



MOBOTIX NEWS - June 2024

MOBOTIX ONE Camera Platform



- IoT cameras MOBOTIX ONE M1A-S
- Accessories
- VMS integration

Table of Contents

1. Webinar and software updates
2. IoT cameras MOBOTIX ONE M1A-S
3. Accessories MOBOTIX ONE M1A-S
4. VMS Integration MOBOTIX ONE M1A-S
5. Important links and MOBOTIX Campus updates

Notes:

This document is intended exclusively for MOBOTIX partners for information and requirements planning purposes and may not be published in this form (digitally or as a printout) - Delivery only to commercial customers - Prices plus VAT ex works Langmeil, Germany - Subject to change without notice - MOBOTIX accepts no liability for technical errors, misprints or omissions - © MOBOTIX AG 2024 - MOBOTIX is a registered trademark of MOBOTIX AG in the European Union, the USA and other countries - All rights reserved.

MOBOTIX MSRP prices are recommended net prices ex works (EXW), ex works in Germany. In some countries, MOBOTIX dealers must set higher local sales prices due to import regulations/customs duties.

Please note the delivery times for MOBOTIX ONE:

The new MOBOTIX ONE M1A-S cameras can be ordered now, with initial deliveries from the end of July 2024.

The official product launch will take place from June 20, 2024 (cameras and information on the MOBOTIX website).

1.

Webinar and Software Updates

1. Invitation to the Webinar

Take part in the online product announcement by our Campus team on June 20 or 27, 2024 (in German or English) and receive further product insights.

We look forward to your participation and your questions!

You can also find recordings of our webinars and many other courses free of charge at <https://www.mobotix-ecampus.com>

You do not yet have access to the **MOBOTIX eCampus**? Then send us a short e-mail to ecampus@mobotix.com



SAVE THE DATE:



Estimated duration: approx. 1 hour

English

08:30 and 16:00 CEST

▶ [REGISTER NOW](#)

German

14:00 CEST

▶ [REGISTER NOW](#)

SAVE THE DATE:



Estimated duration: approx. 1 hour

English

08:30 and 16:00 CEST

▶ [REGISTER NOW](#)

German

14:00 CEST

▶ [REGISTER NOW](#)

1. Current Software Updates: Overview

Updates 2024

2024:

- June 1: [MxMOVE NVR Release mb20240429NVR64](#), [MxMOVE NVR Release mb20240429NVR816](#), [MxMOVE Release mb20240430SX](#), [MxMOVE Release mb20240430UX](#), [MxMOVE Release mb20240430UX_8G_ALPR](#), [MxMOVE Release mb20240510TU](#), [MxMOVE Release mb20240520NX](#), [MxMOVE Release mb20240528BX](#)
- May 31: [MOBOTIX HUB Plug-Ins 2024-05-31](#), [MOBOTIX HUB Plug-Ins 2024-05-31 for Milestone XProtect](#)
- May 24: [MX Certified Apps Release 2024-05-17](#)
- April 8: [MOBOTIX HUB Driver 2024-03-15](#)
- March 28: [MOBOTIX HUB Plug-Ins 2024-03-28](#)
- March 28: [MX-System Release 7.3.4.23](#); [MOBOTIX Certified Apps Release 2024-03-22](#)
- March 15: [MOBOTIX HUB Security & Bugfix Patches 2024-03-15](#)
- March 15: [MxMOVE NVR release mb20240301NVR64](#); [MxMOVE NVR release mb20240301NVR816](#)
- March 15: [MxMOVE Release mb20240126SX](#); [MxMOVE Release mb20240130UX](#); [MxMOVE Release mb20240229BX](#); [MxMOVE Release mb20240229UX_8G_ALPR](#); [MxMOVE Release mb20240305YX](#); [MxMOVE Release mb20240314TU](#)
- February 28: [MxManagementCenter Release 2.8.1](#)
- February 13: [MX-System Release 7.3.4.12-r3](#)
- January 26: [MOBOTIX HUB Plug-Ins 2024-01-26](#); [MOBOTIX HUB Security & Bugfix Patches 2024-01-26](#)
- January 26: [MOBOTIX HUB Plug-Ins 2024-01-26 for Milestone XProtect](#)
- January 16: [MOBOTIX Certified Apps Release 2024-01-04](#)

Note: The very first [MOBOTIX mobile app](#) will no longer be updated and will only be available until it is removed by Apple.

Note on MOBOTIX Software Updates

Electronic systems also need to be updated from time to time to ensure that they function optimally. You should not hesitate to do so. Here are four good reasons why you should always consider updating your software:

- 1. Closing security gaps:** Security is the most important reason for updating software immediately.
- 2. New functions:** New functions can be added by installing updates. Technology is constantly changing and updates offer the latest features and improvements.
- 3. Improving performance:** Not all software updates are security-related, but contribute to improving the performance of the software.
- 4. Ensure compatibility:** Without updates, older video systems may not be able to work with newer video management systems, for example.

Click here to go to the software download area on the MOBOTIX website:

<https://www.mobotix.com/en/software-downloads>

2.

IoT Cameras

MOBOTIX ONE M1A-S



MOBOTIX

ONE



2. MOBOTIX ONE M1A-S

MOBOTIX ONE M1A-S - The unparalleled video security system

An extremely robust and maintenance-free IP video system made in Germany that impresses with both its outstanding, application-oriented design and its high-quality components: fiberglass-reinforced, salt-water-resistant housing, high-end processors and image sensors for excellent image quality - plus cyber-secure firmware developed by MOBOTIX with integrated AI video analysis tools for intelligent, video-based perimeter protection and intrusion detection at the highest level.

Typical areas of application:

- Professional HiRes video security solution for perimeter and property protection with extremely reliable AI-based intrusion detection

The most important advantages:

- Comprehensive codec support: H.264, H.265, MxPEG+ and MJPEG
- ONVIF profiles G, S, T for easy interoperability
- Large selection of optics with fixed focal lengths and varifocal lenses
- 4K UHD resolution for sharp and detailed images day and night
- Two integrated IR LED spotlights (near and far range)
- Wide dynamic range (WDR) with up to 120 dB
- HD audio: integrated speaker and microphone
- Internal DVR with 64 GB microSD card (up to 1TB possible)
- Integrated, new MOBOTIX ActivitySensor with AI-based object detection (people and vehicles)
- Ambient conditions: -40 to 65 °C, IP66, NEMA 4X and IK10
- Easy installation with proven VarioFlex bracket and concealed cable routing (as with M26/M16)
- 5-year guarantee, MTBF: 100,000 h

Security



2. The MOBOTIX Platform Concept



P7

- + State of the art features
- + AI-based video analysis apps
- + Made in Germany

P6



- + Proven assembly concept
- + Made in Germany

MOVE



- + Varifocal lenses
- + Market standards



MOBOTIX ONE

- + Made in Germany
- + State of the art features + market standards (SoC*)
- + P6 mounting concept, even easier with varifocal lens
- + AI-based video analysis (ActivitySensor AI)

*System on a Chip

2. MOBOTIX ONE M1A-S: Variants

Fixed lens 120°
Fixed lens 95°
Fixed lens 60°
Fixed lens 45°
Fixed lens 30°
Fixed lens 15°



M1A-S-FIX

M1A-S with fixed focal length lens

Image sensor (2 variants): 4K day & night; 4K night

Viewing angle (HxV), 6 fixed lens variants per image sensor:

- Wide (f/1.8): 120°x60°; 95°x50°; 60°x33°
- Normal (f/1.8): 45°x25°
- Telephoto (f/1.8): 30°x17°; 15°x8.5°

Varifocal Wide (4.3-9.3mm F/1.3/112-47°)
Varifocal Tele (11-29mm F/1.7/42-15°)



M1A-S-VARIO

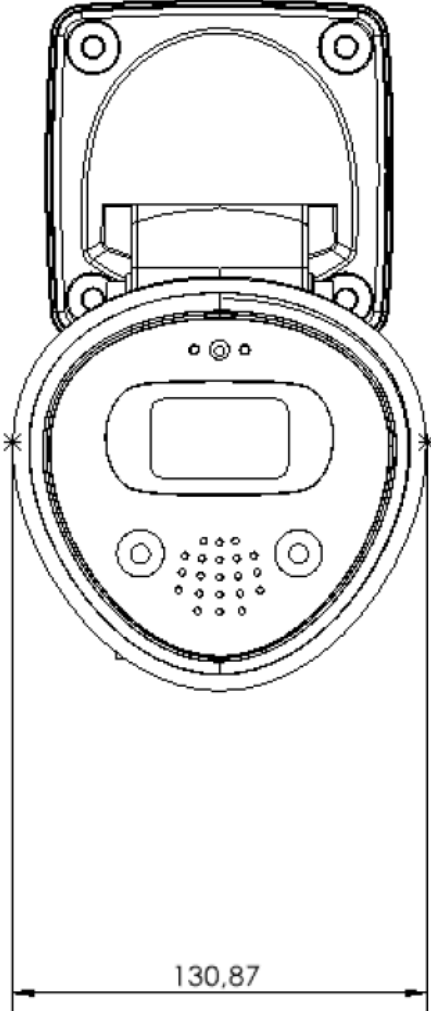
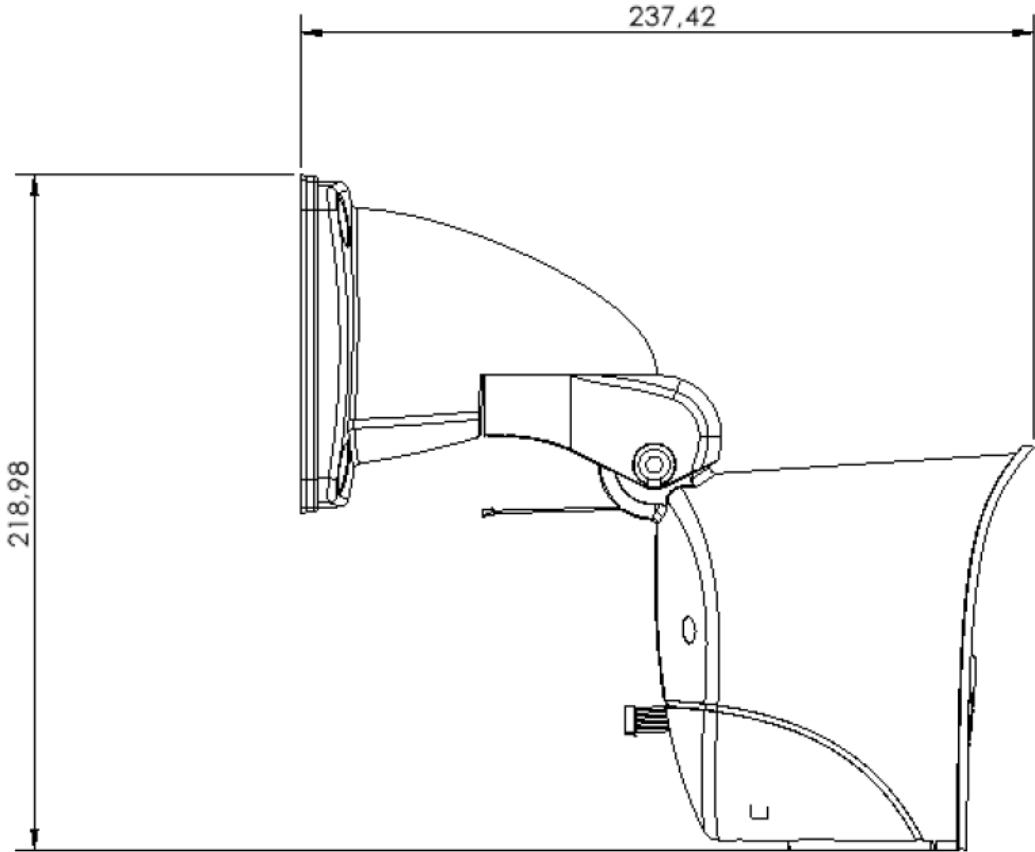
M1A-S with motorized varifocal lens

Image sensor (1 variant): 4K Day&Night

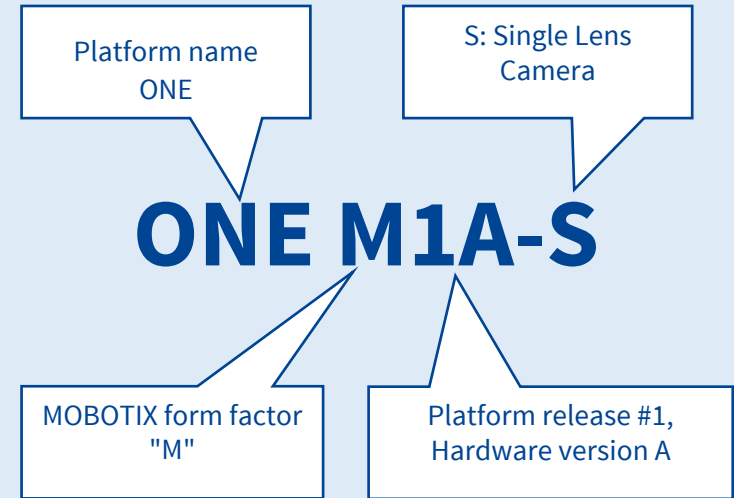
Viewing angle (HxV), 2 varifocal lens variants:

- Telephoto varifocal lens (f/1.7): 42°-15° (H) x 22.8°-8.4° (V)
- Wide-angle varifocal lens (f/1.3): 112°-47.5° (H) x 58°-26.6° (V)

2. MOBOTIX ONE M1A-S: Dimensions (in mm)



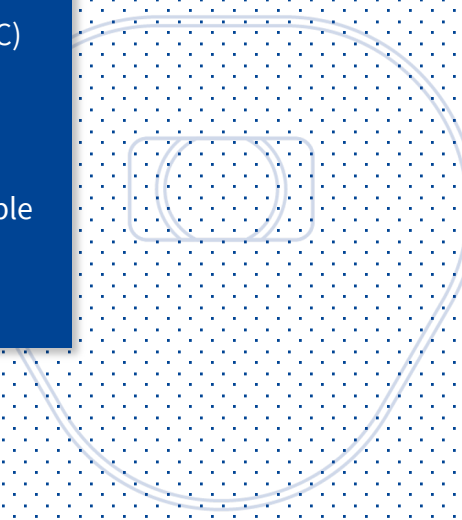
2. MOBOTIX ONE M1A-S: Details



2. MOBOTIX ONE: Advantages

Unparalleled DESIGN

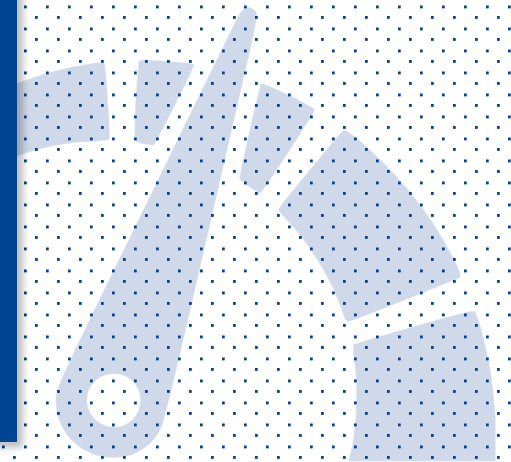
- MOBOTIX design tailored to professional applications
- MOBOTIX Real Distributed Architecture with high data and cyber security (MOBOTIX Cactus Concept)
- Durable and maintenance-free quality from German production
- Proven chemically resistant PBT housing (melting point >220 °C)
- IP66, IK10, ambient temperature: -40 to +65 °C
- Easy-to-install MOBOTIX mounting concept with concealed cable routing and varifocal optics



2. MOBOTIX ONE: Advantages

Unparalleled PERFORMANCE

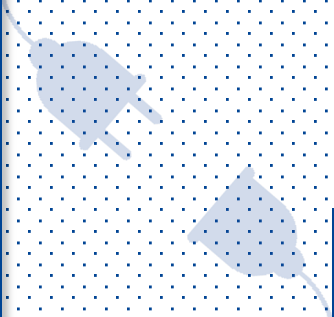
- 4K resolution for all variants (fixed/varifocal, day/night)
- Security-compliant frame rate: 30 fps @ 4K
- True distributed architecture with integrated analysis and recording (continuous/event-based)
- High-performance transmission of encrypted event metadata instead of image data
- Internal DVR with 64GB microSD card (optional up to 1TB)
- Integrated adaptive IR LED light with variable illumination focus up to 30 m
- Camera recordings can be protected against tampering with a digital certificate (watermark function)



2. MOBOTIX ONE: Advantages

Unparalleled CONNECTIVITY

- 3rd party integration of subscribers and IoT devices via ONVIF profile G/S/T and MQTT
- Compatible with existing M16/M26 brackets (easy migration)
- MOBOTIX HUB, CLOUD and ManagementCenter integration
- Software interface for future MOBOTIX camera apps (based on deep learning)

- 
- Video codecs: H.264, H.265, MxPEG+, MJPEG
 - Integrated I/O (1x input, 2x potential-free relay outputs), 1x Audio Out
 - USB-C: Compatible with Mx-4IOA box - additional weatherproof connection of external sensors and switching of external devices with 4 galvanically isolated inputs and 4 relay outputs
 - Power supply via network cable (PoE class 3, max. 12.95 W) or via 12/24V DC (for mobile applications)

2. MOBOTIX ONE: Advantages

Unparalleled PICTURE QUALITY

- 24/7 sharp and clear image quality thanks to high-resolution image sensor and application-optimized MOBOTIX Image Engine
- Intelligent continuous recording with event-controlled change to maximum resolution and frame rate
- Up to 15 seconds pre-alarm recording (ring buffer)
- Fixed lens or varifocal variants with a wide angle of view (15° to 120°)
- Powerful 120 dB WDR
- Improved low-light performance with outstanding image quality even in very poorly lit environments

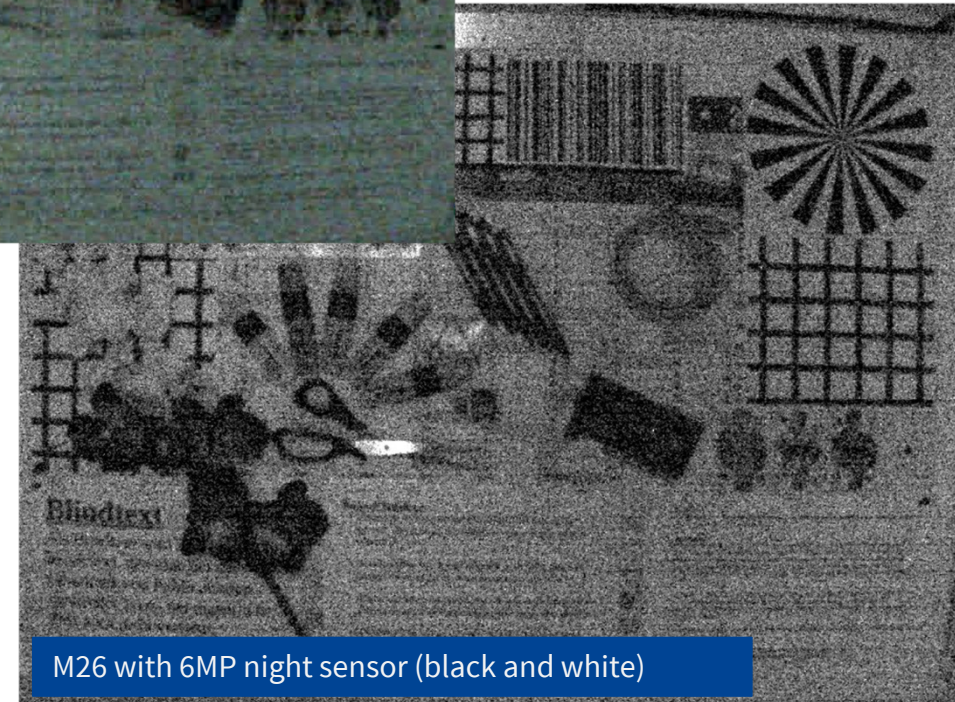
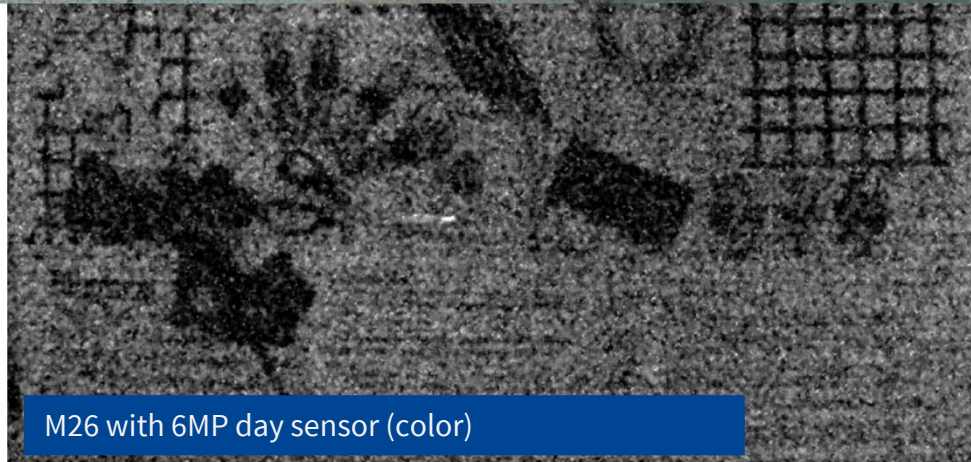
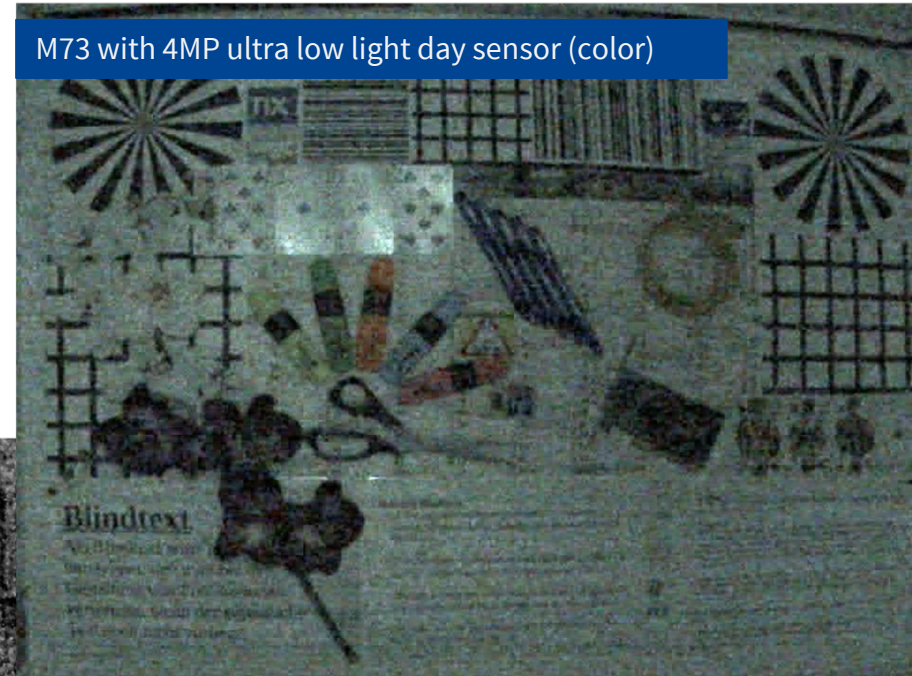
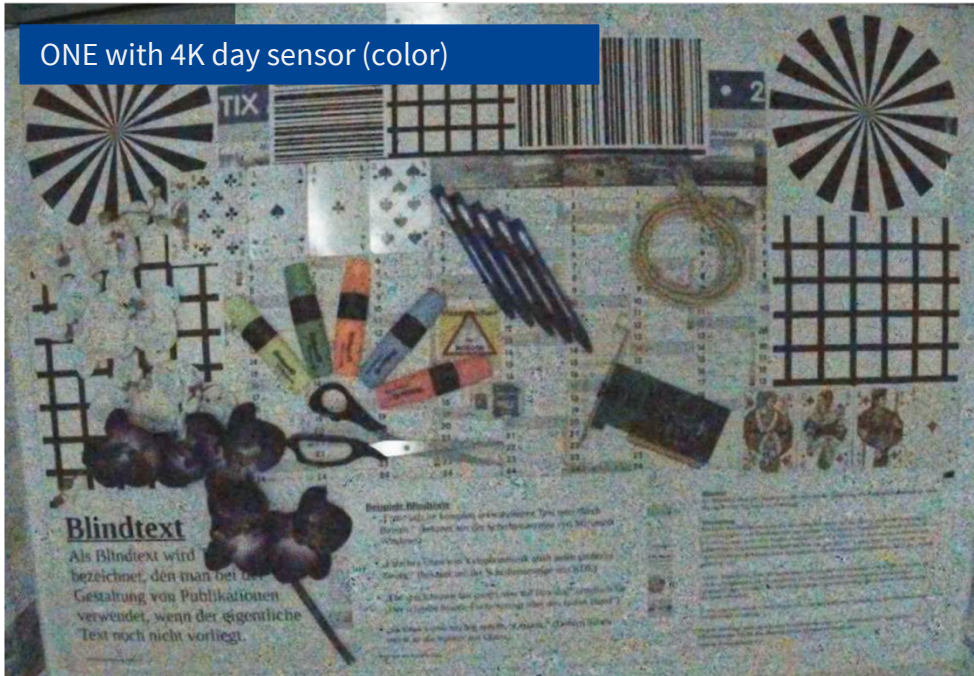


MOBOTIX ONE: Improved Low-Light Performance

Color sensor (day): 0,1 lx @ 1/60s; 0,005 lx @ 1s

BW sensor (night): 0,02 lx @ 1/60s; 0,001 lx @ 1s

Test scene with < 0.5 lux residual light



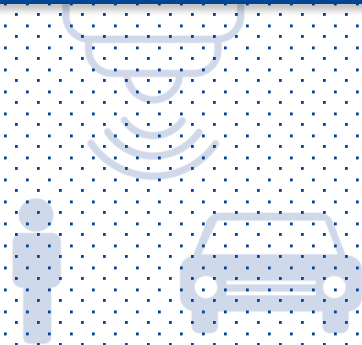
MOBOTIX ONE: Improved WDR Performance



2. MOBOTIX ONE M1A-S: Advantages

Unparalleled ACTIVITY SENSOR

- Including AI-based object detection: Reliable detection of the movement and direction of objects classified as a person or vehicle (car, truck, bus, motorcycle, bicycle)
- Focus on monitoring and security applications with optimized perimeter and intrusion detection
- No more restrictions as with conventional image analysis tools (based on video movement)



- Significant reduction in false alarms
- Increased accuracy in the detection of relevant objects and movements (up to 98%)
- Determination of the areas of interest within the camera image
- Works indoors and outdoors, day and night
- Easy installation and daily use

2. MOBOTIX ONE M1A-S: Advantages

Unparalleled ROI

- The camera also works without a server and network connection (only power supply required, ready for mobile applications)
- Free on-board analytics with ActivitySensor (based on deep learning)
- Internal DVR (up to 1 TB) requires no additional recording software or NVR
- Industry standard microSD 64GB already included

- Integrated bidirectional and lip-synchronized high-end audio without accessories
- Durable hardware quality: 5-year warranty, MTBF > 10 years
- Free MOBOTIX ManagementCenter
- Always up to date thanks to free, lifelong software and function updates

2. MOBOTIX ONE: New Activity Sensor AI recognizes and tracks People



2. M1A-S Fixed Lens Cameras (Day&Night Sensor, Color/BW): Ordering Information

M1A-S-FIX



Order information Camera		MSRP price*
Model name Order number	Description	
M1A-S with 4K DN040 (day/night), 120°x60° Mx-ONE-M1A-S-8DN040	M1A single IP camera with B040 premium wide-angle lens and IR cut filter for day and night use, aperture: f/1.8, max. image angle (HxV): 120°x60° - Max. Image size: 4K UHD (3840 x 2160 pixels), 16:9 - ONVIF-compliant (profile G, S, T) MOBOTIX ONE system platform with H.264 (triple streaming), H.265, MxPEG+ and M-JPEG - WDR: up to 120dB, IR LEDs (up to 30m) - HD audio with integrated microphone and speaker - Temperature sensor, MxActivitySensor, vibration sensor, Ambient Light Sensor - Function extensions (via optional MOBOTIX modules): 1x USB-C compatible with P7 expansion boxes - Operating conditions: IP66/IK10, -40 to 65 °C - Internal DVR: 64 GB microSD (for MxPEG+ recordings) - Max. Power consumption: 12.95 W, power supply via network cable, PoE Class 3 (IEEE 802.3af) or 12/24VDC external power supply - Connections: 1x RJ45 socket for weatherproof network connection via MOBOTIX patch cable (Ethernet 1000BaseT), I/O (1x input, 2x outputs), 1x Audio Out, 1x 12/24VDC input, 1x USB-C - Software interface for MOBOTIX Camera Apps (based on Deep Learning) - Housing: PBT-30GF - Color: white - Warranty: 5 years (optionally extendable up to 8 years)	<p>On request from your MOBOTIX partner: https://www.mobotix.com/en/find-a-partner</p>
M1A-S with 4K DN050 (day/night), 95°x50° Mx-ONE-M1A-S-8DN050	M1A-Single IP camera with premium wide-angle lens B050 and IR cut filter for day and night use, aperture: f/1.8, max. picture angle (HxV): 95°x50° - Other data as Mx-ONE-M1A-S-8DN040	
M1A-S with 4K DN080 (day/night), 60°x33° Mx-ONE-M1A-S-8DN080	M1A-Single IP camera with premium wide-angle lens B080 and IR cut filter for day and night use, aperture: f/1.8, max. picture angle (HxV): 60°x33° - Other data as Mx-ONE-M1A-S-8DN040	
M1A-S with 4K DN100 (day/night), 45°x25° Mx-ONE-M1A-S-8DN100	M1A-Single IP camera with premium standard lens B100 and IR cut filter for day and night use, aperture: f/1.8, max. angle of view (HxV): 45°x25° - Other data as Mx-ONE-M1A-S-8DN040	
M1A-S with 4K DN150 (day/night), 30°x17° Mx-ONE-M1A-S-8DN150	M1A-Single IP camera with premium telephoto lens B150 and IR cut filter for day and night use, aperture: f/1.8, max. picture angle (HxV): 30°x17° - Other data as Mx-ONE-M1A-S-8DN040	
M1A-S with 4K DN280 (day/night), 15°x8.5° Mx-ONE-M1A-S-8DN280	M1A-Single IP camera with B280 premium telephoto lens and IR cut filter for day and night use, aperture: f/1.8, max. angle of view (HxV): 15°x8.5° - Other data as Mx-ONE-M1A-S-8DN040	

*MOBOTIX MSRP prices are recommended net sales prices Ex Works (EXW), ex works in Germany. In some countries, MOBOTIX distributors have to set higher local sales prices due to import regulations/customs duties.

2. M1A-S Fixed Lens Cameras (Night Sensor, BW): Ordering information

M1A-S-FIX



Order information Camera		MSRP price*
Model name Order number	Description	
M1A-S with 4K N040 (night), 120°x60° Mx-ONE-M1A-S-8N040	M1A single IP camera with B040 premium wide-angle lens and black and white sensor for use at night, aperture: f/1.8, max. image angle (HxV): 120°x60° - Max. Image size: 4K UHD (3840 x 2160 pixels), 16:9 - ONVIF-compliant (profile G, S, T) MOBOTIX ONE system platform with H.264 (triple streaming), H.265, MxPEG+ and M-JPEG - WDR: up to 120dB, IR LEDs (up to 30m) - HD audio with integrated microphone and speaker - Temperature sensor, MxActivitySensor, vibration sensor, Ambient Light Sensor - Function extensions (via optional MOBOTIX modules): 1x USB-C compatible with P7 expansion boxes - Operating conditions: IP66/IK10, -40 to 65 °C - Internal DVR: 64 GB microSD (for MxPEG+ recordings) - Max. Power consumption: 12.95 W, power supply via network cable, PoE Class 3 (IEEE 802.3af) or 12/24VDC external power supply - Connections: 1x RJ45 socket for weatherproof network connection via MOBOTIX patch cable (Ethernet 1000BaseT), I/O (1x input, 2x outputs), 1x Audio Out, 1x 12/24VDC input, 1x USB-C - Software interface for MOBOTIX Camera Apps (based on Deep Learning) - Housing: PBT-30GF - Color: white - Warranty: 5 years (optionally extendable up to 8 years)	On request from your MOBOTIX partner: https://www.mobotix.com/en/find-a-partner
M1A-S with 4K N050 (night), 95°x50° Mx-ONE-M1A-S-8N050	M1A-Single IP camera with premium wide-angle lens B040 and black and white sensor for use at night, aperture: f/1.8, max. picture angle (HxV): 95°x50° - Other data as Mx-ONE-M1A-S-8N040	
M1A-S with 4K N080 (night), 60°x33° Mx-ONE-M1A-S-8N080	M1A-Single IP camera with premium wide-angle lens B040 and black and white sensor for use at night, aperture: f/1.8, max. picture angle (HxV): 60°x33° - Other data as Mx-ONE-M1A-S-8N040	
M1A-S with 4K N100 (night), 45°x25° Mx-ONE-M1A-S-8N100	M1A-Single IP camera with premium wide-angle lens B040 and monochrome sensor for use at night, aperture: f/1.8, max. picture angle (HxV): 45°x25° - Other data as Mx-ONE-M1A-S-8N040	
M1A-S with 4K N150 (night), 30°x17° Mx-ONE-M1A-S-8N150	M1A-Single IP camera with premium wide-angle lens B040 and monochrome sensor for use at night, aperture: f/1.8, max. picture angle (HxV): 30°x17° - Other data as Mx-ONE-M1A-S-8N040	
M1A-S with 4K N280 (night), 15°x8.5° Mx-ONE-M1A-S-8N280	M1A-Single IP camera with premium wide-angle lens B040 and monochrome sensor for use at night, aperture: f/1.8, max. picture angle (HxV): 15°x8.5° - Other data as Mx-ONE-M1A-S-8N040	

*MOBOTIX MSRP prices are recommended net sales prices Ex Works (EXW), ex works in Germany. In some countries, MOBOTIX distributors may have to set higher local sales prices due to import regulations/customs duties.

2. M1A-S Varifocal Lens Cameras (Day&Night Sensor, Color/BW): Ordering Information

M1A-S-VARIO



Order information Camera		MSRP price*
Model name Order number	Description	
M1A-S with 4K DN telephoto varifocal lens (day/night), 42° - 15° Mx-ONE-M1A-S-8DNTELE	M1A single IP camera with premium telephoto varifocal lens and IR cut filter for day and night use, aperture: f/1.7, max. image angle H: 42°x15°, V:22.8°-8.4° - Max. Image size: 4K UHD (3840 x 2160 pixels), 16:9 - ONVIF-compliant (profile G, S, T) MOBOTIX ONE system platform with H.264 (triple streaming), H.265, MxPEG+ and M-JPEG - WDR: up to 120dB, IR LEDs (up to 30m) - HD audio with integrated microphone and speaker - Temperature sensor, MxActivitySensor, vibration sensor, Ambient Light Sensor - Function extensions (via optional MOBOTIX modules): 1x USB-C compatible with P7 expansion boxes - Operating conditions: IP66/IK10, -40 to 65 °C - Internal DVR: 64 GB microSD (for MxPEG+ recordings) - Max. Power consumption: 12.95 W, power supply via network cable, PoE Class 3 (IEEE 802.3af) or 12/24VDC external power supply - Connections: 1x RJ45 socket for weatherproof network connection via MOBOTIX patch cable (Ethernet 1000BaseT), I/O (1x input, 2x outputs), 1x Audio Out, 1x 12/24VDC input, 1x USB-C - Software interface for MOBOTIX Camera Apps (based on Deep Learning) - Housing: PBT-30GF - Color: white - Warranty: 5 years (optionally extendable up to 8 years)	On request from your MOBOTIX partner: https://www.mobotix.com/en/find-a-partner
M1A-S with 4K DN wide-angle varifocal lens (day/night), 112° - 47.5° Mx-ONE-M1A-S-8DNWIDE	M1A-Single IP camera with premium wide varifocal lens and IR cut filter for day and night use, aperture: f/1.3, max. angle of view H: 112°x47.5°, V:58°-26.6° - Other data as Mx-ONE-M1A-S-8DNTELE	

*MOBOTIX MSRP prices are recommended net sales prices Ex Works (EXW), ex works in Germany. In some countries, MOBOTIX distributors have to set higher local sales prices due to import regulations/customs duties.

3.

Accessories

MOBOTIX ONE M1A-S

3. MOBOTIX ONE M1A-S: Accessories

Order information Camera		MSRP price*
Model name Order number	Description	
Ceiling Mount for ONE M1A-S Cameras Mx-M-CM-M1	Suitable for: ONE M1A-S • Mounting set to convert the VarioFlex wall mount into a ceiling mount • Incl. mount, M6x30 connection screw, washer, M6 nut and rubber seal • Turning/tilting (mechanically): 360° horizontally, -90° to +20° vertically • Suspended ceiling installation with additional MxTubeMount (MX-MT-TUBE)	On request from your MOBOTIX partner: https://www.mobotix.com/en/find-a-partner
MxTubeMount ceiling suspension system MX-MT-TUBE	For ceiling suspension of ONE M1A-S cameras (can be mounted directly on the MxTubeMount via MX-DH-M24-SecureFlex ceiling bracket) - Incl. drop-down protection wire (length: 2.2 m) - Additionally required MxTube suspension tube in 1 m or 2 m length can be ordered separately (MX-MT-TUBE100, MX-MT-TUBE200) - Suspension can also be carried out with standard tubes as an alternative: Outer diameter 30 mm or 26.9 mm (corresponds to R3/4" according to DIN 2440), max. length: 2 m, max. weight: 2.5 kg, color white	
MxTube, 1 m: MX-MT-TUBE100	Suspension tube for MxTubeMount - Length: 1 m - Anodized aluminium - Outer diameter: 30 mm, wall thickness: 2 mm	
MxTube, 2 m: MX-MT-TUBE200	Suspension tube for MxTubeMount - Length: 2 m - Anodized aluminium - Outer diameter: 30 mm, wall thickness: 2 mm	
Pole mount for M1x/M2x MX-MH-SecureFlex-ESWS	Suitable for: M1x, M2x, ONE M1A-S - For mounting the standard VarioFlex camera wall bracket - Made of 3 mm stainless steel, painted white) - Incl. mounting material and 2 stainless steel straps for pole diameters 60 to 180 mm	

*MOBOTIX MSRP prices are recommended net sales prices Ex Works (EXW), ex works in Germany. In some countries, MOBOTIX distributors have to set higher local sales prices due to import regulations/customs duties.



3. MOBOTIX ONE M1A-S: Accessories

The MOBOTIX accessories listed here can be used for the network connection and PoE power supply (in accordance with the IEEE 802.3af standard) of the MOBOTIX ONE M1A-S.

Order information Camera		MSRP price*
Model name Order number	Description	
Ethernet patch cable 1m/2m/5m/10m MX-OPT-CBL-LAN-1/2/5/10	Ethernet patch cable for MOBOTIX systems - 2x RJ 45 plugs with special MOBOTIX sealing ring - length 1 m/3.3 ft Length 2 m/6.6 ft Length 5 m/16.4 ft Length 10 m/33 ft	On request from your MOBOTIX partner: https://www.mobotix.com/en/find-a-partner
Power Adapter for MOBOTIX cameras Mx-F-NPAA	Weatherproof power supply with up to 25.5W and network connector - Requires power supply via power supply units and batteries from 12 to 24 V DC (min. 35W) - Protection class IP66/IK08, -30 to 50 °C - Important note: Only MOBOTIX patch cables may be used to connect to the MOBOTIX cameras	
Network connector with Overvoltage protection MX-Overvoltage-Protection-Box-RJ45 MX-Overvoltage-Protection-Box-LSA	RJ45 variant: Weatherproof connection of two MOBOTIX patch cables (RJ45, one from the camera) - Protects a MOBOTIX camera from overvoltages of up to 4 kV on the PoE network cable - IP66/IK08 protection rating, -30 to 60 °C - Box can be mounted in the wall bracket of the M1A-S , M1x, M2x, D1x, D2x for access protection LSA variant: Weatherproof connection of a MOBOTIX patch cable (RJ45, from the camera) and the network installation cable	
PoE Power Adapter Set, INT MX-NPA-PoE-INT set	PoE injector MX-NPA-PoE incl. crossover function for direct connection to PC and camera - PoE-compatible power supply (IEEE 802.3af) - With 4 interchangeable mains plugs for Europe, UK, USA and Australia - Set includes blue adapter with 3 RJ45 sockets and multi-range power supply unit with RJ45 plug	
PoE Power Adapter Set, INT MX-CBL-NPA-BAT-2	NPA-PoE battery cable - For supplying the camera via batteries in the range from 12 to 24 volts - With self-resetting fuse - RJ45 connection to the PoE injector, "+/-" connection to the power source - Can only be used with MX-NPA-PoE injector - Length: 2 m/6.6 ft	

*MOBOTIX MSRP prices are recommended net sales prices Ex Works (EXW), ex works in Germany. In some countries, MOBOTIX distributors have to set higher local sales prices due to import regulations/customs duties.



3. MOBOTIX ONE M1A-S: Accessories

The weatherproof input/output box for MOBOTIX 7 cameras, available since March 2024, also adds four inputs and four outputs to the **MOBOTIX ONE M1A-S**. The switching outputs can be used to switch external devices or loads with the following specifications **AC/DC up to 50V or 60W or 2A**. A MOBOTIX sensor cable must be used to connect the box to the M1A-S. **Please** note that the MOBOTIX ONE M1A-S has a USB-C connection but **no** MxBus connection. It is therefore not possible to connect MxBus modules/boxes directly. A GPS box that can be connected directly to MOBOTIX 7 and MOBOTIX ONE cameras via USB-C will be available in 2024.

Order information Camera		MSRP price*
Model name Order number	Description	
Input/Output Box MOBOTIX 7/ONE Mx-F-4IOA	Weatherproof connection of external sensors and switching of external devices via MOBOTIX 7 and ONE cameras - Connection to the camera via USB-C - 4 galvanically isolated inputs, 4 relay outputs - Protection class IP66/IK08, -30 to 60 °C - Connection of external devices/switches/relays with cables of specification AWG26-AWG20 (0.14-0.5 mm) ²	On request from your MOBOTIX partner: https://www.mobotix.com/en/find-a-partner
Sensor cable, 1m Mx-A-S7A-CBL01	Sensor cable straight-straight, length 1 m/3.3 ft - For connecting the IO box to the ONE M1A-S , S74, D71, Q71, c71, p71, v71 camera and for connecting sensor modules to the S74	
Sensor cable, 2m Mx-A-S7A-CBL02	Sensor cable straight-straight, length 2 m/6.6 ft - For connecting the IO box to the ONE M1A-S , S74, D71, Q71, c71, p71, v71 camera and for connecting sensor modules to the S74	
Sensor cable, 3m Mx-A-S7A-CBL03	Sensor cable straight-straight, length 3 m/9.9 ft - For connecting the IO box to the ONE M1A-S , S74, D71, Q71, c71, p71, v71 camera and for connecting sensor modules to the S74	

*MOBOTIX MSRP prices are recommended net sales prices Ex Works (EXW), ex works in Germany. In some countries, MOBOTIX distributors have to set higher local sales prices due to import regulations/customs duties.



4.

VMS Integration MOBOTIX ONE M1A-S

4. MOBOTIX ONE M1A-S: VMS Integration



Easy integration into large and small video surveillance systems or standalone operation

The **MOBOTIX ONE M1A-S** camera can be easily integrated into **MxManagementCenter** (from 2.8.1), the **MOBOTIX Live App**, **MOBOTIX HUB** (with the new [MOBOTIX HUB Driver](#)) and the **MOBOTIX CLOUD** (“Direct to Cloud” supported with future firmware release). Of course, all ONVIF-based VMS systems are also supported by the new MOBOTIX ONE platform. Thanks to the integrated complete video system (decentralized architecture), the camera can also be used as a local or mobile system solution.

As with all MOBOTIX IoT cameras, direct access is also possible via a **standard web browser** - without any additional devices or licenses. Data is stored either on the camera itself (internal DVR: microSD card with 64 GB included, can be used up to 1 TB) on a NAS/NVR or in the CLOUD. With the significantly enlarged internal DVR, not only standalone applications benefit, but also failover storage, e.g. in the event of a temporary NAS failure (e.g. due to network faults).



5.

Important Links and MOBOTIX Campus Updates

Become Part of the MOBOTIX Community!



MOBOTIX Community



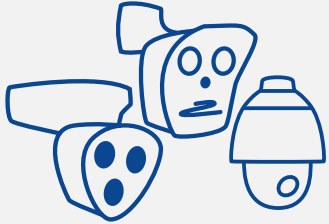
The MOBOTIX Community - support around the clock

Are you a MOBOTIX partner, customer, user or simply technically very interested in our innovative quality products such as the intelligent cameras "Made in Germany", MOBOTIX 7 camera apps with the latest AI technology or the modern VMS solutions such as MOBOTIX HUB or MOBOTIX CLOUD?

Visit our community platform now! Our technical support experts and experienced external users provide tips on setting up and using MOBOTIX solutions - and troubleshooting if necessary. In addition to a wealth of valuable technical information and tips, you can of course also exchange ideas with other members of the global MOBOTIX family in the user forum.

Important Links

Products



[Overview of the entire MOBOTIX product range...](#)

Software



[Download software, firmware, apps and driver packages...](#)

Documentation



[Technical documentation, white papers, technical drawings and more...](#)

Training courses



[Current dates for webinars, training courses and events...](#)

Price list (only available for certified partners)



[Price list in the MOBOTIX Partner Portal, including ETIM and DATANORM catalog](#)

MOBOTIX eCampus Updates

Online courses (eCampus): <https://mobotix-ecampus.com>

With eCampus, MOBOTIX offers you a complete e-learning platform. This allows you to decide when and where you want to view and edit training content. Simply open the page in your browser and select the training you want.

What's new?

- Improved page layout of eCampus with graphical user guidance
- Page language can be switched at any time (currently: DE and EN)
- Storage and retrieval of your previously acquired training certificates
- Learning Profile: Storage of the training courses you have already completed

➤ Do you already have personal access to our eCampus portal?

Then simply register here: <https://mobotix-ecampus.com>

➤ You don't have access data yet and want to have a look at eCampus first?

With the guest account (user name: **gast**, password: **mobotix**) you can also log in here and get an initial overview: <https://mobotix-ecampus.com>

➤ Would you like to receive personal eCampus access?

Then simply apply here: <https://www.mobotix.com/en/eCampus/request-access>

The screenshot displays the MOBOTIX eCampus website. At the top, there is a navigation bar with links for 'My Training', 'Catalog', 'Learning Profile', 'Contact', and 'Gerwin Müller'. Below the navigation bar is a large banner image. The main content area features a grid of course tiles, each with a representative image and a title: 'Product Announcements', 'Solutions & Portfolio', 'MOBOTIX 7', 'MOBOTIX 6', 'MOBOTIX MOVE', 'MOBOTIX Thermal Imaging', 'MOBOTIX Door Station', and 'MOBOTIX MxManagementCenter'. A search bar is located in the top right corner. An overlay window titled 'Learning profile' is shown in the bottom right, displaying a bar chart of completed learning units. A circular progress indicator shows 11% completion.

Category	Learning units
Without category	1/5
For Employees Only	1/23
Solutions & Portfolio	5/21
MOBOTIX MxManagementCenter	0/3
MOBOTIX Door Station	0/9
MOBOTIX 6	2/18
MOBOTIX Thermal Imaging	2/5
Basics	2/2
Product Announcements	0/14
MOBOTIX Camera Apps	0/16
MOBOTIX TOOLS	2/2
MOBOTIX CLOUD	1/4
MOBOTIX HUB	0/2

MOBOTIX Campus Trainings: <https://www.mobotix.com/en/support/trainings/trainingcalendar>

JULY 2024	Training	Language	Location	Registration Link
1	EMEA – MOBOTIX HUB Sales & Design	EN	Online (Training)	https://www.mobotix.com/en/node/19327
2	WORLD – MOBOTIX solutions from the industry, energy, healthcare, retail sectors	EN	Online (Webinar)	https://www.mobotix.com/en/node/19154
2	DE – MOBOTIX Lösungen aus den Bereichen Industrie, Energie, Gesundheitswesen, Einzelhandel	DE	Online (Webinar)	https://www.mobotix.com/de/node/18974
2	WORLD- MOBOTIX solutions from the industry, energy, healthcare, retail sectors	EN	Online (Webinar)	https://www.mobotix.com/en/node/19155
2	EMEA – MOBOTIX L1 Technical Specialist	EN	Online (Training)	https://www.mobotix.com/en/node/19328
2	ASIA – MOBOTIX Parking Solution (License Plate Recognition)	EN	Online(Webinar)	https://www.mobotix.com/en/node/19479
5	ASIA – Empowering MOBOTIX OCR/Barcode App to boost your Logistic Business	EN	Online (Webinar)	https://www.mobotix.com/en/node/19480
8	US - MOBOTIX HUB Sales & Design	EN	Online (Training)	https://www.mobotix.com/en/node/19336
9	DE – Aufbaukurs 2 Videosicherheitstechnik	DE	Classroom: Deutschland (MOBOTIX HQ)	https://www.mobotix.com/de/node/18895
9	ASIA – MOBOTIX Thermal Comparison	EN	Online (Webinar)	https://www.mobotix.com/en/node/19481
10	DE – Wärmebildtechnik	DE	Classroom: Deutschland (MOBOTIX HQ)	https://www.mobotix.com/de/node/18896
10	US – Basic Configuration & Application	EN	Online (Training)	https://www.mobotix.com/en/node/18771
10	ASIA – MOBOTIX IoT & MOVE in MxManagementCenter Environment	EN	Online (Training)	https://www.mobotix.com/en/node/19482
11	US – MOBOTIX L1 Technical Specialist	EN	Online (Training)	https://www.mobotix.com/en/node/19337

MOBOTIX Campus Trainings: <https://www.mobotix.com/en/support/trainings/trainingcalendar>

JULY 2024	Training	Language	Location	Registration Link
16	LATAM – MxManagement Center	EN	Online (Webinar)	https://www.mobotix.com/es/node/18783
16	LATAM – MOBOTIX Technology Training (3 Days)	ES	Classroom Training in Bogota	https://www.mobotix.com/de/node/19438
23	DE – MOBOTIX HUB Sales & Design	DE	Online (Training)	https://www.mobotix.com/de/node/18966
24	DE – MOBOTIX Technical Specialist (3 Tage)	DE	Online (Training)	https://www.mobotix.com/de/node/18967

Legal aspects of video and audio recording

When using products from MOBOTIX AG, all data protection regulations for image and sound surveillance must be observed. Depending on national legislation and the installation location of the cameras, the recording of image and sound data may be subject to documentation requirements or prohibited. All users of MOBOTIX products are therefore required to familiarize themselves with the applicable regulations and to comply with them. MOBOTIX AG is not liable for any unlawful use of its products.

BeyondHumanVision

MOBOTIX

MOBOTIX AG
Kaiserstrasse
67722 Langmeil
Germany

+49 6302 9816-0
info@robotix.com
www.robotix.com

MOBOTIX, the MOBOTIX Logo, MxControlCenter, MxEasy, MxPEG, MxDisplay and MxActivitySensor are trademarks of MOBOTIX AG registered in the European Union, the U.S.A. and in other countries • Subject to change without notice • MOBOTIX do not assume any liability for technical or editorial errors or omissions contained herein • All rights reserved • © MOBOTIX AG