MOBOTIX Technical Benefits

The HiRes Video Company

MOBOTIX

High-Resolution Digital Image Instead Of TV Quality
Megapixel sensor and image processing inside the camera generate sharp images with a higher resolution than HDTV, allowing them to be recognized as evidence in a court of law.

1

Hemispheric Technology For An Overview With No Blind Spots
360° allround view or 180° widescreen image, corrected for perspective; only one camera is needed to view the entire room or train platform without any blind spots.

2

Bridging Of Recording During Network Failures
In-camera data storage (up to 32 GB) can even bridge longer network failures or bandwidth fluctuations (for example with wireless networks).

3

Professional Software For Systems Of Any Size
This control center and recording software, which is free of charge and used in tens of thousands of systems around the world, sets no limits on the number of users, cameras or servers.

4

Very Low Network Load
Efficient video codecs, motion detection and data storage of up to 32 GB in the camera guarantee a very low network load.

5

No Storage Limit
There is no storage limit for the entire system because each camera is able to manage its own terabyte-sized storage device (NAS) via the network.

6

Sun And Backlight Compensation
CMOS-sensor without auto iris, digital contrast enhancement and configurable exposure measurement zones guarantee optimum exposure control.

7

Day & Night Maintenance-Free
MOBOTIX dual cameras with two sensors and digital switching between day and night modes operate reliably with no mechanical components in all lighting conditions.

8

Simultaneous Recording, Event Search And Live Viewing
Live video for multiple users, simultaneous recording and event search possible in seconds from anywhere in the world via a network connection.

9

Sound And SIP Telephony
Lip-synchronous sound (live & recording); every camera is also a video IP telephone compliant with the SIP standard, featuring camera control and automatic alarm calls.

10

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MSRP (Manufacturer's suggested retail prices) • Prices ex-works Langmeil Germany (EXW) • excluding VAT and any other handling charges • Information subject to change without notice! • Price List 2011 • Date: 2/2011

7/86

MOBOTIX Cost Benefits

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1 Increased Resolution Reduces Amount Of Cameras Needed
1536 lines, high-resolution sensors give a better overview and allow monitoring an entire room with just one camera.

2 Reduced Installation Costs At Any Distance
Standard Ethernet connection enables the use of common network components such as fiber, copper and wireless (WLAN).

3 Intelligent Cameras Reduce The Number Of Storage Devices
The decentralized MOBOTIX concept enables the user to save around 10 times the standard number of cameras using just one storage device.

4 Event-Controlled Image Format Minimizes Storage Costs
Automatic image adjustment (frame rate, size) in the case of movement, noises or sensor action reduces bandwidth and storage requirements.

5 Low Power Costs, No Extra Heating
Anti-fogging without heating allows the system to be powered throughout the year using network cable or two wires (PoE standard) and saves on the cost of power cabling.

6 Backup Power Supply Costs Reduced By 80%
Low power consumption, approx. 4 watts, enables year-round PoE (no heating required) with one centralized UPS from the installation room using network cable.

7 Robust And Practically Maintenance-Free
Fiberglass-reinforced composite housing with built-in cable protection and no mechanical moving parts (no auto iris) guarantees longevity.

8 Software For A Thousand Cameras & Storage Devices Included
The right premium operating software for every application: MxEasy for compact video solutions, MxControlCenter for the professional control center.

9 Unlimited Scalability And High Return On Investment
More cameras and storage can be added at any time – even while the system is in use; image format, frame rate and recording parameters can be camera-specific.

10 Additional Functions And Other Extras Included
Sound support, lens, wall mount and weatherproof housing (-30 to +60 °C) (-22 to +140 °F) are included in the camera delivery; microphone and speakers available for most models.