



# Technical Specifications

## Kepler NurseAssist App

**Detect falls and unauthorized bed leaving immediately in real time!**

Pre-installed on the MOBOTIX c71 NurseAssist camera with intelligent MOBOTIX sensor technology the app supports hospitals, nursing homes and retirement homes effectively and cost-efficiently in protecting patients and those in need of care - automatically around the clock.

- Reliable monitoring of patients well-being.
- Integrated AI-powered software detects incidents based in real time.
- Automatic alerts to staff in case of alarm.
- Direct patient dialog possible via integrated microphone/audio function.
- Simple and decent installation.
- GDPR compliant operation through event-controlled obscuring of live and recorded images.

**NOTE!** The Kepler NurseAssist App is available pre-installed on the MOBOTIX c71 NurseAssist camera only.



# App Specifications

## General App Information

|                                  |  |
|----------------------------------|--|
| Product Name                     | Kepler NurseAssist App   |
| Order Code                       | only available in a bundle with the MOBOTIX c71 NurseAssistcamera (Mx-c71A-NurseAssist)  |
| Supported MOBOTIX Cameras        | MOBOTIX c71 NurseAssist (pre-installed)  |
| Minimum Camera Firmware          | v7.3.5.x   |
| MxManagementCenter compatibility | <ul style="list-style-type: none"><li>min. MxMC v2.5.3</li><li>Configuration: Advanced Config license required</li><li>Event Search: Smart Data Interface license included</li></ul> |

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## General Features

|                                   |   |
|-----------------------------------|---|
| App Features Basic Version        | <ul style="list-style-type: none"> <li>■ monitoring of the well-being of patients in private rooms, corridors and common areas of Healthcare facilities.</li> <li>■ minimization of reaction times due to decentralized state-of-the-art fall detection.</li> <li>■ prevention of accidents through person down, person in bed and person out of bed event.</li> <li>■ automatized detection and localization of the bed in the patient's room.</li> <li>■ GDPR compliant operation through event-controlled obscuring of live and recorded images</li> <li>■ Dynamic masking of a person in bed as additional privacy protection measure</li> </ul>  |
| App Features Extended Version     | <p>Plug-In license required to extend the NurseAssist status and alarm notifications with the following functions:</p> <ul style="list-style-type: none"> <li>■ Person sits on the edge of the bed</li> <li>■ Person has left the room</li> <li>■ Person has entered the room</li> <li>■ Person has entered the bathroom / is in the bathroom</li> <li>■ Bed is not recognized / is not present</li> <li>■ Distinction between person lying and sitting on the floor</li> </ul> <div style="background-color: #f0f0f0; padding: 5px; margin-top: 10px;"> <p><b>NOTE!</b> The Plug-In license requires MOBOTIX c71 NurseAssist Smart Sensor or licensed Kepler NurseAssist Certified App.</p> </div> |
| Maximum number of detection areas | 1   |
| Recognized objects                | Persons   |
| Supported image sensor types      | Day/Night (MOBOTIXc71 NurseAssist default)  |
| Meta Data / Statistic format      | JSON  |

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|--------------------------------|---|
| Supported Reporting Interfaces | JSON / XML via HTTP(S), MQTT, MxMessageSystem |
|--------------------------------|---|

|                           |     |
|---------------------------|-----|
| MxMessageSystem supported | Yes |
|---------------------------|-----|

|                |     |
|----------------|-----|
| MOBOTIX Events | Yes |
|----------------|-----|

|              |                             |
|--------------|-----------------------------|
| ONVIF Events | Yes (Generic Message event) |
|--------------|-----------------------------|

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## Scene Requirements

|           |   |
|-----------|---|
| Room size | max. 25m <sup>2</sup> 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 |
|-----------------------------|--------|

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## Technical App Specifications

|                                |              |
|--------------------------------|--------------|
| Synchronous / Asynchronous App | asynchronous |
|--------------------------------|--------------|

|                                      |    |
|--------------------------------------|----|
| Simultaneous execution of other apps | No |
|--------------------------------------|----|

|          |   |
|----------|---|
| Accuracy | min. 99% (considering scene requirement and no view blocking objects) |
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# MOBOTIX

BeyondHumanVision

[EN\\_09/24](#)

MOBOTIX AG • Kaiserstrasse • D-67722 Langmeil • Tel.: +49 6302 9816-103 • [sales@mobotix.com](mailto:sales@mobotix.com) • [www.mobotix.com](http://www.mobotix.com)

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