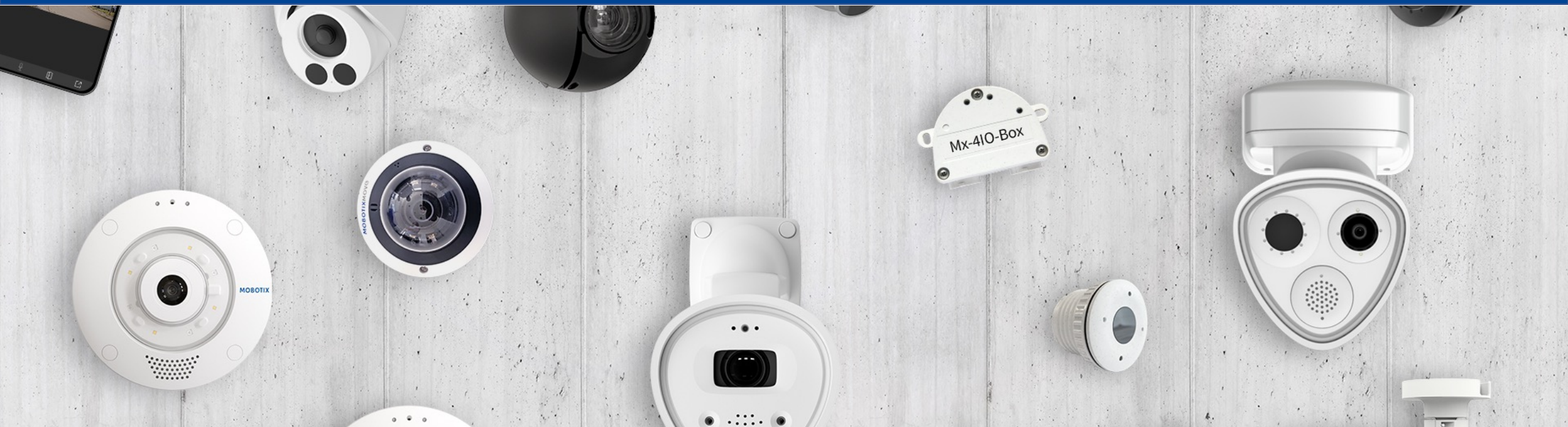


MOBOTIX Video Systems

Features at a glance

Active camera and thermal portfolio | September 2026



The active portfolio organizes three platforms into nine clear solution areas

Guidance by platform, form factor and application

MOBOTIX ONE

M ONE | S ONE Dual | c ONE

Edge AI, 64 GB ex works, 5-year warranty

ONE

MOBOTIX 7

M73 | D71 | Q71 | p71 | v71 | p71 Thermal

Modular, app-enabled, optical and thermal

P7

MOBOTIX MOVE

MD1A | VD2A | SD1A | VH1A | VT1A | VM1A | VB2A

ONVIF-based specialized form factors

MOVE

M ONE and M73 form the current M-Design portfolio

M ONE for integrated simplicity, M73 for modular optical-thermal systems

Feature	M ONE	M73
Platform	MOBOTIX ONE	MOBOTIX 7 (P7)
Max. resolution	4K UHD, 3840 × 2160	4K per optical sensor; thermal up to 640 × 480
Sensors	1 optical day/night sensor	Up to 2 sensors, optical and/or thermal
Lens options H × V	Fixed: 120° × 60° to 15° × 8.5°; varifocal available	180° × 180° to 8° × 4.5°
Max. frame rate	30 fps @ 4K	30 fps optical; thermal varies by model
WDR / storage	Up to 120 dB / 64 GB microSD	Up to 120 dB optical / 8 GB microSD
Protection / temperature	IP66, IK10 / -40 to 65 °C	IP66, IK10, NEMA 4X / -40 to 65 °C
Light / audio	Integrated IR / microphone + speaker	Optional / optional
Apps / ONVIF	ActivitySensor ONE / G, S, T	Certified Apps / G, S, T
PoE / MTBF	Class 3 / 100,000 h	Class 3/4 / 80,000 h



M ONE
Mx-ONE-M1A-S-8DN040



M73
Mx-M73A-RJ45

D71 and v71 cover robust and discreet fixed-dome scenarios

Both families are available in 4 MP Ultra LowLight and 4K

Feature	D71	v71
Platform	MOBOTIX 7 (P7)	MOBOTIX 7 (P7)
Resolution options	4 MP Ultra LowLight or 4K	4 MP Ultra LowLight or 4K
Lenses H × V	95° × 50° to 15° × 8.5°	95° × 50° to 15° × 8.5°
Max. frame rate / WDR	30 fps / up to 120 dB	30 fps / up to 120 dB
Storage	8 GB microSD	8 GB microSD
Protection	IP66, IK10, NEMA 4X	IP40, IK10
Temperature	−40 to 65 °C	−10 to 50 °C
IR / Audio	IR / Microphone + speaker	IR / Microphone + speaker
Apps / ONVIF	Certified Apps / G, S, T	Certified Apps / G, S, T



D71
Mx-D71B-8DN050



v71
Mx-v71B-8DN050

MOVE Fixed Dome focuses on MD1A and VD2A

Compact indoor installation or vandal-resistant outdoor camera

Feature	MD1A-5-IR	VD2A-5-IR-VA
Form factor	Micro Dome	Vandal Dome
Max. resolution	5 MP, 2720 × 1976	5 MP, 2720 × 1976
Lens	Fixed, 108.3° × 76.5°	Varifocal, 102.1°–31.5° × 70.3°–22.7°
Max. frame rate / WDR	30 fps / up to 120 dB	30 fps / up to 130 dB
Protection	Indoor, IK08	IP66, IK10
Temperature	–30 to 55 °C	–55 to 60 °C
IR / storage	IR / optional microSD	IR / optional microSD
ONVIF	S, G, T	S, G, T, M
Audio	Microphone + speaker	Audio line in/out



MD1A-5-IR
Mx-MD1A-5-IR



VD2A-5-IR-VA
Mx-VD2A-5-IR-VA

Two current PTZ systems cover 5 MP to 4K at long range

SD1A-540 for classic IR PTZ tasks, SD1A-831 with additional LiDAR

Feature	SD1A-540-IR-VA	SD1A-831-LIR-VA
Max. resolution	5 MP, 2720 × 1976	8 MP / 4K, 3864 × 2180
Lens H × V	62.6°–1.9° × 48.8°–1.4°	61.8°–2.2° × 35.9°–1.3°
Max. frame rate	30 fps @ 5 MP	30 fps @ 4K
WDR	Up to 130 dB	Up to 130 dB
IR / additional sensors	IR	Long-range IR + LiDAR
Protection	IP66, IK10	IP66, IK10
Temperature	–40 to 55 °C	–40 to 55 °C
ONVIF / PoE	S, G, T, M / 802.3bt	S, G, T, M / 802.3bt
Storage / audio	Optional / line in/out	Optional / line in/out



SD1A-540-IR-VA
Mx-SD1A-540-IR-VA



SD1A-831-LIR-VA
Mx-SD1A-831-LIR-VA

c ONE simplifies 360° room security; Q71 delivers maximum hemispheric resolution

Two current IoT platforms for complete room coverage

Feature	c ONE	Q71
Platform	MOBOTIX ONE	MOBOTIX 7 (P7)
Max. resolution	2160 × 2160, 1:1	2880 × 2880, 12 MP
Lens / coverage	180° hemispheric / 360° room	180° hemispheric / 360° room
Max. frame rate / WDR	30 fps / up to 120 dB	30 fps / up to 120 dB
Storage	64 GB ex works, up to 2 TB	8 GB microSD
Light	IR + white light	IR
Audio	Microphone + speaker	Microphone + speaker
Protection / temperature	IP40 / -20 to 40 °C	IP40 / -10 to 50 °C
Apps / ONVIF	Edge-AI & Apps / G, S, T	Certified Apps / G, S, T



c ONE
Mx-ONE-c1A-S-8DN016



Q71
Mx-Q71A-12DN016

VH1A combines 12 MP with robust 360° MOVE architecture

Vandal-resistant hemispheric camera for large indoor and outdoor areas



VH1A-12-IR-VA | Mx-VH1A-12-IR-VA

Feature	VH1A-12-IR-VA
Platform	MOBOTIX MOVE
Max. resolution	12 MP, 4072 × 3046
Max. frame rate	27 fps at 8.9 MP; 30 fps at 2048 × 2048
Lens	180° × 180°, fixed
WDR	Up to 120 dB
Protection	IP66, IK10
Temperature	−40 to 55 °C
IR / storage	IR / optional microSD
ONVIF / Codecs	S, G, T, M / H.265, H.264, MJPEG

p71 and two MOVE turrets cover discreet interiors and robust outdoor areas

IoT app platform meets compact MOVE form factors

Feature	p71	VT1A-5-IR	VT1A-503-IR
Platform	MOBOTIX 7 (P7)	MOVE	MOVE
Resolution	4 MP Ultra LowLight or 4K	5 MP	5 MP
Lens	Fixed: 120° to 15°	Fixed	Varifocal: 102.1°–31.5°
Frame rate / WDR	30 fps / 120 dB	30 fps / 120 dB	30 fps / 120 dB
Protection	IP40	IP66, IK10	IP66, IK10
Temperature	–10 to 50 °C	–55 to 60 °C	–55 to 60 °C
IR / storage	IR / 8 GB	IR / optional	IR / optional
Apps / ONVIF	Certified Apps / G,S,T	– / S,G,T,M	– / S,G,T,M
Audio	Microphone + speaker	No	No



p71
Mx-p71B-8DN040



VT1A-5-IR
Mx-VT1A-5-IR



VT1A-503-IR
Mx-VT1A-503-IR

S ONE Dual and VM1A solve multidirectional tasks with different system concepts

Two freely positionable 4K sensors or four integrated 5 MP sensors

Feature	S ONE Dual	VM1A-20-IR-VA
Platform	MOBOTIX ONE	MOBOTIX MOVE
Sensors	2 × 4K UHD, freely positionable	4 × 5 MP, integrated 360° arrangement
Max. frame rate / WDR	30 fps per 4K sensor / 120 dB	Up to 30 fps / up to 130 dB
Storage	64 GB ex works, up to 2 TB	Optional microSD
Protection	IP66, IK10, NEMA 4X	IP66, IK10
Temperature	−40 to 65 °C	−55 to 60 °C
Analytics	MxActivitySensor ONE simultaneously on both channels	MOVE Video Analytics
Audio	Microphone in sensor module; external speaker	Audio line in/out
Power	PoE Class 3, approx. 9 W in dual operation	PoE
MTBF	100,000 h	95,000 h



S ONE Dual
Mx-ONE-S1A-D



VM1A-20-IR-VA
Mx-VM1A-20-IR-VA

VB2A-5-IR-VA is the current MOVE bullet system

5 MP, motorized varifocal lens and video analytics for robust outdoor applications



VB2A-5-IR-VA | Mx-VB2A-5-IR-VA

Feature	VB2A-5-IR-VA
Platform	MOBOTIX MOVE
Max. resolution	5 MP, 2720 × 1976
Lens	Motorized varifocal, 102.1°–31.5° × 70.3°–22.7°
Max. frame rate	30 fps
WDR	Up to 130 dB
Protection	IP66, IK10
Temperature	–55 to 60 °C
IR / storage	IR / optional microSD
ONVIF / Codecs	S, G, T, M / H.265, H.264, MJPEG

The active thermal portfolio spans compact detection to certified early fire detection

p71 Thermal and M73 bundles for indoor, perimeter and industrial use

System	p71 Thermal	M73 EN54 V2/V3	M73 FM 3260	M73 Irisity Intrusion
Order family	Mx-p71TB-320T080	6 active M73TA variants	Mx-M73TA-C640R050-FM	T040 / T080 / T150
Thermal sensor	ECO 320	320/336 or 640 VGA	640 × 480 VGA Radiometry+	ECO 320
Thermal field of view	56° × 42°	95° to 25°, depending on model	95° × 76°	105° / 56° / 24°
Optical channel	No	Optional, up to 4K	Optional, up to 4K	4K: 120° / 60° / 30°
Core application	Compact indoor thermal detection	Early fire detection to EN54	Industrial fire protection to ANSI/FM 3260	Perimeter protection with Irisity app
Platform	MOBOTIX 7	MOBOTIX 7	MOBOTIX 7	MOBOTIX 7
Protection	IP40	IP66 / IK07	IP66 / IK07	IP66 / IK10



p71 Thermal
Mx-p71TB-320T080



M73 EN54 V3
Mx-M73TA-C640R050-EN54-V3



M73 FM 3260
Mx-M73TA-C640R050-FM



Irisity T040
Mx-M73TA-IRIS-INT-T040



Irisity T080
Mx-M73TA-IRIS-INT-T080



Irisity T150
Mx-M73TA-IRIS-INT-T150

Special Solutions turn active camera platforms into ready-to-deploy solutions

c ONE NurseAssist for care, M73 for certified thermal and perimeter applications

c ONE NurseAssist	Solution variant / selected partners Fall detection, prevention and lying-position monitoring for care environments	 c ONE NurseAssist
M73 FM 3260	Mx-M73TA-C640R050-FM VGA Radiometry+, 95° × 76°, independently tested industrial early fire detection	 Mx-M73TA-C640R050-FM
M73 EN54	V2/V3: 6 active variants 320/336/640 thermal, different fields of view, optional optical channel	 M73 EN54 V2/V3
M73 Irisity	Mx-M73TA-IRIS-INT-T040 / T080 / T150 Thermal + 4K + IR + preinstalled Irisity Iris Core Intrusion app	 Irisity T040/T080/T150