



The New 6MP Indoor Camera Generation • Competitive without Compromise

Complete System For €398

The new indoor cameras are very competitive and at the same time supporting all MOBOTIX functions. For the price of €398, the customer gets a complete standalone video surveillance system, including SD card or NAS event recording, alarming, professional video management (VMS) and video analysis functions like heat map and object statistics. Further highlights are the integrated hemispheric technology, different lens options with the new 103° lens to cover a complete room without any blind spots. Also included is MxActivitySensor to avoid false alarms and automatic behavioral

detection for the c25. All indoor cameras are available as product option with complete two-way audio, including microphone and loudspeaker. This offering is perfect for small offices and shops because the system is easy to expand and there are no license or update fees.

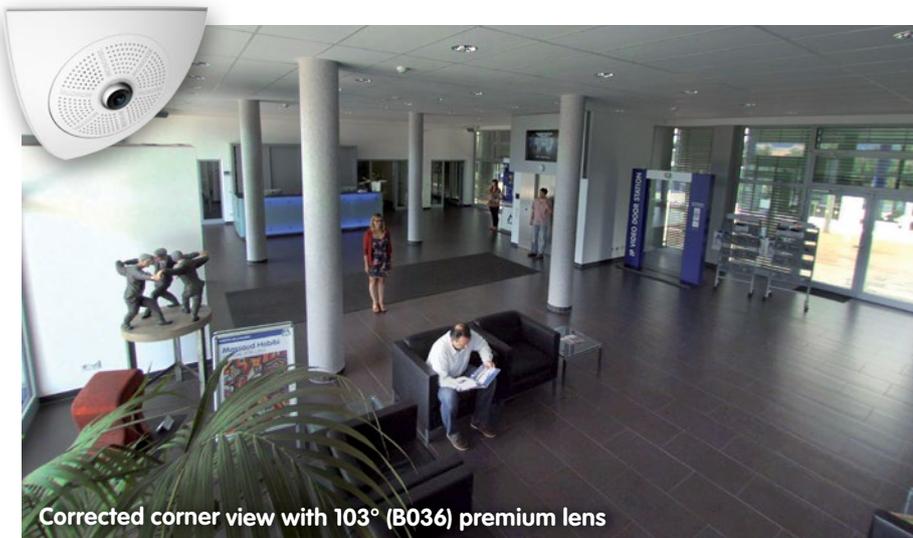
Easiest Installation

The 6MP indoor models c25 and p25 are easily installed within minutes in suspended ceilings like a halogen downlight. Beside hemispheric technology, the p25 for example supports all lens and sensor options to ensure always the perfect solution for any

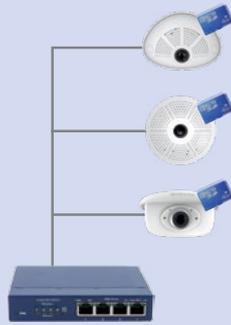
indoor environment. All indoor models are supported with On-Wall Sets to cope with all surfaces.



- 
 Video Analysis
- 
 Two-way Audio Option
- 
 SD Ring Buffer



Corrected corner view with 103° (B036) premium lens

System Example	€1,273
	<p>i25 6MP €398</p> <p>c25 6MP €398</p> <p>p25 6MP €398</p> <p>PoE Switch €79</p>
Including all software and licenses	



A New Milestone in Professional VMS Technology

Unlimited without Any Costs

In summer 2015, the new platform-independent professional VMS software "MxManagementCenter" was launched. This is a new milestone in the professional VMS industry because of its gesture and drag&drop user concept, which makes it very intuitive to use. The new MxManagementCenter (MxMC) has no system limits and can handle hundreds of cameras and users. It offers at the same time the integration of third-party cameras using the ONVIF protocol. The MxMC can manage multiple monitors and video walls. Ultra-fast playback and post-video search is implemented as well as a POS (Point-of-Sale) interface.



Smart Remote Access

MxMC in conjunction with the MOBOTIX cameras supports the decentralized architecture at its best. For example, different access scenarios to the recordings,

depending on the infrastructure and security requirements, are available. Remote access via the camera **1** ensures a secured and encrypted end-to-end connection without the need to provide file sharing and login data for sensitive video recordings via broadband networks. In control rooms, direct access **2** from MxMC to NAS enables fastest playback of video data.

Bandwidth Management

The MOBOTIX camera manages frame rates and image resolution, depending on the available bandwidth. At the same time, the camera is able to zoom into recorded images (area of interest) to get details without transfer of the complete picture. This makes best usage of available bandwidth, avoids single point of failure and enables quality playback even via limited data connections.



Activity Statistics and POS

MxMC is also the perfect management tool to provide a fast overview of all event activities with the new histogram functionality, where all events are stored in a distributed way over all cameras. Event statistics and cumulations can be easily analyzed by any time, range or other criteria to detect unusual situations graphically. Event-recorded video, related to cashier transactions, are ideal for retail applications to analyze buying behavior or to search for specific articles. The new POS (Point-of-Sale) interface shows the complete cashier receipt with the related camera recordings and the status of the pump station in a gas station for example.

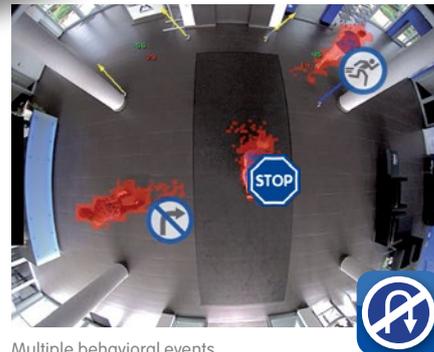




Heat map with Hot Spots



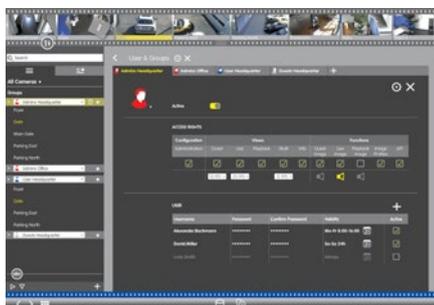
Object or people statistics



Multiple behavioral events

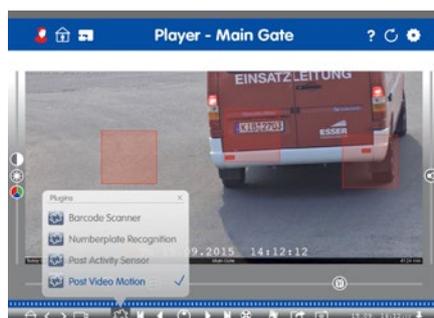
Fastest Configuration

A big part of the development was the new innovative configuration module that reduces the setup time for large camera systems by a factor of ten or more. MxMC includes a complete user interface to manage all parameters of all MOBOTIX products. MxMC provides a sorted overview of all devices and parameters and supports visual control and drag&drop configuration of cameras and complete groups. Furthermore, MxMC supports intelligent parameter sorting and verification of configurations which will drastically reduce installation and configuration costs.



Plugins • Open for the Future

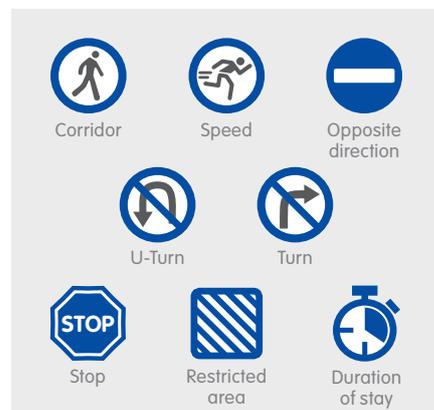
MxMC provides a new plugin interface for future software features or third-party developments like post-video motion analysis, bar code scanning or number plate recognition. This will open up a great number of new applications for MxMC and allows partners and system integrators to use MxMC in many new market verticals and segments.



MxAnalytics

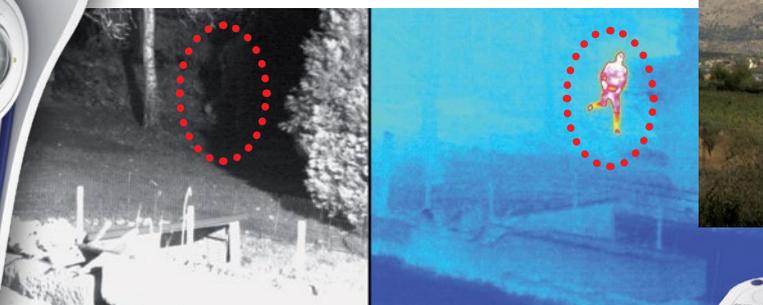
Statistics & Behavioral Detection

The hemispheric MOBOTIX cameras are perfectly suited to monitor stores and other retail environments. In all MOBOTIX single lens models, video analysis is included inside the camera to provide heat maps and object statistics in user-definable corridors with automatic reporting. Ceiling-mounted models like the c25 and Q25 also analyze the behavior of moving objects and can generate automatic alarms if these objects for example stop, turn or reverse direction. For video analysis there is no workstation and no network load required because the processing is done onboard in each camera. This of course increases reliability and reduces the overall system costs.

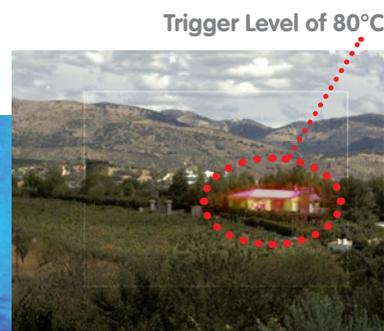




Dual Thermal Camera System



Combination of Thermal and Optical Sensor, incl. MxActivitySensor



Trigger Level of 80°C
Overlay of Thermal Image on Visual Image



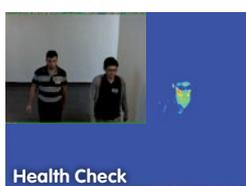
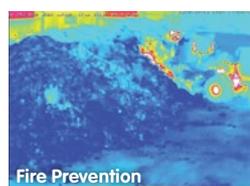
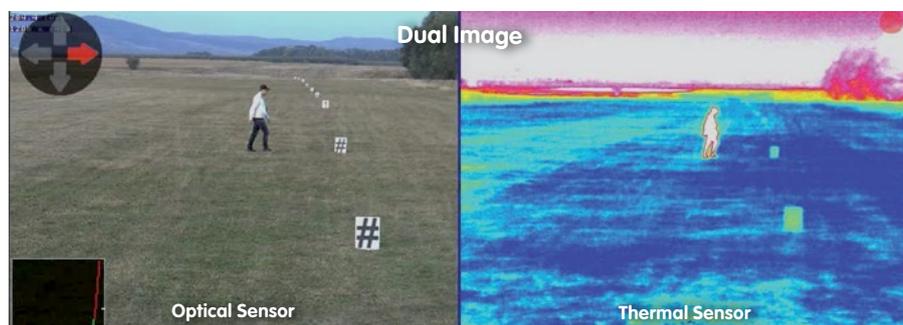
Thermal Radiometry for Automatic Temperature Detection

Spot Metering

MOBOTIX has perfectly combined thermal and optical sensor technology with an intelligent onboard video sensor "MxActivitySensor" to detect objects and persons in complete darkness over hundreds of meters automatically. Recently, MOBOTIX provided a software update free of charge to upgrade existing thermal cameras with thermal spot metering in the image center. This allows absolute temperature measurement within the total range of -40°C to +550°C and a typical accuracy of $\pm 10^\circ\text{C}$.

Temperature Events

On top, MOBOTIX has launched a new series of thermal radiometry (TR) models (M15, S15, S15 PTMount) to generate automatic alarms, defined by temperatures limits or temperature ranges, which is vital to detect potential fire or heat sources. Up to 20 different temperature triggers can be easily defined within the new TR (Thermal Radiometry) window or the whole sensor image can be used with a typical accuracy of $\pm 10^\circ\text{C}$. MOBOTIX thermal dual camera systems offer also thermal overlay to localize the hot spot in the visual image and to prevent bigger damages.





IP Video Door Station

MxApp

MOBOTIX Smart Home

Advanced IP Video Door Station

MOBOTIX is able to provide a complete IP-based system for smart homes and offices. With the T25, the MxDisplay+ and its modular product portfolio it is possible to realize an intercom door station with 180° panoramic view, bell button or RFID-based access control, alarm notification and video messaging. The T25 door station is fully IP-based and can be integrated in every standard IT infrastructure. So talking with a person in front of a door or switching the light remotely from anywhere in the world via a smartphone is reality. With the encrypted two-wire bus MxBus, IO-functions for smart homes and alarm systems can be easily extended to the cameras or the IP door station.

Smartphone Power in the Wall

MxDisplay+ is very user friendly, intuitive and supports gesture control like a smartphone. It supports access to the T25 IP door station, all MOBOTIX cameras, manages the time-based access control for each door,

reads and writes RFID transponders, controls smart home functions and acts as an alarm center with several lines. Beside typical door intercom functions like full duplex HD audio, MxDisplay+ offers much more. The configuration and access of the complete home with connected cameras and alarm sensors is easy to realize without any PC or additional infrastructure. Beside the main entrance, MxDisplay+ is also able to control a second apartment door, a rear entrance door or window contacts for example. Additional MxBus terminals offer new possibilities to connect to all MOBOTIX interface boxes and to set up a complete alarm center.

Access Control Unlimited

Access control can be defined individually by groups, users and doors. Beside using RFID batches or transponder tags, also pin numbers for access control can be defined or the combination of transponder and pin code is supported. It takes 10 seconds to set up an entry code or transponder batch for



a craftsman, which is valid on the next day. The entry or access time can be set by time range or is defined by detailed weekly schedule. Access codes are encrypted and therefore reliable and safe.

MxMessageSystem

With the new MOBOTIX Message System it is easy to configure and manage actions or alarms across the whole network. In MxDisplay+ customized screens and soft buttons can be defined to control garage doors, shutters, window or door contacts.

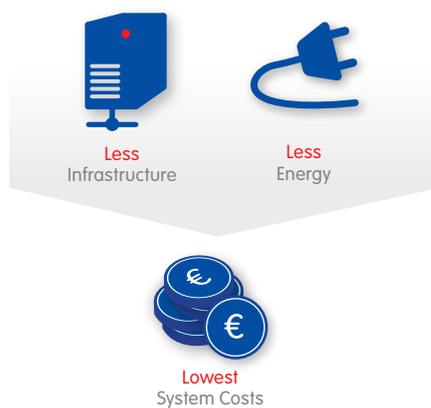




Professional VMS and Smart IP Cameras since 2000

In short, MOBOTIX is a software company with own IP camera products, all made in Germany. In 2005, MOBOTIX launched its first professional video management system which is still being used in thousands of installations around the globe. These even include high-security applications like prisons, airports or soccer stadiums. Since 2000, MOBOTIX IP cameras have been known for their high-quality video performance, longterm reliability and low

bandwidth consumption thanks to their **"decentralized architecture"**. The cameras themselves execute video analysis & event detection internally and manage their video ring buffer on a NAS or server by themselves. As a result, MOBOTIX video systems are very reliable and need fewer servers, fewer workstations and less network infrastructure. This **reduces the overall system costs** as well as the total energy bill.



Outdoor Dual Lens			Outdoor Single Lens				Indoor			Thermal	
M15 AllroundDual	S15 FlexMount	D15 DualDome	M25 Allround	S15M FlexMount	Q25 Hemispheric	D25 Dome	i25 Wall	c25 Ceiling	p25 Hemispheric	M15 Thermal	S15 DualThermal
Robust for extreme conditions	Flexible dual head camera	Dual lens manual dome	Robust for extreme conditions	Discreet hemispheric	Discreet hemispheric	Classic manual dome	Indoor wall hemispheric	Indoor ceiling hemispheric	Indoor ceiling camera	Thermal dual	Thermal dual head camera

Door Modules					Door Sets			MxDisplay
Camera	BellRFID	Keypad	Info	DoorMaster	Double Frame	Triple Frame		Remote Station

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