

MOBOTIX c ONE

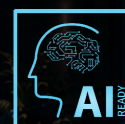
ONE ROOM. ONE SENSOR. DONE.

BE THE ONE

180°
LENS

Ø 120
mm

IR/
WHITE



ONLY 120 mm IN DIAMETER

Intelligent 360° room monitoring around the clock – for maximum situational awareness and security. Can also operate without a server or VMS software.

- ✓ **180° hemispheric lens with 4K day/night image sensor** – brilliant image quality with WDR up to 120 dB.
- ✓ **Integrated illumination** – IR LEDs (up to 25 m²) and white LEDs (emergency lighting/night light).
- ✓ **Ultra-compact housing (Ø 120 mm)** – compatible with all existing c25/c26 installations.
- ✓ **Integrated audio functions** – microphone and speaker for two-way communication (SIP, ONVIF, MxEventStream).
- ✓ **Integrated video analytics** – ActivitySensor for precise motion detection.
- ✓ **Up to 2 TB of internal storage** – 64 GB industrial-grade microSD card included as standard.
- ✓ **Optimized power consumption** – PoE Class 3 power supply (typ. 12.95 W)
- ✓ **Wide codec support** – H.264, H.265, MxPEG+, MJPEG.
- ✓ **Made in Germany** – outstanding cybersecurity, 5-year warranty, MTBF: 100,000 h



Find out more at
www.mobotix.com

MOBOTIX
Beyond Human Vision



Fully equipped as standard!

Backward-compatible hardware design

- Robust engineering-grade plastic housing (PBT-30GF)
- Housing dimensions identical to c25/c26 (Ø 120 mm)
- Compatible with all existing c25/c26 mounting brackets
- Tool-less installation with spring-clip mounting
- PoE Class 3 power supply (typ. 12.95 W)
- Optional/additional 12/24 V DC power supply
- IP40 protection rating
- Operating temperature: -20 °C to +40 °C
- Pre-installed 64 GB microSD card Integrated
- I/Os (1 input / 1 output)
- USB-C interface for accessories (e.g. interface boxes)

5 YEARS WARRANTY
MOBOTIX



Integrated illumination & audio system

- IR LEDs (up to 25 m²)
- White LEDs (emergency lighting/night light)
- Digital audio for two-way communication (integrated microphone & speaker)



360° panoramic view with no blind spots

Latest-generation hardware

- Latest MOBOTIX ONE system platform
- 180° hemispheric lens 4K day/night image sensor
- High-quality WDR (120 dB)

Integration

- Latest-generation camera interfaces (e.g. MQTT, ONVIF, REST API, etc.)
- Supported by the MOBOTIX Camera App SDK
- Optimized for AI-based applications for intelligent video analytics

Extended mounting options:



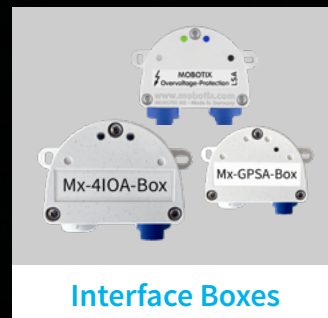
SurfaceMount



CornerMount



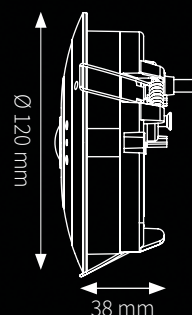
TubeMount



Interface Boxes

MOBOTIX c ONE – Technical Details

MOBOTIX c ONE IP camera with hemispheric lens and IR-cut filter for day and night operation • Aperture: f/1.8 • Max. image resolution: 2160 × 2160 pixels, 1:1 • Max. frame rate: 30 fps @ 4K • ONVIF-compliant (Profiles G, S, T) MOBOTIX ONE system platform with H.264 (triple streaming), H.265, MxPEG+ and M-JPEG • WDR: up to 120 dB, IR LEDs (up to 25 m²), white LEDs (emergency lighting) • HD audio with integrated microphone and speaker • Temperature sensor, MxActivitySensor, vibration sensor • Functional extensions (via optional MOBOTIX modules): 1× USB-C, compatible with P7 interface boxes • Operating conditions: IP40, -20 to +40 °C • Internal DVR: 64 GB microSD (for MxPEG+ recordings) • Max. power consumption: 12.95 W, powered via network cable (PoE Class 3, IEEE 802.3af) or external 12/24 V DC power supply • Interfaces: 1× RJ45 socket for weatherproof network connection via MOBOTIX patch cable (Ethernet 1000Base-T), I/O (1× input, 1× output), 1× Audio Out, 1× 12/24 V DC input, 1× USB-C • Software interface for MOBOTIX Camera Apps (based on deep learning) • Housing: PBT-30GF • Color: White • Warranty: 5 years (optionally extendable to up to 8 years).



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