

Technical Specifications

Kepler NurseAssist App (ONE)

Detect Falls and Unauthorized Bed Leaving Immediately – in Real Time!

Powered by intelligent MOBOTIX sensor technology, the Kepler NurseAssist App (ONE) helps hospitals, nursing homes and retirement homes protect patients and people in need of care effectively and cost-efficiently – automatically and around the clock.

- Reliable monitoring of patients' well-being.
- AI-powered software detects critical incidents in real time.
- Sends automatic alerts to staff in case of an alarm.
- Direct patient communication via integrated microphone/audio function.
- Simple and discreet installation.
- GDPR-compliant operation through event-controlled obscuring of live and recorded images.

NOTE!
The Kepler NurseAssist App (ONE) licenses (minimum Basic) must be ordered separately (30 days trial is included).

HEVCAdvance™ NDAA Compliant

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General App Information

Product Name	Kepler NurseAssist App (ONE)
Order Codes	Mx-ONE-c1A-S-NurseAssist Licenses (must be ordered separately): ■ Basic: Mx-ONE-APP-KEP-NUA-1S/ -2S/ -3S/ -4S/ -5S ■ Extended: Mx-ONE-APP-KEP-NUA-EXT-1/ -2/ -3/ -4/ -5 ■ Lying Position: Mx-ONE-APP-KEP-NUA-LPO-1/ -2/ -3/ -4/ -5
Minimum Camera Firmware	V8.2.x/V9.2.x
MxManagementCenter requirements	■ min. MxMC V2.9.x ■ Event Search: Smart Data Interface license included

NurseAssist Software Features According to License Tiers

NurseAssist Basic	■ Monitoring of the well-being of patients in private rooms, corridors and common areas of Healthcare facilities. ■ Minimization of reaction times due to decentralized state-of-the-art fall detection. ■ Prevention of accidents through person down, person in bed and person out of bed event. ■ Automated detection and localization of the bed in the patient's room. ■ GDPR-compliant operation through event-controlled obscuring of live and recorded images. ■ Dynamic masking of a person in bed as additional privacy protection measure.
NurseAssist Extended	Plug-In license required to extend the NurseAssist status and alarm notifications with the following functions: ■ Person is getting up from bed ■ Person sits on the edge of the bed ■ Person is getting up from a chair ■ Person has entered the bathroom / is in the bathroom ■ Person has left the room ■ Person has entered the room ■ Bed is not recognized / is not present ■ Distinction between person lying and sitting on the floor **NOTE!** The Plug-In license requires MOBOTIX NurseAssist Smart Sensor or licensed Kepler NurseAssist Certified App.
NurseAssist Lying Position	License to extend the NurseAssist Basic status and alarm notifications with the following functions: ■ Continuous monitoring of a person’s lying position in bed (e.g., back, left side, right side) ■ Monitoring of prolonged stay in the same position ■ Notification if a person’s lying position has not changed for a defined period of time ■ Support for individualized care plans ■ Integration into existing alarm logic and reporting

Additional features of the NurseAssist Smart Sensor	■ * IP-based bidirectional communication via integrated microphone and speaker ■ * Noise level analysis enables the detection of loud ambient noise (e.g., loud shouting). ■ Integrated shock detector for detecting physical tampering or vibrations ■ Additional device health monitoring functions, including connectivity and uptime monitoring ■ Configurable system status display via sensor status LED ■ REST API interface enables deep integration and remote control of all sensor functions **NOTE!** *The sensor's audio functions are disabled by default. If required, they can be enabled by an authorized administrator.
Meta Data / Statistic format	JSON
Supported Reporting Interfaces	JSON / XML via HTTP(S), MQTT, MxMessageSystem
Integrated Nurse Call Systems	Verified integrations documented in MOBOTIX Community (see https://community.mobotix.com/c/certified-apps/kepler-nurseassist/176)
Trial license	30-day trial license pre-installed
MxMessageSystem supported	Yes
MOBOTIX Events	Yes
ONVIF Events	Yes (Generic Message event)

Scene Requirements

Room size	max. 25m^2 assuming an almost square room (e.g. 5x5 m) by radius of 4 m - long and narrow rooms will not work.
Required installation position (camera)	ceiling-mounted
Recommended installation height (camera)	2.0m - 3.5m
Mounting distance from bed	0.5m - 3.0m
Mounting distance from wall	> 70cm

Technical App Specifications

Synchronous / Asynchronous App	asynchronous
Simultaneous execution of other apps	No
Accuracy	min. 99% (considering scene requirement and no objects blocking view)

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MOBOTIX AG • Am Stundenstein 2 • D-67722 Winnweiler • Tel.: +49 6302 9816-103 • sales@mobotix.com • www.mobotix.com

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