802.3af	IEEE 802.3af
<b>MOBOTIX App Support</b>	Yes	Yes	No	No	No
<b>Integrated Loudspeaker/Microphone</b>	Yes / Yes	Yes / Yes	Optional / Optional	Optional / Optional	Yes / Yes
<b>Interfaces</b>	Line In & Out - USB-C - I/O	Ethernet 1000BaseT - USB-C/USB 2.0	Ethernet 100BaseT (MxRJ45) - miniUSB - MxBus - I/O - RS232 via MX-232-IO-Box	Ethernet 100BaseT (MxRJ45) - miniUSB - MxBus - port for MxIOBoard-IC	Ethernet 10/100 (RJ45) - MxBus - miniUSB - RS232 via MX Interface Box - I/O
<b>MTBF (h)</b>	80.000	80.000	80.000	80.000	80.000



MOBOTIX D71



MOBOTIX v71



MOBOTIX D26



MOBOTIX v26



MOBOTIX D16

# Fix Dome, MOVE

	VD2A-2-IR	MD1A-5-IR	VD3A-2-IR-VA	VD2A-5-IR-VA	VD1A-8-IR-VA
<b>Form Factor</b>	Fix Dome	Fix Dome	Fix Dome	Fix Dome	Fix Dome
<b>Platform</b>	MOVE	MOVE	MOVE	MOVE	MOVE
<b>Max. Resolution</b>	2MP (1920 x 1080)	5MP (2720 x 1976)	2MP (1920 x 1080)	5MP (2720 x 1976)	8MP (3864 x 2180)
<b>Max. Image Rate (fps)</b>	WDR On: H.265/H.264: HD@30 WDR off: H.265/H.264: HD@30	H.265:5MP@30fps H.264:5MP@30	H.265/H.264: 1920x1080@30 fps	H.265/H.264: 2688x1944@30 WDR off: H.265/H.264: 1920x1080@60	H.265/H.264: 3864x2180@30
<b>WDR</b>	Yes, up to 130 dB	Yes ,up to 120 dB	Yes, up to 130 dB	Yes, up to 130 dB	Yes ,up to 130 dB
<b>Internal DVR (microSD included)</b>	optional	optional	optional	Optional	optional
<b>Viewing Angles: HxV</b>	96,76° - 34,13° X 52,21° - 19,24°	108.3° x -76.5°	99°- 31° x 53°- 18°	102.1° - 31.5° x 70.3°- 22.7°	115.0° - 47.5° x 61.2°- 27.0°
<b>Varifocal / Fixed Lens</b>	Varifocal	Fixed Lens	Varifocal	Varifocal	Varifocal
<b>Number of image sensors</b>	1	1	1	1	1
<b>Day + night capable</b>	Yes	Yes	Yes	Yes	Yes
<b>Thermal</b>	No	No	No	No	No
<b>IR-Light/White Light</b>	Yes / No	Yes / No	Yes / No	Yes / No	Yes / No
<b>IP Class</b>	IP66	Indoor use	IP66	IP66	IP66
<b>IK Class</b>	IK10	IK08	IK10	IK10	IK10
<b>Ambient Temperature Range</b>	-55 to 60 °C	-30 to 55 °C	-55 to 60 °C	-55 to 60 °C	-55 to 60 °C
<b>ONVIF Profile</b>	S/G/T/M	S/G/T	S/G/T/M	S/G/T/M	S/G/T/M
<b>Video Codecs</b>	H.265/H.264/MJPEG	H.265/H.264/MJPEG	H.265/H.264/MJPEG	H.265/H.264/MJPEG	H.265/H.264/MJPEG
<b>PoE Class</b>	IEEE 802.3af	IEEE 802.3af	IEEE 802.3af	IEEE 802.3af	IEEE 802.3af
<b>MOBOTIX App Support</b>	No	No	No	No	No
<b>Integrated Loudspeaker/Microphone</b>	No / No	Yes / Yes	No / No	No / No	No / No
<b>Interfaces</b>	Ethernet 10/100 - Audio Line In/Out	Ethernet 10/100	Ethernet 10/100 - Audio Line In/Out	Ethernet 10/100 - Audio Line In/Out	Ethernet 10/100 - Audio Line In/Out
<b>MTBF (h)</b>	95.000	95.000	95.000	95.000	95.000



MOBOTIX MOVE **Dome**



MOBOTIX MOVE **Micro Dome**

PTZ

# PTZ, MOVE

	SD2A-230-LL-FM-VA	SD1A-540-IR-VA	SD1A-831-LIR-VA
<b>Form Factor</b>	PTZ Dome	PTZ Dome	PTZ Dome
<b>Platform</b>	MOVE	MOVE	MOVE
<b>Max. Resolution</b>	2MP (1920 x 1080)	5MP (2720 x 1976)	8MP (3864 x 2180)
<b>Max. Image Rate (fps)</b>	H.265/H.264: 2MP@30	H.265/H.264: 5MP@30	H.265/H.264: 4K (8MP)@30
<b>WDR</b>	Yes, up to 130 dB	Yes, up to 130 dB	Yes, up to 130 dB
<b>Internal DVR (microSD included)</b>	optional	optional	optional
<b>Viewing Angles: HxV</b>	59.3° – 2.3° x 34.9° – 1.4°	62.6° – 1.9° x 48.8° – 1.4°	61.8° – 2.2° x 35.9° – 1.3°
<b>Varifocal / Fixed Lens</b>	Varifocal	Varifocal	Varifocal
<b>Number of image sensors</b>	1	1	1
<b>Day + night capable</b>	Yes	Yes	Yes
<b>Thermal</b>	No	No	No
<b>IR-Light/White Light</b>	No / No	Yes / No	Yes / No
<b>IP Class</b>	-----	IP66	IP66
<b>IK Class</b>	-----	IK10	IK10
<b>Ambient Temperature Range</b>	-40 to 55 °C	-40 to 55 °C	-40 to 55 °C
<b>ONVIF Profile</b>	S/G/T/M	S/G/T/M	S/G/T/M
<b>Video Codecs</b>	H.264/H.265/MJPEG	H.264/H.265/MJPEG	H.265/H.264/MJPEG
<b>PoE Class</b>	IEEE 802.3at	IEEE 802.3bt	IEEE 802.3bt
<b>MOBOTIX App Support</b>	No	No	No
<b>Integrated Loudspeaker/Microphone</b>	No / No	No / No	No / No
<b>Interfaces</b>	Ethernet 10/100 (RJ45) - 4x Alarm in, 2x Alarm out terminal block - AC 24 V terminal block - RS485 terminal block	Ethernet 10/100 (RJ45) - 4 x Alarm in, 2x Alarm out terminal block - AC 24 V terminal block - Audio In terminal block - Audio Out terminal block - CVBS connector (available with max. 2 activated streams) - RS485 terminal block	Ethernet 10/100 (RJ45) - 4 x Alarm in, 2x Alarm out terminal block - AC 24 V terminal block - Audio In terminal block - Audio Out terminal block - CVBS connector (available with max. 2 activated streams) - RS485 terminal block
<b>MTBF (h)</b>	50.000	50.000	50.000



MOVE Speed Dome  
Flush Mount  
**SD2A-230-LL-FM-VA**



MOVE Speed Dome  
IR  
**SD1A-540-IR-VA**



MOVE Speed  
Dome LiDAR  
Autofokus  
**SD1A-831-LIR-VA**



# Hemispheric

# Hemispheric, IoT

	c71 NurseAssist	c71	Q71	c26	Q26
<b>Form Factor</b>	Hemispheric	Hemispheric	Hemispheric	Hemispheric	Hemispheric
<b>Platform</b>	IoT (P7)	IoT (P7)	IoT (P7)	IoT (P6)	IoT (P6)
<b>Max. Resolution</b>	4K (3840x2160)	4K (3840x2160)	4K (2880 x 2880)	6MP (3072 x 2048)	6MP (3072 x 2048)
<b>Max. Image Rate (fps)</b>	MxPEG: 20@4k, H.264: 30@4k, H.265: 30@4k	MxPEG: 20@4k, H.264: 30@4k, H.265: 30@4k	MxPEG: 20@4k, H.264: 30@4k, H.265: 30@4k	MxPEG: 42@HD(1280x720), 34@Full-HD, 24@QXGA, 15@5MP	MxPEG: 42@HD(1280x720), 34@Full-HD, 24@QXGA, 15@5MP, 12@6MP
<b>WDR</b>	Yes, up to 120 dB	Yes, up to 120 dB	Yes, up to 120 dB	no	no
<b>Internal DVR (microSD included)</b>	8 GB	8 GB	8 GB	4 GB	4 GB
<b>Viewing Angles: HxV</b>	180°x180°	180°x180°	180°x180°	180°x180°; 103°x77°.	180°x180°
<b>Varifocal / Fixed Lens</b>	Fixed Lens	Fixed Lens	Fixed Lens	Fixed Lens	Fixed Lens
<b>Number of image sensors</b>	1	1	1	1	1
<b>Day + night capable</b>	Yes	Yes	Yes	Yes	Yes
<b>Thermal</b>	No	No	No	No	No
<b>IR-Light/White Light</b>	Yes / No	Yes / No	Yes / Yes	No / No	No / No
<b>IP Class</b>	IP40	IP40	IP66	IP20	IP66
<b>IK Class</b>	---	---	IK10, NEMA 4x	IK06	IK10
<b>Ambient Temperature Range</b>	-10 to 50 °C	-10 to 50 °C	-40 to 65°C	0 to 40 °C	-40 to 65°C
<b>ONVIF Profile</b>	S, T y G	S, T y G	G, S, T	S	S
<b>Video Codecs</b>	H.264, H.265, MxPEG+ y MJPEG	H.264, H.265, MxPEG+ y MJPEG	MxPEG+	MxPEG/MJPEG/H.264	MxPEG/MJPEG/H.264
<b>PoE Class</b>	PoE Plus (802.3at-2009)	PoE Plus (802.3at-2009)	PoE Plus (802.3at-2009)	IEEE 802.3af	IEEE 802.3af
<b>MOBOTIX App Support</b>	Yes	Yes	Yes	no	no
<b>Integrated Loudspeaker/Microphone</b>	Yes / Yes	Yes / Yes	Yes / Yes	optional	Yes / Yes
<b>Interfaces</b>	Ethernet 1000BaseT - USB-C/USB 2.0	Ethernet 1000BaseT - USB-C/USB 2.0	Line in / out- USB-C - E/S	Ethernet 100BaseT (MxRJ45) - miniUSB - MxBus – port for MxIOBoard-IC	Ethernet 10/100 (RJ45) - MxBus - miniUSB - E/S - RS232 via MX-232-IO-Box
<b>MBTF (h)</b>	80.000	80.000	80.000	80.000	80.000



MOBOTIX c71



MOBOTIX Q71



MOBOTIX c26



MOBOTIX Q26

# Hemispheric, MOVE

VH1A-12-IR-VA	
Form Factor	Hemispheric
Platform	MOVE
Max. Resolution	12MP (4072 x 3046)
Max. Image Rate (fps)	8.9MP@27 2048x2048@30
WDR	Yes
Internal DVR (microSD included)	Optional
Viewing Angles: HxV	180° x 180°
Varifocal / Fixed Lens	Fixed Lens
Number of image sensors	4
Day + night capable	Yes
Thermal	No
IR-Light/White Light	Yes / No
IP Class	IP67
IK Class	IK10
Ambient Temperature Range	-10 to 55°C
ONVIF Profile	S/G/T/M
Video Codecs	H.265/H.264/MJPEG
PoE Class	IEEE 802.3af
MOBOTIX App Support	No
Integrated Loudspeaker/Microphone	Yes / Yes
Interfaces	Ethernet 10/100 - Audio Line In/Out
MBTF (h)	95.000



MOBOTIX MOVE VH1A-12-IR-VA

# Turret & Flateye

# Turret & Flateye, IoT

	p71	p26	i26
<b>Form Factor</b>	Turret	Flateye	Flateye
<b>Platform</b>	IoT (P7)	IoT (P6)	IoT (P6)
<b>Max. Resolution</b>	4K (3840 x 2160)	6MP (3072 x 2048)	6MP (3072 x 2048)
<b>Max. Image Rate (fps)</b>	MxPEG: 20@4k, H.264: 30@4k, H.265: 30@4k	MxPEG: 42@HD(1280x720), 34@Full-HD	MxPEG: 42@HD(1280x720), 34@Full-HD
<b>WDR</b>	Yes, up to 120 dB	No	No
<b>Internal DVR (microSD included)</b>	8 GB	4 GB	4 GB
<b>Viewing Angles: HxV</b>	120°x60°; 95°x95°; 60°x33°; 45°x25°; 30°x17°; 15°x8,5°;	180°x180°; 103°x77°; 60°x45°; 45°x34°; 31°x23°; 15°x11°;	180°x180°; 103°x77°
<b>Varifocal / Fixed Lens</b>	Fixed Lens	Fixed Lens	Fixed Lens
<b>Number of image sensors</b>	1	1	1
<b>Day + night capable</b>	Yes	Yes	Yes
<b>Thermal</b>	No	No	No
<b>IR-Light/White Light</b>	Yes	No	No
<b>IP Class</b>	IP40	IP20	IP30
<b>IK Class</b>	---	IK06	---
<b>Ambient Temperature Range</b>	-10 to 50 °C	0 to 40 °C	0 to 40 °C
<b>ONVIF Profile</b>	G, S und T	S	S
<b>Video Codecs</b>	H.264, H.265, MxPEG+ und MJPEG	MxPEG/MJPEG/H.264	MxPEG/MJPEG/H.264
<b>PoE Class</b>	PoE Plus (802.3at-2009)	IEEE 802.3af	IEEE 802.3af
<b>MOBOTIX App Support</b>	Yes	No	No
<b>Integrated Loudspeaker/Microphone</b>	Yes / Yes	No / No	No / No
<b>Interfaces</b>	Ethernet 1000BaseT - USB-C/USB 2.0	Ethernet 100BaseT (MxRJ45) - miniUSB - MxBus - port for MxIOBoard-IC	Ethernet 100BaseT (MxRJ45) - miniUSB - MxBus
<b>MTBF (h)</b>	80.000	80.000	80.000



MOBOTIX p71



MOBOTIX p26



MOBOTIX i26

# Turret & Flateye, MOVE

Camera model	VT1A-2-IR	VT1A-5-IR	VT1A-203-IR	VT1A-503-IR
<b>Form Factor</b>	Turret	Turret	Turret	Turret
<b>Platform</b>	MOVE	MOVE	MOVE	MOVE
<b>Max. Resolution</b>	2MP (1920 x 1080)	5MP (2720 x 1976)	2MP (1920 x 1080)	5MP (2720 x 1976)
<b>Max. Image Rate ( fps)</b>	H.265/H.264: 2MP@30	H.265/H.264: 5MP@30	H.265/H.264: 2MP@30	H.265/H.264: 5MP@30
<b>WDR</b>	Yes, up to 120 dB	Yes, up to 120 dB	Yes, up to 120 dB	Yes, up to 120 dB
<b>Internal DVR (microSd included)</b>	optional	optional	optional	optional
<b>Viewing Angles: HxV</b>	105° x 56°	97° x 70.5°	111°- 34° x 61°- 19°	103°- 31° x 76°- 23.5°
<b>Varifocal / Fixed Lens</b>	Fixed Lens	Fixed Lens	Varifocal	Varifocal
<b>Number of image sensors</b>	1	1	1	1
<b>Day + night capable</b>	Yes	Yes	Yes	Yes
<b>Thermal</b>	No	No	No	No
<b>IR-Light/White Light</b>	Yes / No	Yes / No	Yes / No	Yes / No
<b>IP Class</b>	IP67	IP67	IP67	IP67
<b>IK Class</b>	IK10	IK10	IK10	IK10
<b>Ambient Temperature Range</b>	-30°C to 60°C	-30°C to 60°C	-30°C to 60°C	-30°C to 60°C
<b>ONVIF Profile</b>	S/G/T/M	S/G/T/M	S/G/T/M	S/G/T/M
<b>Video Codecs</b>	H.264/H.265/MJPEG	H.264/H.265/MJPEG	H.264/H.265/MJPEG	H.264/H.265/MJPEG
<b>PoE Class</b>	IEEE 802.3af	IEEE 802.3af	IEEE 802.3af	IEEE 802.3af
<b>MOBOTIX App Support</b>	No	No	No	No
<b>Integrated Loudspeaker/Microphone</b>	No / Yes	No / Yes	No / Yes	No / Yes
<b>Interfaces</b>	Ethernet 10/100	Ethernet 10/100	Ethernet 10/100	Ethernet 10/100
<b>MTBF (h)</b>	95.000	95.000	95.000	95.000



MOBOTIX MOVE Turret

# Multidirectional

# Multidirectional, IoT

	S74	S16
<b>Form Factor</b>	Multisense	Multisense
<b>Platform</b>	IoT (P7)	IoT (P6)
<b>Max. Resolution</b>	4K (3840 x 2160)	6MP (6144 x 2.048)
<b>Max. Image rate (fps)</b>	9, 25-30 on request	9
<b>WDR</b>	Yes, up to 120 dB	No
<b>Internal DVR (microSD included)</b>	8 GB	4 GB
<b>Viewing Angles: HxV</b>	180°x180°; 120°x60°; 95°x95°; 60°x33°; 45°x25°; 30°x17°; 15°x8,5°; 8°x4,5°	180°x180°
<b>Varifocal / Fixed Lens</b>	Fixed Lens	Fixed Lens
<b>Number of image sensors</b>	up to 2	up to 2
<b>Day + night capable</b>	Yes	Yes
<b>Thermal</b>	Yes	Yes
<b>IR-Light/White Light</b>	Optional	Optional
<b>IP Class</b>	IP66	IP66
<b>IK Class</b>	IK10, NEMA 4x	IK07
<b>Ambient Temperature Range</b>	-40 to 65°C	-40 to 60°C
<b>ONVIF Profile</b>	S,T	S
<b>Video Codecs</b>	H.264, H.265, MxPEG+ und MJPEG	MxPEG/MJPEG/H.264
<b>PoE Class</b>	PoE Plus (802.3at-2009)	IEEE 802.3af
<b>MOBOTIX App Support</b>	Yes	No
<b>Integrated Loudspeaker/Microphone</b>	Optional	optional
<b>Interfaces</b>	Ethernet 1000BaseT (RJ45 oder LSA) - 4x MOBOTIX Moduleport (2x optical/2x functional) - USB-C - more via Interface Platine	Ethernet 100BaseT (MxRJ45/LSA) - miniUSB - MxBus - Audio I/O - RS232 via MX Interface Box
<b>MTBF (h)</b>	80.000	80.000



MOBOTIX S74



MOBOTIX S16



# Multidirectional, MOVE

	VM1A-20-IR-VA	VMSD1A-20-VA
<b>Form Factor</b>	Multisensor	Multisensor
<b>Platform</b>	MOVE	MOVE
<b>Max. Resolution</b>	5MP (2608 x 1964)	5MP (2560 x 1920)
<b>Max. Image Rate (fps)</b>	H.265/H.264: 5MP@30	Multisensor:H.265/H.264: 5MP@15 PTZ: H.265/H.264: 2MP (1080p)@60
<b>WDR</b>	Yes, up to 120 dB	Yes, up to 144 dB
<b>Internal DVR (microSD included)</b>	No	No
<b>Viewing Angles: HxV</b>	111,5° - 53,7° x 79° - 40,2°	3,7° - 77° x 2,2° - 44°
<b>Varifocal / Fixed Lens</b>	Varifocal	Varifocal
<b>Number of image sensors</b>	1	1
<b>Day + night capable</b>	Yes	Yes
<b>Thermal</b>	No	No
<b>IR-Light/White Light</b>	Yes / No	No / No
<b>IP Class</b>	IP66	IP66/IP67
<b>IK Class</b>	IK10, NEMA 4x	IK10, NEMA 4x
<b>Ambient Temperature Range</b>	-40 to 60 °C	-40 to 55 °C
<b>ONVIF Profile</b>	S/G/T/M	S/G/T/M
<b>Video Codecs</b>	H.264/H.265/MJPEG	H.265/H.264/MJPEG
<b>PoE Class</b>	IEEE 802.3bt	IEEE 802.3bt
<b>MOBOTIX App Support</b>	No	No
<b>Integrated Loudspeaker/Microphone</b>	Yes / Yes	No / No
<b>Interfaces</b>	Ethernet 10/1000 (RJ45) - USB-C - 2 x Alarm in, 2x Alarm out, Audio in, Audio out terminal block - DC12V/AC24V terminal block	Ethernet 10 BASE-T/100 BASE-T/1000 BASE-T (RJ45) - Audio in 3.5 mm Jack - Audio out 3.5 mm Jack - Alarm I/O: 3x Alarm in, 2x Alarm out
<b>MTBF (h)</b>	95.000	



MOBOTIX MOVE VMSD1A-20-VA



MOBOTIX MOVE VM1A-20-IR-VA

# Bullet

# Bullet, MOVE

	BC2A-2-IR	VB3A-2-IR-VA	VB2A-5-IR-VA	VB1A-8-IR-VA	VB-2-IR-ALPR	VB-2-IR-D-ALPR
<b>Form Factor</b>	Bullet	Bullet	Bullet	Bullet	Bullet	Bullet
<b>Platform</b>	MOVE	MOVE	MOVE	MOVE	Move	Move
<b>Max. Resolution</b>	2MP (1920 x 1080)	2MP (1920 x 1080)	5MP (2720 x 1976)	8MP (3864 x 2180)	2MP (1920 x 1080)	2MP (1920 x 1080)
<b>Max. Image Rate (fps)</b>	WDR : H.265/H.264:1920x1080@30	H.265/H.264: 1920x1080@30	H.265/H.264: 2688x1944@30	H.265/H.264: 3864x2180@30	2 MP H.264, H.265 @ 30	2 MP H.264, H.265 @ 30
<b>WDR</b>	Yes, up to 130 dB	Yes, up to 130 dB	Yes, up to 130 dB	Yes, up to 130 dB	Yes, up to 130 dB	Yes, up to 130 dB
<b>Internal DVR (microSD included)</b>	No	No	No	No	No	No
<b>Viewing Angles: HxV</b>	96.67° - 34.13° x 52.21° - 19.24°	99° - 31° x 53° - 18°	102.1° - 31.5° x 70.3° - 22.7°	115.0° - 47.5° x 61.2° - 27.0°	102.1° - 31.5° x 70.3° - 22.7°	36.1° - 15.4° x 19.8° - 8.8°
<b>Varifocal / Fixed Lens</b>	Varifocal	Varifocal	Varifocal	Varifocal	Varifocal	Varifocal
<b>Number of image sensors</b>	1	1	1	1	1	1
<b>Day + night capable</b>	Yes	Yes	Yes	Yes	Yes	Yes
<b>Thermal</b>	No	No	No	No	No	No
<b>IR-Light/White Light</b>	Yes / No	Yes / No	Yes / No	Yes / No	Yes / No	Yes / No
<b>IP Class</b>	IP66/IP67	IP66/IP67	IP66/IP67	IP66/IP67	IP67	IP67
<b>IK Class</b>	---	IK10	IK10	IK10	IK10	IK10
<b>Ambient Temperature Range</b>	-30 to 60 °C	-55 to 60 °C	-55 to 60 °C	-55 to 60 °C	-55 to 60 °C	-55 to 60 °C
<b>ONVIF Profile</b>	S/G/T/M	S/G/T/M	S/G/T/M	S/G/T/M	S/G/T/M	S/G/T/M
<b>Video Codecs</b>	H.265/H.264/MJPEG	H.265/H.264/MJPEG	H.265/H.264/MJPEG	H.265/H.264/MJPEG	H.265/H.264/MJPEG	H.265/H.264/MJPEG
<b>PoE Class</b>	IEEE 802.3af	IEEE 802.3af	IEEE 802.3af	IEEE 802.3af	IEEE 802.3af	IEEE 802.3af
<b>MOBOTIX App Support</b>	No	No	No	No	No	No
<b>Integrated Loudspeaker/Microphone</b>	No / No	No / No	No / No	No / No	No / No	No / No
<b>Interfaces</b>	RJ45 - Alarm in x2, Alarm out x1, Terminal Block - DC12V Terminal Block - AC24V Terminal Block - Audio in 3.5 mm Jack - Audio out 3.5 mm	RJ45 - Alarm in x2, Alarm out x1, Terminal Block - DC12V Terminal Block - AC24V Terminal Block - Audio in 3.5 mm Jack - Audio out 3.5 mm	RJ45 - Alarm in x2, Alarm out x1, Terminal Block - DC12V Terminal Block - AC24V Terminal Block - Audio in 3.5 mm Jack - Audio out 3.5 mm	RJ45 - Alarm in x2, Alarm out x1, Terminal Block - DC12V Terminal Block - AC24V Terminal Block - Audio in 3.5 mm Jack - Audio out 3.5 mm	RJ45 - Alarm in x2, Alarm out x1, Terminal Block - DC12V Terminal Block - AC24V Terminal Block - Audio in 3.5 mm Jack - Audio out 3.5 mm	RJ45 - Alarm in x2, Alarm out x1, Terminal Block - DC12V Terminal Block - AC24V Terminal Block - Audio in 3.5 mm Jack - Audio out 3.5 mm
<b>MTBF (h)</b>	95.000	95.000	95.000	95.000	95.000	95.000



MOVE  
Standard  
Bullet



MOVE Vandal  
Bullet



MOVE Bullet  
ALPR

# Thermal

# Thermal, IoT

	M73 EN54	S74 EN54	p71	S16	M16 VdS
<b>Form Factor</b>	M-Design	Multisense	Turret	Multisense	M-Design
<b>Platform</b>	IoT (P7)	IoT (P7)	IoT (P7)	IoT (P6)	IoT (P6)
<b>Max. Resolution</b>	Image sensor: 4K (3840 x 2160) Thermal sensor: 640x480	Image sensor: 4K (3840 x 2160) Thermal sensor: 640x480	Cif (320x240)	6MP (6144 x 2.048) Thermal: 336 x 252	6MP (3072 x 2048) Thermal: 336 x 252
<b>Max. Image Rate (fps)</b>	9	9	9	9	Optical: MxPEG: 42@HD(1280x720) Thermal: 9
<b>WDR</b>	No	No	No	No	No
<b>Internal DVR (microSD included)</b>	8 GB	8 GB	8 GB	4 GB	4 GB
<b>Viewing Angles: HxV</b>	180°x180°; 120°x60°; 95°x95°; 60°x33°; 45°x25°; 30°x17°; 15°x8,5°; 8°x4,5°	180°x180°; 120°x60°; 95°x95°; 60°x33°; 45°x25°; 30°x17°; 15°x8,5°; 8°x4,5°	120°x60°; 95°x95°; 60°x33°; 45°x25°; 30°x17°; 15°x8,5°;	Image: 180°x180°, 103° x 77°, 90° x 67°, 60° x 45°, 45° x 34°, 31° x 23°, 15° x 11°	Thermal: 45, 35, 25 oder 17°
<b>Varifocal / Fixed Lens</b>	Fixed Lens	Fixed Lens	Fixed Lens	Fixed Lens	Fixed Lens
<b>Number of image sensors</b>	up to 2	up to 2	1	up to 2	2
<b>Day + night capable</b>	Yes	Yes	Yes	Yes	Yes
<b>Thermal</b>	Yes	Yes	No	Yes	Yes
<b>IR-Light/White Light</b>	optional	optional	Yes / No	optional	optional
<b>IP Class</b>	IP66	IP66	IP40	IP66	IP66
<b>IK Class</b>	IK10, NEMA 4x	IK10, NEMA 4x		IK07	IK06
<b>Ambient Temperature Range</b>	-40 to 65°C	-40 to 65°C	-10 to 50 °C	-40 to 60°C	-40 to 60°C
<b>ONVIF Profile</b>	G, S, T	S,T	G, S und T	S	S
<b>Video Codecs</b>	H.264, H.265, MxPEG+, MJPEG	H.264, H.265, MxPEG+ und MJPEG	H.264, H.265, MxPEG+ und MJPEG	MxPEG/MJPEG/H.264	MxPEG/MJPEG/H.264
<b>PoE Class</b>	IEEE 802.3af/at	PoE Plus (802.3at-2009)	PoE Plus (802.3at-2009)	IEEE 802.3af	IEEE 802.3af
<b>MOBOTIX App Support</b>	Yes	Yes	Yes	No	No
<b>Integrated Loudspeaker/Microphone</b>	optional	optional	Yes / Yes	optional	Yes / Yes
<b>Interfaces</b>	Ethernet 1000BaseT - miniUSB - MOBOTIX 7 Module (3x) - Line In & Out - I/O	Ethernet 1000BaseT (RJ45 oder LSA) - 4x MOBOTIX Modulanschluss (2x optisch/2x funktional) - USB-C - more via Interface Platine	Ethernet 1000BaseT - USB-C/USB 2.0	Ethernet 100BaseT (MxRJ45/LSA) - miniUSB - MxBus - Audio I/O - RS232 via MX Interface Box	Ethernet 10/100 (RJ45) - MxBus - miniUSB - I/O - RS232 via Interface-Box
<b>MTBF (h)</b>	80.000	80.000	80.000	80.000	80.000



MOBOTIX M73 EN54



MOBOTIX S74 EN54



MOBOTIX p71



MOBOTIX S16



MOBOTIX M16 VdS

# Special Solutions & Bundles

# Special Solutions & Bundles, IoT

	c71 NurseAssist	M73 EN54	S74 EN54	M16 VdS	V16
<b>Form Factor</b>	Hemispheric	M-Design	Multisense	M-Design	Special Solutions
<b>Platform</b>	IoT (P7)	IoT (P7)	IoT (P7)	IoT (P6)	IoT (P6)
<b>Max. Resolution</b>	4K (3840x2160)	Image sensor: 4K (3840 x 2160) Thermal sensor: 640x480	Image sensor: 4K (3840 x 2160) Thermal sensor: 640x480	6MP (3072 x 2048) Thermal: 336 x 252	6MP (6144 x 2.048)
<b>Max. Image Rate ( fps)</b>	MxPEG: 20@4k, H.264: 30@4k, H.265: 30@4k	9	9	Optical: MxPEG: 42@HD(1280x720) Thermal: 9	MxPEG: 42@HD(1280x720), 34@Full-HD, 24@QXGA, 15@5MP, 12@6MP, 6@2x 6MP
<b>WDR</b>	Yes, up to 120 dB	No	No	No	No
<b>Internal DVR (microSD included)</b>	8 GB	8 GB	8 GB	4 GB	4 GB
<b>Viewing Angles: HxV</b>	180°x180°	180°x180°; 120°x60°; 95°x95°; 60°x33°; 45°x25°; 30°x17°; 15°x8,5°; 8°x4,5°	180°x180°; 120°x60°; 95°x95°; 60°x33°; 45°x25°; 30°x17°; 15°x8,5°; 8°x4,5°	Thermal: 45, 35, 25 oder 17°	90°x67°; 45°x34°; 90°x67°; 45°x34°
<b>Varifocal / Fixed Lens</b>	Fixed Lens	Fixed Lens	Fixed Lens	Fixed Lens	Fixed Lens
<b>Number of image sensors</b>	1	up to 2	up to 2	2	2
<b>Day + night capable</b>	Yes	Yes	Yes	Yes	Yes
<b>Thermal</b>	No	Yes	Yes	Yes	No
<b>IR-Light/White Light</b>	Yes / No	optional	optional	optional	No
<b>IP Class</b>	IP40	IP66	IP66	IP66	IP66
<b>IK Class</b>		IK10, NEMA 4x	IK10, NEMA 4x	IK06	IK10+
<b>Ambient Temperature Range</b>	-10 to 50 °C	-40 to 65°C	-40 to 65°C	-40 to 60°C	-40 to 60°C
<b>ONVIF Profile</b>	S, T und G	G, S, T	S,T	S	S
<b>Video Codecs</b>	H.264, H.265, MxPEG+ und MJPEG	H.264, H.265, MxPEG+, MJPEG	H.264, H.265, MxPEG+ und MJPEG	MxPEG/MJPEG/H.264	MxPEG/MJPEG/H.264
<b>PoE Class</b>	PoE Plus (802.3at-2009)	IEEE 802.3af/at	PoE Plus (802.3at-2009)	IEEE 802.3af	IEEE 802.3af
<b>MOBOTIX App Support</b>	Yes	Yes	Yes	No	No
<b>Integrated Loudspeaker/Microphone</b>	Yes / Yes	optional	optional	Yes / Yes	Yes / Yes
<b>Interfaces</b>	Ethernet 1000BaseT - USB-C/USB 2.0	Ethernet 1000BaseT - miniUSB - MOBOTIX 7 Module (3x) - Line In & Out - I/O	Ethernet 1000BaseT (RJ45 oder LSA) - 4x MOBOTIX Moduleport (2x optical/2x functional) - USB-C - more via Interface Platine	Ethernet 10/100 (RJ45) - MxBus - miniUSB - I/O - RS232 via Interface-Box	Ethernet 100BaseT (MxRJ45 und LSA+) - miniUSB - MxBus
<b>MTBF (h)</b>	80.000	80.000	80.000	80.000	80.000



MOBOTIX C71 NurseAssist



MOBOTIX M73 EN54



MOBOTIX S74 EN54



MOBOTIX M16 VdS



MOBOTIX V16

# Special Solutions & Bundles, MOVE

	VB-2-IR-ALPR	VB-2-IR-D-ALPR
<b>Form Factor</b>	Bullet	Bullet
<b>Platform</b>	Move	Move
<b>Max. Resolution</b>	2MP (1920 x 1080)	2MP (1920 x 1080)
<b>Max. Image Rate (fps)</b>	2 MP H.264, H.265 @ 30	2 MP H.264, H.265 @ 30
<b>WDR</b>	Yes, up to 130 dB	Yes, up to 130 dB
<b>Internal DVR (microSD included)</b>	No	No
<b>Viewing Angles: HxV</b>	102.1° - 31.5° x 70.3° - 22.7°	36.1° - 15.4° x 19.8° - 8.8°
<b>Varifocal / Fixed Lens</b>	Varifocal	Varifocal
<b>Number of image sensors</b>	1	1
<b>Day + night capable</b>	Yes	Yes
<b>Thermal</b>	No	No
<b>IR-Light/White Light</b>	Yes / No	Yes / No
<b>IP Class</b>	IP67	IP67
<b>IK Class</b>	IK10	IK10
<b>Ambient Temperature Range</b>	-55 to 60 °C	-55 to 60 °C
<b>ONVIF Profile</b>	S/G/T/M	S/G/T/M
<b>Video Codecs</b>	H.265/H.264/MJPEG	H.265/H.264/MJPEG
<b>PoE Class</b>	IEEE 802.3af	IEEE 802.3af
<b>MOBOTIX App Support</b>	No	No
<b>Integrated Loudspeaker/Microphone</b>	No / No	No / No
<b>Interfaces</b>	RJ45 - Alarm in x2, Alarm out x1, Terminal Block - DC12V Terminal Block - AC24V Terminal Block - Audio in 3.5 mm Jack - Audio out 3.5 mm Jack - CVBS Connector	RJ45 - Alarm in x2, Alarm out x1, Terminal Block - DC12V Terminal Block - AC24V Terminal Block - Audio in 3.5 mm Jack - Audio out 3.5 mm Jack - CVBS Connector
<b>MTBF (h)</b>	95.000	95.000



MOBOTIX MOVE Bullet ALPR