

BE THE ONE



One of the most robust high-end built-in cameras in the world!

MOBOTIX S ONE Dual

Invisible strength. Visible impact.

- ✓ **Two 4K UHD Day&Night sensor modules for flexible alignment and brilliant image quality** – even in low light
- ✓ **Compact, robust housing** – can be installed behind panels, walls, or in devices
- ✓ **Certified resistance:** IP66, NEMA 4X, IK10 (sensor modules), -40°C to +65°C (-40 to 149 °F)
- ✓ **AI analysis on both sensor modules simultaneously:** Integrated ActivitySensor ONE for precise object and motion detection
- ✓ **Up to 2 TB internal memory:** 64 GB microSD card as standard
- ✓ **Codec variety:** H.264, H.265, MxPEG+, MJPEG
- ✓ **Versatile areas of application:** Vehicles, machines & industrial plants, barrier, access and logistics systems, security-critical areas with concealed camera architecture
- ✓ **Made in Germany:** Highest cyber security, 5-year warranty, extendable to up to 8 years



Find out more at
www.mobotix.com

MOBOTIX
BeyondHumanVision



DualMount – Two different directions
with just one camera

MOBOTIX S ONE Dual – Invisible strength. Visible impact.

The **innovative camera system** was developed specifically for applications in which conventional cameras are too large, too conspicuous, or too vulnerable—such as in vehicles, machines, access systems, or custom-made protective housings.

The MOBOTIX S ONE Dual combines two powerful **4K UHD sensor modules, including automatic day/night switching, with a compact, concealed camera housing**. The sensors can be flexibly positioned using one or two meter long cables – for one or two perspectives with the highest image quality and maximum discretion.

Areas of application

The MOBOTIX S ONE Dual offers **maximum flexibility with discreet integration**. Thanks to its robust design, modular 4K sensors, and intelligent video analysis, it is ideal for a wide range of applications:



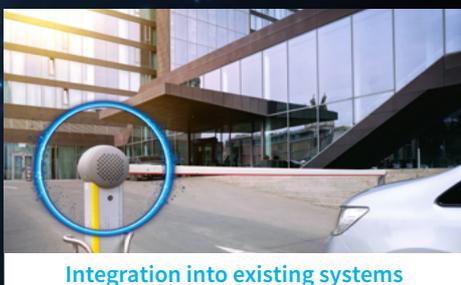
Safety in and around vehicles

Whether in buses, trains, or emergency vehicles, the MOBOTIX S ONE Dual can be installed discreetly and provides clear images both indoors and outdoors. Even in the presence of vibrations, moisture, or extreme temperatures, the image quality remains reliably high. It is also ideal for installation directly in car washes.



Industry & Production

The camera is a robust solution for production lines and machine monitoring. It detects unauthorized access or malfunctions at an early stage and provides reliable video data—even in harsh environments with dust, heat, or cold (-40 to 65 °C).



Access & barrier systems

The camera supports smart access control. Whether at factory entrances, parking garages, or sensitive security zones, it integrates seamlessly into existing systems and provides the appropriate video support for barrier and access solutions.

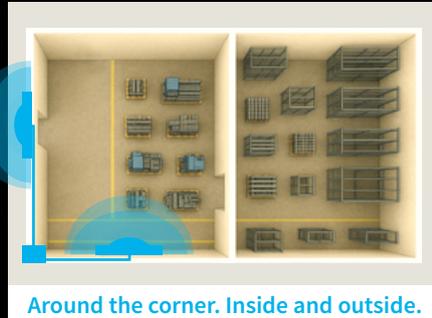
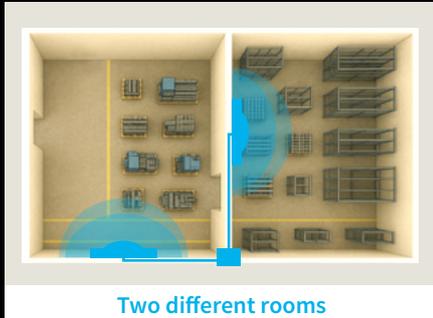


Discreet security solutions

The MOBOTIX S ONE Dual shows its strengths where classic cameras are disruptive. Hotels, museums, and reception areas benefit from its inconspicuous integration into walls, ceilings, or furniture – without compromising security.

Further application advantages

The MOBOTIX S ONE Dual enables the **simultaneous capture of two different areas** – whether mounted indoors, outdoors, or even around corners. This allows indoor and outdoor areas to be covered **with just one camera**.

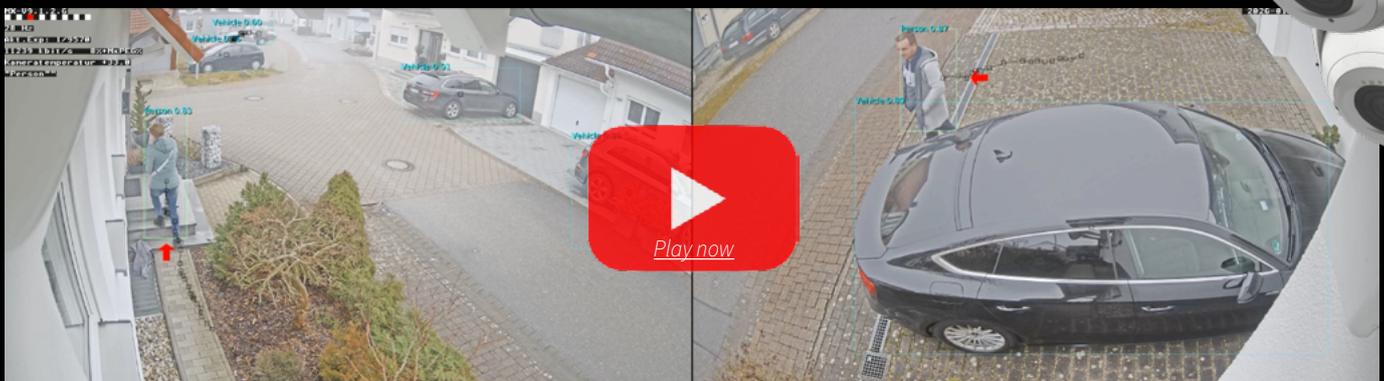


AI analysis on both sensor modules simultaneously

The MOBOTIX S ONE Dual sets new standards in terms of performance, modularity, and AI-supported object detection. With the **standard integrated ActivitySensor ONE**, the camera is inherently AI-ready – for demanding professional applications around the clock.

Thanks to **AI-based object recognition**, both sensor modules reliably detect the **movements and directions** of movement of people and vehicles (including cars, trucks, buses, motorcycles, and bicycles) **simultaneously but independently of each other**. In addition to classic video surveillance, the ActivitySensor ONE is also ideal for process optimization – for example, in industry, production, logistics, or healthcare. Intelligent analysis provides precise data to make workflows more efficient and safer.

Integrated ActivitySensor ONE for precise object and motion detection on both sensor modules simultaneously



For more information, please visit:
<https://www.mobotix.com/en/products/mobotix-s-one-dual>

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Fully equipped included!



Robust special plastic housing (PBT-30GF)

Aluminum mounting plate (130x115x33 mm), S16 compatible holes

Integrated shock detector for tamper detection

Sensor modules, Input/Output (external speaker, power supply), USB 2.0, Ethernet, MicroSD

Ambient Light Sensor
Status LED (RGB)

4K UHD Day & Night
1 m/2 m cable

Microphone



Up to 2 TB internal storage
64 GB microSD card integrated

Status LED
RGB

Security Clip,
Cable strain relief strip

Ambient Light Sensor
Status LED (RGB)

4K UHD Day & Night
1 m/2 m cable

Microphone

Two 4K UHD sensor modules – horizontal image angles 15°/30°/45°/60°/95°/120°

Flexible mounting options:



MOBOTIX S ONE Dual – Technical Details

MOBOTIX S ONE Dual Camera Module (Body) • For connecting up to two MOBOTIX ONE sensor modules (available separately) • MOBOTIX ONE system platform, ONVIF-compliant (Profiles G, S, T) • Supported sensor modules: 4K/8MP UHD, Day & Night, 3840 × 2160, image angle 15° / 30° / 45° / 60° / 95° / 120° • Video codecs: H.264, H.265, MxPEG+, M-JPEG • Max. frame rate: MxPEG: up to 20 fps @ 4K; H.264 / H.265: up to 30 fps @ 4K • Wide dynamic range: up to 120 dB • Integrated sensors: Temperature sensor, MxActivitySensor ONE, vibration sensor • Internal memory: 64 GB microSD • Connections: 2× sensor module connection (M1, M2); 1× RJ45 (Gigabit Ethernet, weatherproof via MOBOTIX patch cable); I/O 1× input, 3× outputs; 1× audio out; 1× USB-C; 1× 12–24 V DC input • Power supply: PoE Class 3 (IEEE 802.3af) or 12/24 V DC • Max. power consumption: 12.95 W • Protection class and robustness: IP66, NEMA 4X, IK10 (sensor modules) • Ambient temperature: –40 °C to +65 °C (-40 to 149 °F) • Housing material: PBT-GF30 • Color: White • Dimensions (H × W × D): 137.5 × 115 × 33 mm • Weight (body): approx. 540 g • Software interface for MOBOTIX camera apps • Manufacturer’s warranty: 5 years, optionally extendable to up to 8 years • MTBF: 100,000 h • Approvals: EN 55032, EN 55035, EN 61000-6-1/-2/-3/-4, EN 62368-1, EN 63000, AS/NZS CISPR32, 47 CFR Part 15b, NRTL • Sensor cable can be ordered separately (1 m: Mx-ONE-CBL-S01-AN, 2 m: Mx-ONE-CBL-S02-AN)

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