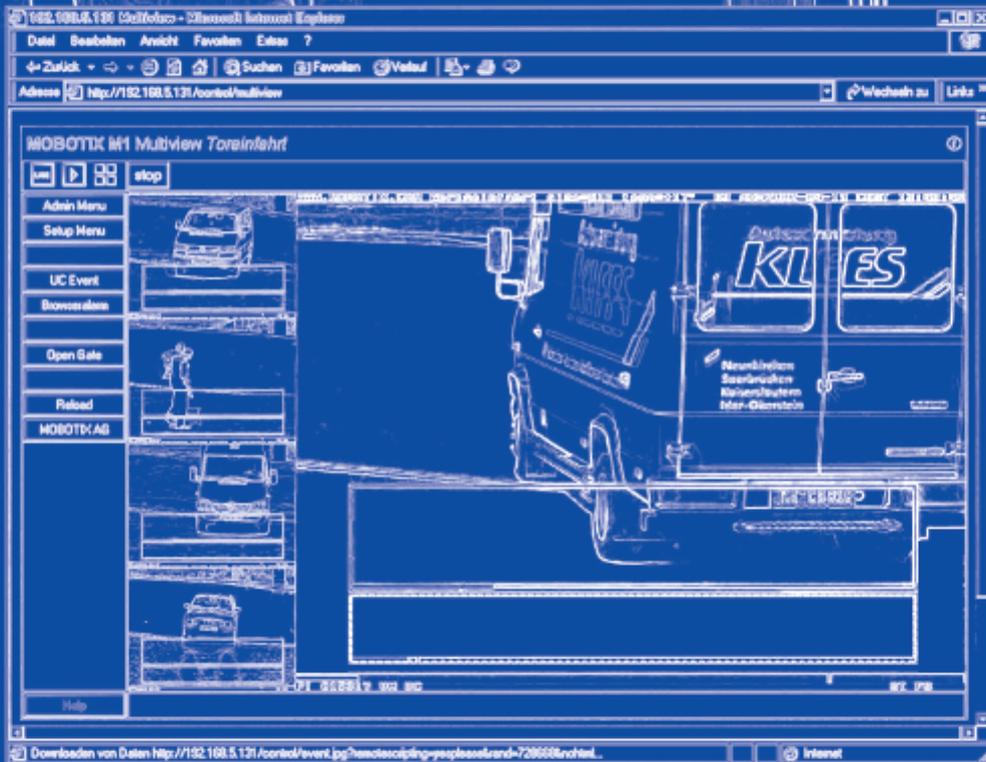




# Network-Video-Concept



- Camera
- Network
- CCTV
- Recorder
- Audio
- Sensor
- Phone
- Webcam
- Alarm

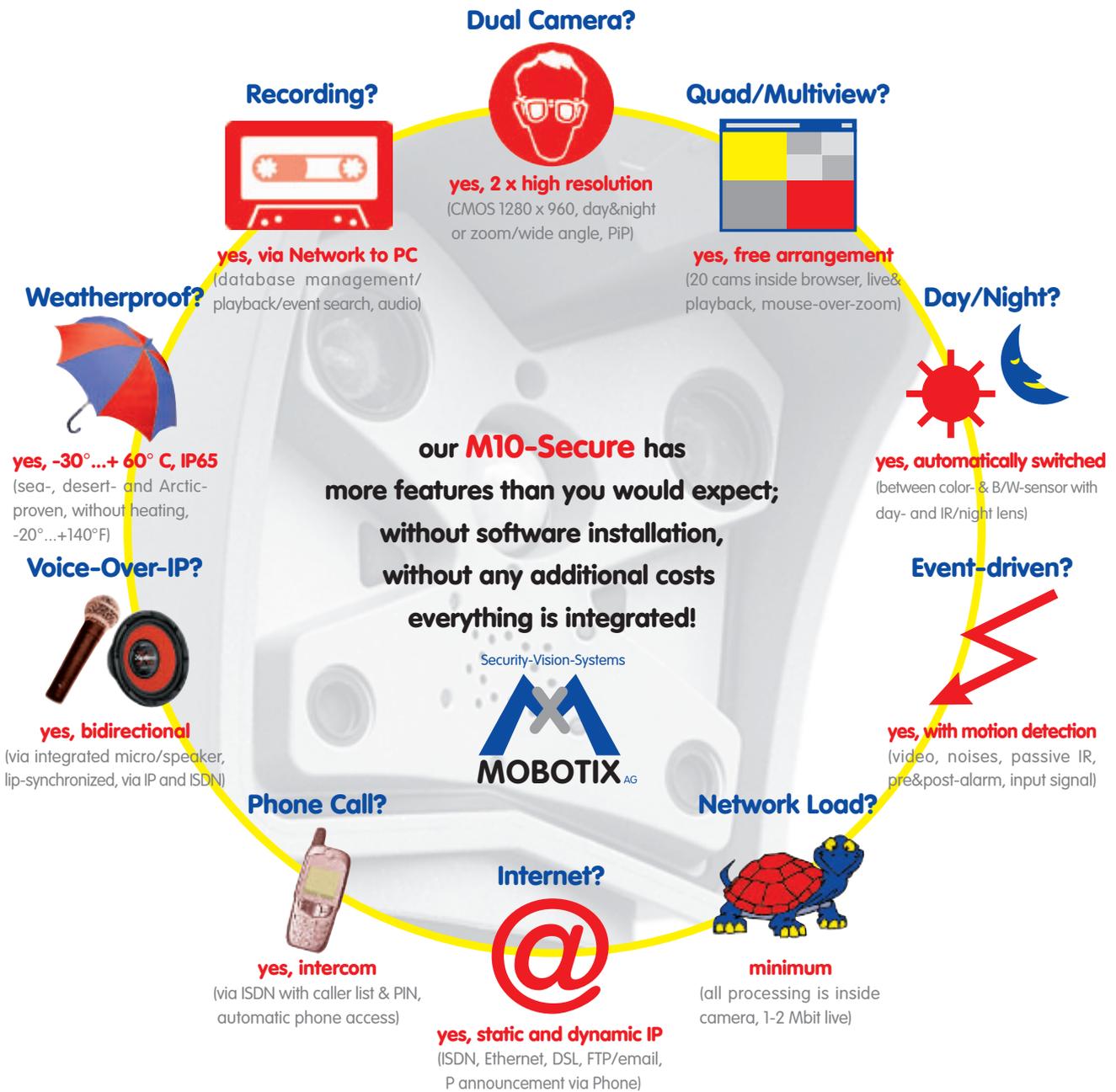


# If you think MOBOTIX



... the new face of IP video

## is too innovative ...



## ... then continue

## reading in 5 years!

# The MOBOTIX Concept

## What Was Somewhat Unusual ...

### How it all began

Back in 1999, our original goal was simply to design a web cam that could publish images directly to the web via ISDN without a PC. Numerous installations all over the world are the best proof of our success. With the enormous innovative potential of MOBOTIX cameras, a new concept of security technology was born.

M10D-Secure: Outdoor Day&Night



Approx. 14 x 14 cm  
(5 1/2" x 5 1/2")

### Straightforward – camera with built-in PC

We abandoned 60 years of video technology, analog signals, low resolution and the interlace problem and substituted them with **two** high-resolution digital image sensors combined with a powerful **Linux PC**. We even discarded the usual hardware compressor (codec) and embedded the

### Intelligent camera

The MOBOTIX concept of using an integrated camera PC provides key advantages:

- Improved image quality due to direct image processing by the sensor
- High scalability because the system is not limited by a centralized component
- Fastest possible reaction times
- High functionality with no integration problems resulting from additional hardware and third-party software
- Reduced network load thanks to integrated event-controlled image recording
- High return of investment and up-to-date functionalities due to simple software updates that user can perform
- Wide temperature range and low maintenance thanks to the absence of moving mechanical parts.



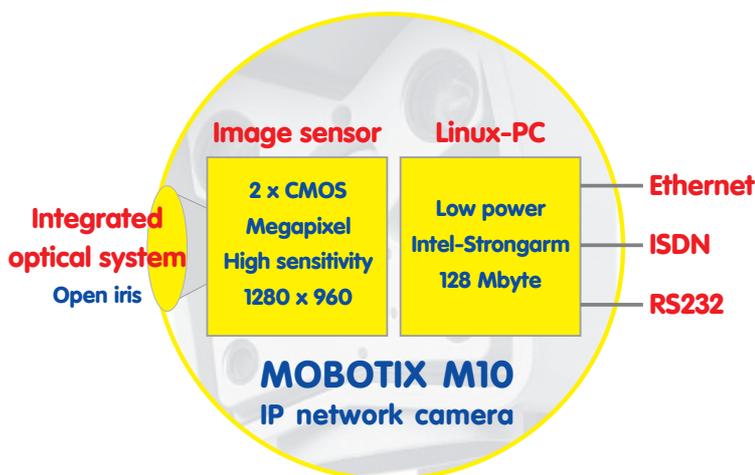
M10Dj-Secure: Indoor with tele and wide angle

### Additional benefits – free of charge

Soon, the question arose: since the PC is already integrated in the camera, could it not also manage all display and storage functions? Sure, it could – via the network to the user's browser or to the hard disk of one of the networked PCs.

### Proven - over 30,000 times

Our success is the best measure of our leadership. Since the introduction to the market in 2001, we have sold more than 30,000 cameras all around the world. Today, MOBOTIX continues to set the pace of the market in the field of IP video technology.



entire camera functionality in a single software package. On top of all this, we optimized and integrated the optics with no moving parts.

# ... Has Become Today's Standard

## Minimum network load

Do network cameras overload your network? In most cases yes, but not a MOBOTIX camera since the MOBOTIX system incorporates the complete image processing and the video management system in the camera itself. Independent of any centralized management (DVR), the MOBOTIX camera uses the network only when it is storing an event-triggered alarm image or image sequence. Thanks to its internal buffering system, the camera can even bridge network failures. The new **MxPEG** video-streaming feature assures that a high-resolution live video will need less than 2 percent of a 100 Mbps network (640x480, 12 fps).



V10 - stainless steel „corner-cam“

## Based on IT technology

The MOBOTIX IP camera technology has the enormous advantage that it transfers images using inexpensive standard IT technology components available for ISDN, DSL, GSM, WLAN and Ethernet via copper or optical links.

## No recorder necessary

Neither a digital video recorder (DVR) nor additional PC software are necessary for recording. Instead, reliable Linux™ or Windows™ server systems can be used in the network since the event and recording features are part of the MOBOTIX camera itself.



MOBOTIX Headquarters in Kaiserslautern, Germany

## License-free web technology

Setting up the camera, viewing live images in Multi View and searching for stored alarm sequences does not require any additional software. No matter which operating system you are using, all you need is a standard web browser. Regardless of the number of users or cameras, there are no software licensing fees and every PC on the network can serve as the control center.

## Live cams prefer MxPEG

Since MPEG has certain disadvantages when dealing with live cameras, MOBOTIX developed **MxPEG**. Due to its short reaction times, pan/tilt heads can be easily controlled via the network. **MxPEG** also enables multiple users to view streams at different frame rates, thus allowing a high-degree of flexibility of the network load and lip-synchronized audio/image features.

Security-Vision-Systems



## Network CCTV & Web Cam

**MOBOTIX has redefined video. Live images on the web, industrial monitoring, traffic control, site surveillance or bank recorders – MOBOTIX cameras are connected as easily as a network printer and you can view live and stored images immediately on any PC without having to install additional software.**

## Is in the High-Quality Image ...

### Excellent image quality

The unique software-based image processing and color adjustment of the sensor to the compressed image guarantee

excellent color images. So, when a web site shows an image of a beach much nicer than in reality, the camera is likely to be a MOBOTIX.

MOBOTIX camera at Hensa Werft AG



### High resolution with real colors

With 1.3 megapixels, the MOBOTIX camera has more than **12 times** as many pixels as an average digitized analog CIF format video signal (352x288). Even when the megapixel image is reduced to VGA or CIF, image quality with the same file size is still much better.

### 4x zoom

When MOBOTIX cameras are operated in VGA mode (640x480), the cameras provide three digital zoom modes and panning. Simply click to select the section in the live image you would like to examine closer. The three live images on this page demonstrate the quality of the digital zoom, and only the highest zoom setting (4x) requires pixel inter-polation.

Original image of an M10 camera with tele lens and 1280x960 pixels, reduced to 640x480 with digital zoom 1x/2x/4x



### Dual vision

The two lens concept with integrated image sensors enable to view simultaneously the zoom image and the wide-angle view, either side-by-side or picture-in-picture (PIP). Also, due to the absence of moving parts, maintenance intervals are considerably longer than for systems with mechanical zoom.

### Day & Night

The M10-Day&Night camera features not only a color sensor, but also a 10 times more sensitive B/W sensor with IR lens. The camera switches lenses automatically depending on the illumination, which

promotes the best possible color images during the day and crisp black/white images at night.



### Professional & weatherproof

Whether for industrial use (IP65, FCC, UL and VDE-certified), for conditions on top of a mountain requiring weatherproof housing and no additional heating or for a certified banking application, the new and innovative MOBOTIX concept has proven itself to be professional and reliable time and again in extremely varied conditions. Now that's "Made in Germany!"

# ... Nearly Maintenance-Free

ISDN/Ethernet/RS232 connections of the M10 camera



## Stand-alone

Whether showing ski slopes on the web or capturing event-controlled images of the entrance to an underground garage – all you need is an ISDN or Internet connection because everything else is integrated in the camera itself. An additional power supply, weatherproof housing or special software are normally not required.

## Speaker phone

MOBOTIX cameras have an integrated microphone and speaker, allowing several users simultaneously to communicate in both directions via network (IP) and telephone (ISDN). The audio in ISDN quality provides for adequate communication up to several meters/yards indoors.

ISDN not in US

## Alarm call with voice message

Another efficient feature integrated in the MOBOTIX cameras is the customized alarm messages via phone call to mobile phones (e.g. "Malfunction at the McClusky treatment plant") or local announcements triggered by motion detection (e.g. "Please dial 315" at a hotel reception).



## Reliable without mechanics

If you have ever had to climb up a mast several times (e.g. on a ski lift) to adjust or replace a camera, you will appreciate a camera that does not have any me-



MOBOTIX camera on the Zugspitze mountain

chanically moving parts. There is no freezing-in of the lens' auto iris and panorama vision is achieved by using several inexpensive cameras rather than a mechanical pan/tilt head. The lenses are computer-adjusted and set at the factory to deliver brilliant color images year-in, year-out.

## Direct sunlight

Not a problem for MOBOTIX cameras! The new sun-safe CMOS image sensor combin-



Direct sunlight through trees

ed with freely definable exposure zones allow recording clear images in varying light conditions from direct sunlight in landscapes to glaring sunlight through a window in a bank or store.

Security-Vision-Systems



## Extremes

**MOBOTIX cameras are known for brilliant color images. One of the camera's strongest points is its perfect handling of backlight scenes. Since there are no moving parts, such as auto iris or drives, the cameras' reliability is unsurpassed, making them the ideal solution for heavy-duty use in hard-to-access locations.**

## Backlight Compensation ...

### Exposure zones are more than backlight

Backlight (or glare) compensation is a term often used in conjunction with cameras and recording. What is usually referred to,

however, is the type of glare compensation that brightens the darker areas of an image but is of little practical use in conditions of shifting

light. The MOBOTIX system, on the other hand, uses freely definable exposure zones to determine the optimum exposure settings.

### Practical usage

This original image of a bank scene clearly shows the sunlight glaring through the window opposite the bank teller. This would "blind" a normal camera lens and render the areas at the front of the image (faces, etc.) too dark to be of use. By setting an exposure zone in the lower half of the scene, the MOBOTIX system excludes the window area from exposure measurement, resulting in a clear view of the area you want to see. Without an **auto iris** that would reduce the amount of light for the whole image, the dark image areas can be enhanced by MOBOTIX cameras.

### Freely definable

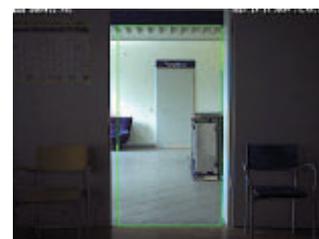
The MOBOTIX exposure zones are freely definable throughout the image area – even remotely, saving time and money. This example clearly shows the difference between an image taken without exposure zones (top) and images with exposure zones set on each side of the door (center) and directly in the doorway (bottom). The exposure zones are so flexible and precise that they can even be set to exclude the glare from individual street lamps when monitoring a street scene.



Exposure zone (whole image)

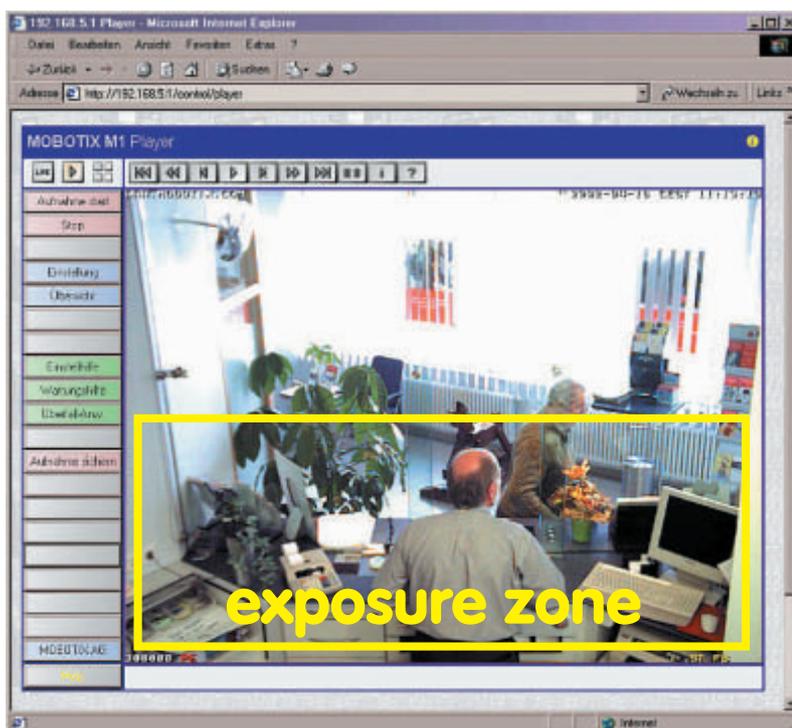


Exposure zones (right and left)



Exposure zone in the center

Direct sunlight on the Zugspitze mountain



## ... Night Vision

### Graffiti by moonlight

The new MOBOTIX M10 cameras are equipped with highly sensitive and noise-free CMOS megapixel sensors. Their sensitivity is similar to that of a 1/4" CCD color

### Night vision using IR

The MOBOTIX cameras are also available with a B/W IR sensor that is 10 times more sensitive and suitable for IR light. The M10-Day & Night camera is equipped with a color and a B/W sensor and switches automatically depending on the illumination of the scene. This guarantees that the best focused lens for day or IR mode is selected.

### CMOS with electronic shutter

The MOBOTIX cameras do not need an auto iris because they use an open aperture that features electronic exposure times between 1/8000 and 4 seconds. This results in minimal maintenance and a much higher reliability than the CCD cameras.

Original image from a MOBOTIX M10 at night with an exposure time of 1 second



sensor at the same exposure time of 1/60 seconds. On top of this, the MOBOTIX sensors allow for exposure times of up to **4 seconds** so that true color images can be recorded even in moonlight. In this last scenario, moving objects will be blurred, but for recognizing developing situations, graffiti, for example, this feature is unbeatable.

### Color processing

MOBOTIX has set the standard for **true color imaging**, particularly under changing light conditions or in the dark. MOBOTIX image processing, from the sensor to the compressed image, is superior to any hardware when it comes to processing color.

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### Flexible Exposure Zones

In practice, **backlight compensation** is one of the main strengths of the MOBOTIX system, rendering it unique in the marketplace. This was achieved by using the new CMOS image sensors while not using an auto iris in the camera. The flexibility of the exposure zones ensures backlight compensation even in conditions of changing light.

## Over the Internet ...

### The remote concept

Enabling remote viewing of live or stored images and events from far-away locations is still at the heart of the MOBOTIX design concept.

Whether checking security at the company premises or at home or checking weather conditions at the golf course or the marina, simply dial into the

camera via RAS and ISDN<sup>1</sup> (where available) and access the camera and all its control functions directly via your PC - even without Internet, using direct telephone connection.

MOBOTIX camera in Bad Ischl, Austria



### Internet live

A DSL connection and a fixed IP address allow for immediate global password-controlled access to the camera via the Internet. As the camera supports dynamic DNS (**DynDNS**), you can access the camera over the Internet or via ISDN even without a static IP by entering its name.

### Flexible ISDN call-in

The MOBOTIX camera supports several ISDN dial-out profiles allowing you simultaneously to transfer images via FTP both to a website and to a server using an ISDN dial-in router. For security applications, the camera can thus store alarm images on secure web servers and send alarm messages via RAS at the same time.

<sup>1</sup> ISDN not available in US

### And action!

To keep the images dynamic, the MOBOTIX system can send images when an event is triggered by one of the sensors (PIR motion detector, microphone, signal input) or when movements are detected in user-specified image areas.



Integrated video motion detector

### Complete and ready for installation

The MOBOTIX system is completely ready for outdoor or indoor installations with its own weatherproof housing (IP65, -30° to +60° C, -20° to +140° F) and wall mounting bracket and swivel joint. In some areas, power to the camera can be supplied from the ISDN connection. The lenses have been adjusted, focused and fixed at the factory to prevent vibration.

### Tell me your IP address

Using its unique IP speech function, you can access the camera from any Internet browser even



if it does not have a static IP address or a dedicated line. Using a simple phone call, you can instruct the camera to dial up to the Internet. The camera will then announce the IP address it obtained from the provider over the phone using speech generation. This function gives you an easy access to the live and stored alarm images using PDAs or iMode smart phones.

MOBOTIX camera in Florida, USA



# ... Paid For by a Logo

## Logo generator

The MOBOTIX logo generator provides everything you need to market the camera images, since it can blend logos into the

to effectively secure the copyright of the image. The image section with pan and zoom can be chosen freely as well. Recording slim skyline images in a special format (e.g. 1000 x 250 pixels) is a simple task with or without the zoom function.

## Precision timing

Whether you want to store images every 15 minutes between 7 a.m. and 5 p.m. Monday to Friday and every hour on weekends, the integrated scheduling feature is accurate to the minute on specified days of the week in certain months of the year, allowing you to organize image transfer accurately and reliably.

Original image M10-Web with 1280x960 pixels and 3 logos



image in a time-controlled manner. You can either store the logos (BMP or PNG format) in the camera or load them repeatedly via URL from the Internet.

## Animated logos

A logo may consist of several individual images that can be switched to the second. This way, you can easily create animated graphics.

## Freestyle

The MOBOTIX camera is the only system to support logos with free contours and 100% transparent areas. The transparency feature allows displaying watermarks in the images

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## Remote Image Transfer

Live on the Internet, via a web site or dialing direct from a PC with an ISDN card are all possible. With the flexible MOBOTIX system, the camera can send images time or event-controlled, even via email. All camera features are remote-controlled, even upgrading the camera software is done remotely.

## Recording already included ...

### Unique storage concept

The MOBOTIX storage concept is surprisingly easy, yet unique. Most people understand that the camera can store images or video internally in a 64 MB ring buffer, but

### Advantage – minimum network load

Compared to a centralized PC solution that is running video management software, the MOBOTIX storage concept has proven to have the lowest network load. Since the

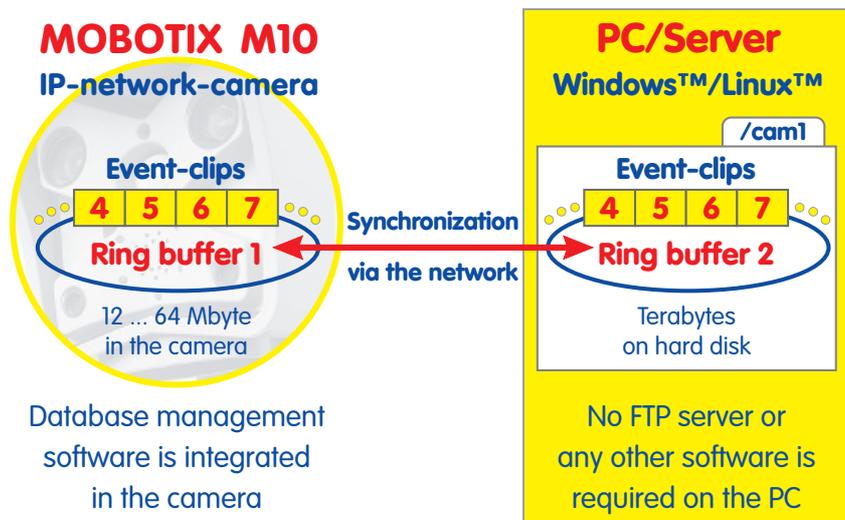
camera evaluates the events itself and then decides what needs to be stored, there is no need to transfer the camera images back and forth to a centralized PC for evaluation. Additionally, as the event images can be stored within the camera (up to 64MB), it can even compensate for short network failures.

### Advantage – freely scalable

In every MOBOTIX camera, the IP address of the recording PC and the maximum storage space to use are set in a simple dialog. This procedure is not limited by the number of recording PCs and cameras. For example, at an airport, 400 MOBOTIX cameras can be distributed between 10 recording servers, and expanding this application is always possible even after the installation has been completed.

### Advantage – high reliability

The straightforward concept of the decentralized MOBOTIX recording solution provides for high reliability due to the absence of a centralized management unit and because every camera manages its data and user interface individually.



that the camera can transfer and **enlarge** this ring buffer to a PC hard disk via the network is not such an obvious concept. The MOBOTIX camera itself is responsible for file organization, not the PC. No FTP server or other software needs to be installed on the PC. A standard Windows™ or Linux™ operating system is sufficient.

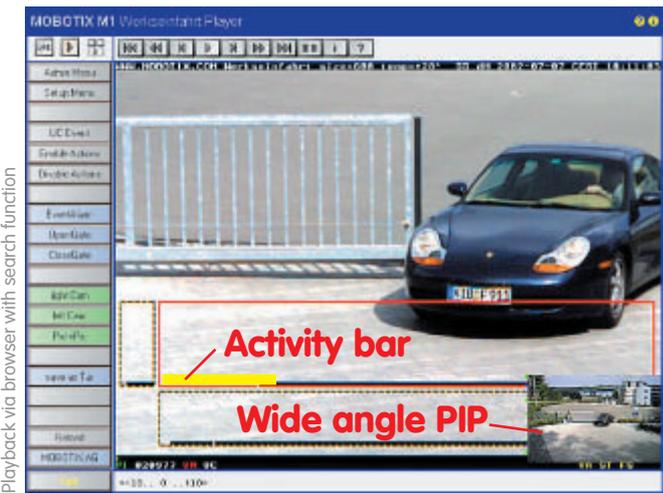
### Advantage – unlimited storage

The MOBOTIX video system has virtually no storage limitation since every server PC today can provide **terabytes** of hard disk space using inexpensive and reliable IT components.

# ... Without Additional Software

## Management system included

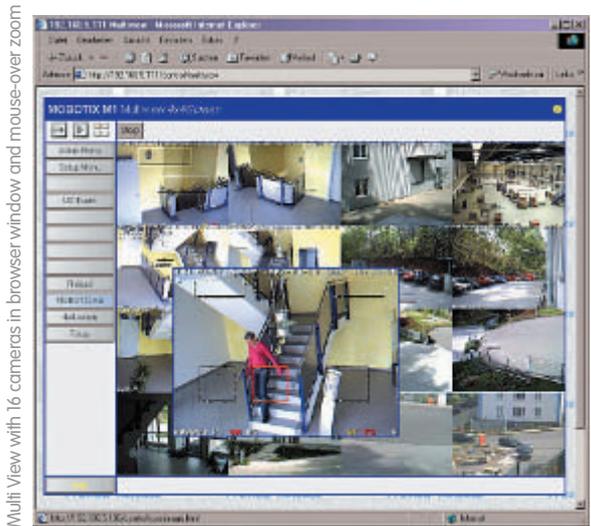
The MOBOTIX camera not only features the recording functions, but also a complete management system via a web browser:



Playback via browser with search function

PIP: display of image by the second sensor with wide angle lens

- Event search
- Event playback
- Alarm signals
- Alarm list display
- Management of multiple cameras
- Quad and Multi View screens



Multi View with 16 cameras in browser window and mouse-over zoom

## Advantage – universal and web-compatible

In small environments as well as in big decentralized systems, it is an advantage when occasional users can access the video system simply via the browser. This platform-independent approach requires less installation work. MOBOTIX has even implemented PDA access using the Standard Pocket PC™ browser.



Browser event list of the MOBOTIX main entrance camera with 10 GB on the server

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## Easy Management Via Browser

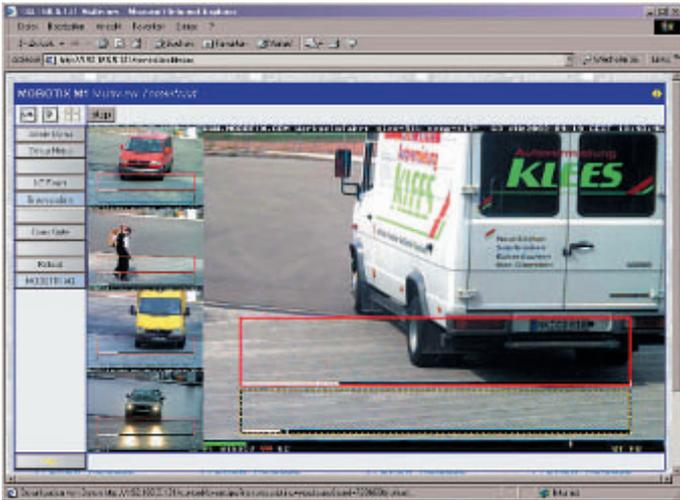
The MOBOTIX camera is a complete network CCTV system in itself with full recording and playback capabilities. Expanding the system by adding cameras is always possible, and if additional storage capacity on the file server is required, simply upgrade the system using standard IT components.

## Indicate Alarms ...

### Event-controlled savings

In a hotel garage for example, where there may be 100 vehicles coming and going in a 24-hour period it would not make sense to

Multi View in the browser with live image and the last 4 events



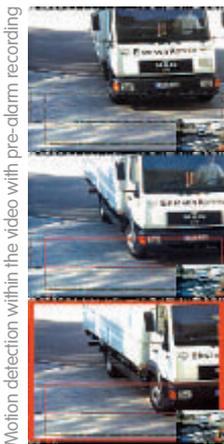
have continuous 24-hour recording of an empty entrance only to waste precious time playing back the tape in order to locate events. The MOBOTIX system is ideally suited for these kinds of situations since it

can be configured to record only when motion is detected or sensors (door sensor) report an event.

### Before and after

In order to capture the circumstances that lead to the event and what happened afterward, the MOBOTIX system can be configured to store images before and after the event was triggered.

Alternatively, complete video clips (CIF: 24 fps, VGA: 12 fps, Mega: 4 fps) with lip-synchronized audio can be stored.



### Integrated sensors

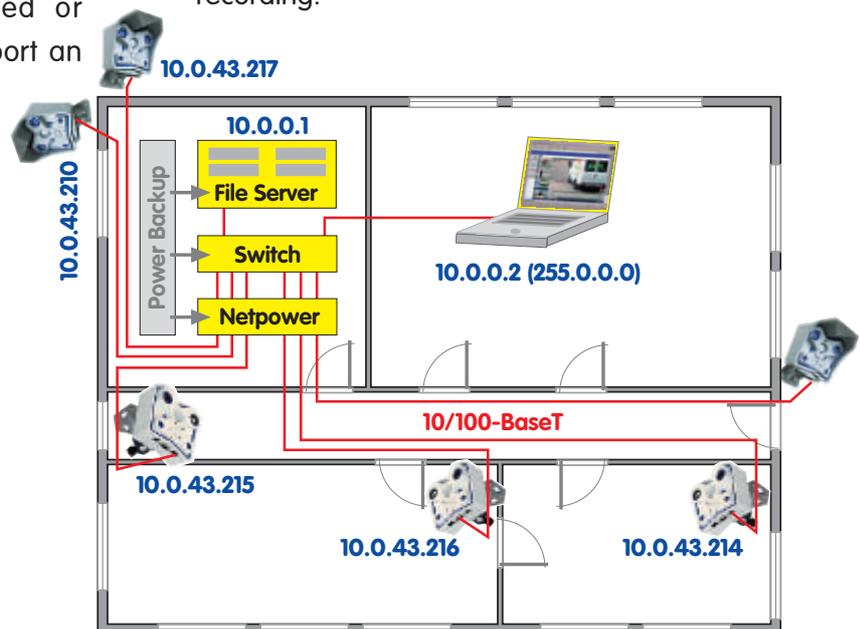
The MOBOTIX camera is equipped with some built-in sensors that can trigger events:

- Microphone with volume trigger
- PIR sensor for motion detection in the dark
- Video sensor for motion detection in user-definable image areas
- 12/24 V signal input for external signals
- Image brightness
- Internal camera temperature

Apart from these, network events or character strings on a serial interface, e.g. on a gas pump or cash register, can trigger image storage and telephone alarms as well.

### Simultaneous playback

Playback of recorded images is controlled by the camera's video management system, regardless of whether the images originate from within the camera or from an external source, and is accessible from any PC on the network, even while the camera is recording.



**MOBOTIX ... the new face of IP video**

[www.mobotix.com](http://www.mobotix.com)

## ... Store and Call

### Simple solution included

With 64MB of internal storage, approximately 2,500 high-quality event images (4,000 in CIF) can be stored directly in the MOBOTIX camera itself. No DVR, storage PC or additional software are needed to monitor places and to store images - only a MOBOTIX camera. Add an uninterruptible power supply (UPS) with a network cable and you get the perfect protection of your images against power loss.

### Efficient firewall

In large-scale, decentralized video systems, a large number of users often need to access the recorded data. In the MOBOTIX concept, firewall protection is quite simple since the users do not need to access the recording PC; they only access the data over the camera.

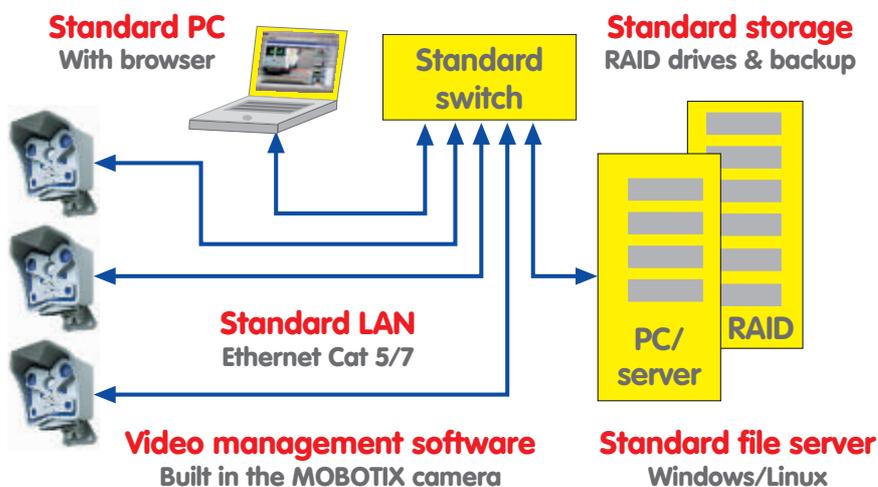
### ISDN phone and call management

The ISDN connection integrated in the MOBOTIX cameras can be used for exchanging data as well as for calling or sending voice messages. Managing and recording individual messages are integrated features just like managing the call list is. Problems with answering machines are avoided since a call needs to be confirmed by entering a PIN. When the PIN is not entered, the camera calls the next number on the call list.



### Remote access via telephone

You can trigger camera features from any dial-tone telephone in the world via ISDN. This way, you can open doors, display the last event, send an email with the current image or request the Internet IP address via voice message.



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### Efficient and Highly Dependable

Whether motion has been detected or one of the internal sensors has triggered an alarm – event-controlled pre- and post-alarm image storing is the most efficient recording method. Without a centralized component, the MOBOTIX system is robust and resistant to network failures. The integrated telephone alarm simplifies the system setup.

## Centralized Vision ...

### Advantages of browser technology

Being able to access live and recorded images easily from any network PC via a browser has definite cost advantages in decentralized systems. Also, event-related access to individual images results in low network load.

JPEG or MxPEG streaming are being used. At the same time, it supports bi-directional audio to the cameras at the touch of a button. Additionally, the following features are integrated:

- Alarm management and storage
- Alarm list according to camera or date
- Lip-synchronized audio/video recording (24 fps in CIF format)
- User and group administration
- Log book with alarm confirmation
- Zoom and full-screen display
- Sequential display with event stop
- Integration of pan/tilt heads
- Synchronized playback of event clips
- Remote interface for monitor walls

### Advantage – several channels simultaneously

The MOBOTIX **MxPEG** codec is designed so that the plug-in-free browser access via PC or PDA works simultaneously with the fast video streaming feature. Additionally, MxPEG allows the transfer of several streaming channels with different image rates at the same time so that the network load can be adapted to the capacity of the transfer channel.

### Easily integrated

Thanks to the openness and flexibility, the MOBOTIX system is easily integrated into higher-level surveillance systems such as building management systems. For these reasons numerous manufacturers have chosen to integrate MOBOTIX cameras and MxPEG.

### Advantages of streaming technology

In order to fulfill the control center requirements of airports or prisons where immediate full screen display of the live events is necessary, MOBOTIX has developed MxPEG streaming together with **MxPEG Viewer** (.EXE file) at no additional cost. Using the MxPEG Viewer, you can display full-screen live videos at the shortest possible reaction time (120 ms) on large display walls with as many monitors as you want.

### Multi-Talented MxPEG Viewer

The MxPEG Viewer supports fast and simultaneous display of several MOBOTIX cameras on your screen, no matter if motion

MxPEG Viewer as .EXE application with alarm list using Windows



## ... With **MxPEG** Instead of MPEG

### Disadvantages of MPEG

MPEG was developed for compressing movies offline, not for live cameras. Therefore, only one video stream was created. It is not important how much time it takes to compress a movie in the studio. The most important disadvantages of MPEG-based cameras are the following:

- Long reaction time of up to 1 second
- Limitation to just one video stream for all users

In order to compensate for these disadvantages, most MPEG cameras only use the low-resolution CIF format (352x288).

### Advantages of the MxPEG concept

MxPEG supports up to 1280 x 960 pixels. Its development has been focused on suitability for live cameras and not only on high compression rates. This has led to the following advantages:

1. The **very short reaction time** allows to precisely control pan/tilt heads via the network.
2. The **network load is defined** by the individual user since the cameras support parallel video/audio streaming with different image rates as well as browser access via JPEG images, simultaneously.
3. The **storage efficiency has been improved** due to different formats for live stream and recording, i.e. video stream and event-controlled individual images can be stored efficiently at the same time.
4. **Lip-synchronized audio** with freely selectable image rates from 1 to 24 fps
5. Simultaneous use of **browser interface** without plug-ins/ActiveX for M-JPEGs

### Exact with time stamp

In order to guarantee that the time stamps of images recorded by different cameras are synchronized, all MOBOTIX cameras support the timeserver protocol and can adjust the internal real-time clock periodically either locally or over the Internet. Thus, the MxPEG Viewer allows the **time-synchronized** playback of multiple cameras.

### Pan/tilt heads

Using their integrated serial interfaces, the MOBOTIX cameras can trigger not only external controls (SPS) but pan/tilt heads as well. Thanks to the short reaction times of **MxPEG** video streaming, these movements can be controlled accurately using mouse or joystick. When an alarm is triggered, stored positions can be accessed and recorded automatically.

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### Live cams prefer MxPEG

Thanks to MxPEG, IP cameras can be **integrated efficiently into control centers**. The MxPEG Viewer's full screen technology allows to **immediately display images on monitor walls without losing access via a browser**. In addition to the ability to record images in a decentralized way, every viewer can **record alarms and live images locally – with audio**.



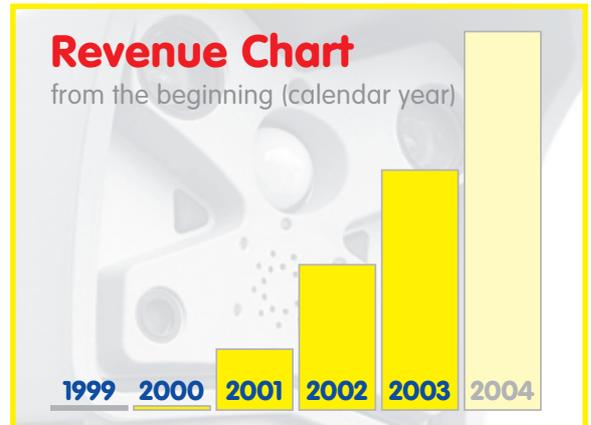
## With Growth ...

### IP surveillance "All-in-one"

MOBOTIX develops and manufactures ISDN/network cameras for user-friendly video surveillance and web cam solutions for IP networks. MOBOTIX is pioneering IP video surveillance and is the market leader for network camera technology in German-speaking countries.

### Professional around the globe

On a global level, you will find MOBOTIX systems monitoring dams in Japan, vacation homes on Hawaii, sewage treatment plants, banks and train lines in Germany, TGV tunnels in Belgium, research stations in Antarctica, palaces in Dubai, or print shops in Israel. The multitude of certifications MOBOTIX cameras have obtained (such as IP65 or UVV) is witness to the product's professionalism.



Not identical with the fiscal year starting on July 1st.

### Pacemaker for technology

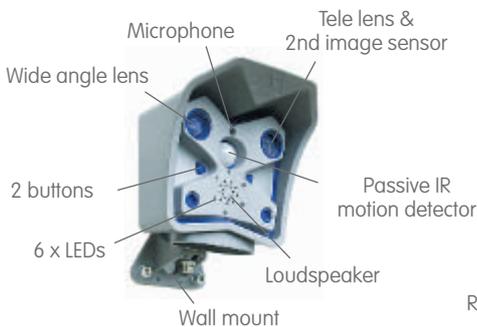
In 2003, MOBOTIX unveiled the first 1.3 megapixel camera, clearly demonstrating the worldwide technology leadership in the arena of ISDN/network cameras. Another worldwide unique feature is the low network load of 1 to 2 Mbps for high-resolution (640 x 480) live streams, thanks to MOBOTIX' patent pending MxPEG video compression technology.

### Reliable

MOBOTIX is renowned for high image quality and high-resolution images as well as for the reliability of its IP65-certified cameras in extreme weather conditions.

### Longtime experience

MOBOTIX is a privately owned company, which is firmly footed on the experience of Dr. Ralf Hinkel and Klaus Borchers. As founders of QUADRIGA, a laser devices manufacturer now part of the Trimble group, Dr. Hinkel and Mr. Borchers constructed and produced fully automatic construction lasers for BOSCH, WÜRTH, DeWalt and other companies.



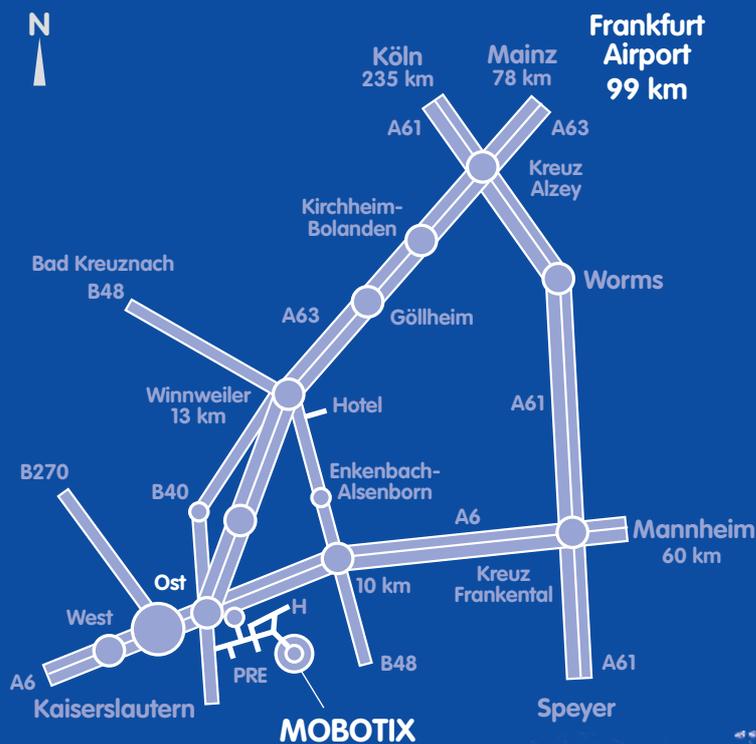
M10D - outdoor version  
Dimensions: 142 x 170 x 155 mm  
5 7/8 x 6 3/4 x 6 1/8 inch



M10Di - indoor version  
Dimensions: 142 x 142 x 138 mm  
5 7/8 x 5 7/8 x 5 7/8 inch



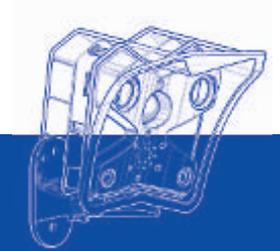
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## International Subsidiaries



... the new face of IP video

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