

BACK on TRACK

Getting Back to Business With Support of the Intelligent MOBOTIX Video Technology

Accurate People Counting



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Detect Overcrowding

Protect Areas and Detect Masks

Detect Temperature Abnormalities

Beyond Human Vision

MOBOTIX

The New M73 With integrated apps



Al-People



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Al-Crow



Al-Overoccupancy





Al-Occupancy



Strong Solutions and Strong Partners for a New World!

The world has changed. Special rules and regulations apply to many areas, such as trade, service industries, public buildings and squares, airports, railway stations, companies and schools.

MOBOTIX video technology helps you manage these new requirements. From **additional apps** in the latest MOBOTIX 7 generation cameras, with analysis and thermal imaging technologies, to specially developed **add-on** solutions from MOBOTIX's Technology and Solution Partners. Not to mention, these robust and multi-functional camera systems with edge technology are sure to retain their value well after the pandemic is past us, with an Mean Time Between Failures (MTBF) of 80,000 hours. The software can also be easily upgraded at any time **for numerous new industry-specific tasks**.

Get started with the MOBOTIX solutions:

~	Count people automatically
~	Detect overcrowding (supports social distancing)
✓	Recognize masks & secure areas
~	Detect temperature abnormalities



MOBOTIX

v26 Indoor Dome *With integrated image analysis & optional vandalism set*

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Accurate People Counting

In many areas, like shops, schools and public buildings, there are increased restrictions on maximum capacities for the number of visitors, customers or employees. In order to **determine the current numbers in real time**, entries and exits must be monitored. MOBOTIX video technology can do this reliably and effectively for you.

Count people entering and leaving buildings or premises at a central entrance and exit (e.g. at doors, turnstiles) in real-time

 Camera-integrated analysis technology creates one consistent capacity count, even when monitoring multiple entrances/exits using multiple cameras

Entrance control via live screen display or traffic light function

No need for personnel to count manually



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The New M73 With integrated apps



Detect Overcrowding

In addition to monitoring inputs and outputs, it is important to monitor certain zones separately. Social Distancing, i.e. the **correct observance of minimum distances**, reduces the risk of infection and protects against severe fines. Therefore overcrowding in highly frequented areas should be avoided, for example, in queues at cash registers or in waiting areas. Modern video technology from MOBOTIX can automatically detect such scenarios and provide visual and acoustic warnings.

- ✓ Detection of **overcrowding and queuing situations** (supporting social distancing)
- Determine of the number of persons and the occupancy rate in defined areas
- ✓ Alarm when user-defined threshold values are exceeded
- Indoor and outdoor use





D26 Dome *Robust for inside and outside*

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Protect Areas and Detect Masks

Not only is the number and spacing of people in areas important, but in some cases there is also a face **mask requirement**. In many places the wearing of mouth/nose protection is encouraged, and some where masks must be checked for compliance. In addition, there are **sensitive zones which must be specially protected**, like sterile zones, healthcare or warehouses. MOBOTIX keeps an overview for you:

- ✓ Mask detection and warnings in cases of non-compliance (available as partner solution)
- ✓ Preventing unauthorized access to restricted areas
- ✓ Setting up **multiple crossing lines** prevents false alarms
- ✓ No security personnel necessary for monitoring
- Indoor and outdoor use





M16 Thermal TR Multifunctional thermal imaging camera

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VIOBOTIS

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MOBOTIX

Detect Temperature Abnormalities

The MOBOTIX TR (Thermal Radiometry) technology measures thermal radiation of people and objects in the entire image acquisition area. MOBOTIX thermal technology does not replace medical devices, but it can help to analyze critical situations in order to decide on further action. Taking into account the ambient conditions and using a black body radiator, a measurement accuracy of about 0.3 degrees Celsius can be achieved on surfaces that are 30 to 45 degrees Celsius warm.

✓	Detection of persons/objects and their surface temperature
~	Visualization of temperature difference
~	Alarm on exceeding or falling below defined temperature ranges
~	Event triggering (alarm, network message, switching output activation)
~	Measurement for up to 20 TR windows
~	Temperature range from -40 to +550 °C



Together and Responsible

Our world is facing unprecedented challenges due to COVID-19. As a global manufacturer, MOBOTIX is working to protect the health and safety of both our employees and our customers.

We take that responsibility seriously, and remain open to meet these unprecedented infrastructure challenges with solutions allowing us all to move forward.

Benefit from a one-stop solution. From analysis, consulting and installation to service and support – all from your MOBOTIX partner.

High-end Technology – Made in Germany

Top performance in terms of durability, accuracy and reliability are success factors that are fulfilled by MOBOTIX video systems in a special way. In the tradition of typical German engineering, we develop, produce and program high-end solutions in IP video technology. Cyber secure and intelligent.

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Beyond Human Vision

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