Megapixel
1280 x 960
software zoom

30 Frames/s
VGA (640 x 480)
10 F/s Mega

-22°F ... +140°F
Weatherproof
- 30° ... +60°C, IP65
no heating necessary

IEEE 802.3af
PoE
network power
even in winter

microphone & speaker
Audio
bi-directional via IP
variable framerates

SIP-Client with video
IP-Telephony
alarm notify,
cam remote control

Video motion
multiple windows
precision pixel-based

lip-syncronized audio
Recording
event-ringbuffer
30 cams each 30 F/s

Live viewing
30 cams at 30 F/s
all on one screen

Backlight
safe using CMOS
without mechanical iris

Wall bracket
with cable cover
for RJ45 wall outlet

Robust
no moving parts
fiber glass housing

MOBOTIX Cost Benefits
High resolution IP recording cameras

1 **Increased resolution reduces amount of cameras needed**
960-line, high-resolution sensors give a better overview and allow monitoring an entire room with just one camera from the corner

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 recording technology reduces required storage**
Decentralized recording technology in the camera software puts less strain on PCs and reduces the amount of storage PCs (DVRs) by 10 times

4 **Event-controlled image rate minimizes storage costs**
Event-driven, automatically adjusted recording frame rate based on event or sensor action reduces amount of data and storage costs

5 **No additional power and no heating required**
Anti-fogging without heating allows usage of standard PoE technology to power the system via network and saves costs of power cabling

6 **Backup power requirement reduced by 8 times**
Low power consumption, 3 Watt, enables year-round (no heating required) PoE with one centralized UPS from installation room via network

7 **Robust and practically maintenance free**
Fiberglass-reinforced composite housing with built-in cable protection and no mechanical moving parts (no autoiris) guarantees longevity

8 **No software and no licence costs**
Control and recording software is integrated in the camera and is free of charge; new functions are available via free software downloads

9 **Unlimited scalability and high return of investment**
While in use, more cameras and storage can be added at any time; image format, frame rate & recording parameters can be camera specific

10 **Additional functions and other extras included**
Audio support, lens, wall mount and weatherproof housing (-30° .. 60°C; -22° .. 140°F) are included; microphone & speaker available in certain models

Security-Vision-Systems

MOBOTIX CORP, New York, NY • Security-Vision-Systems

www.mobotix.com • Phone: 888-MOBOTIX (662 6849)

MOBOTIX

Left film-strip column

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MOBOTIX Technical Advantages
High resolution IP recording cameras

1 Progressive-scan instead of half-frame blur
Mega pixel sensor and image processing inside camera with digital white balance generates sharp and true color images at every scale

2 Sun and backlight compensation
CMOS-sensor without autoiris, digital contrast enhancement and configurable exposure measurement zones guarantee optimal exposure control

3 Dual camera technology: 2-in-1
Two possible camera views with picture-in-picture technology or 180° panoramic view; one Dual-Fixdome camera with 2.5 megapixel is enough

4 Long-term, high-performance Terabyte recording included
Event detection and ring buffer recording by the camera itself allow recording of 40 smooth video streams on a single PC (1200 VGA images/s)

5 Simultaneous recording, event search and live viewing
Live video for multiple users, recording and event search simultaneously possible in seconds from anywhere in the world via network

6 Very low network load
Efficient MxPEG video codec, motion detection based recording and video buffering inside camera guarantee a very low network load

7 Bridging of recording during network failures
Internal camera ring buffer bridges network failures and bandwidth fluctuations of wireless links (WLAN/UMTS) for several minutes

8 Day & night maintenance free
Unique Day/Night camera technology without moving parts guarantees extreme light sensitivity and ensures long-term reliability

9 Audio and SIP telephony
Lip-synchronized audio (live & recording); each camera is a video IP telephone based on SIP standard with automatic alarm call and remote control

10 MxControlCenter included
Dual screen technology with building plans, free camera positioning, event search, image processing, lens distortion correction and PTZ support

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