MOBOTIX **D12** Quick Installation

Security-Vision-Systems
MOBOTIX

1

Prerequisites (MOBOTIX Camera, Standard PC, PoE Switch, CAT 5 Cable)

PoE switch*

Camera

PC/laptop*

CAT 5 cable*

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Prerequisites Without PoE Switch

MOBOTIX Power Adapter & power supply*

Camera

PC/laptop*

CAT 5 cable*

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Prerequisites (Troubleshooting)

- Computer & switch need to have 10/100 Mbps network interfaces
- Using a PoE switch is the simplest method for connecting the camera
- Use the MX Power Adapter if a PoE switch is not available
- Order MOBOTIX accessories from www.mobotix.com or by phone (toll-free) 1-888-MOBOTIX

2

Connecting the Camera (via PoE Switch)

PoE switch*

CAT 5 cable*

PC/laptop*

CAT 5 cable

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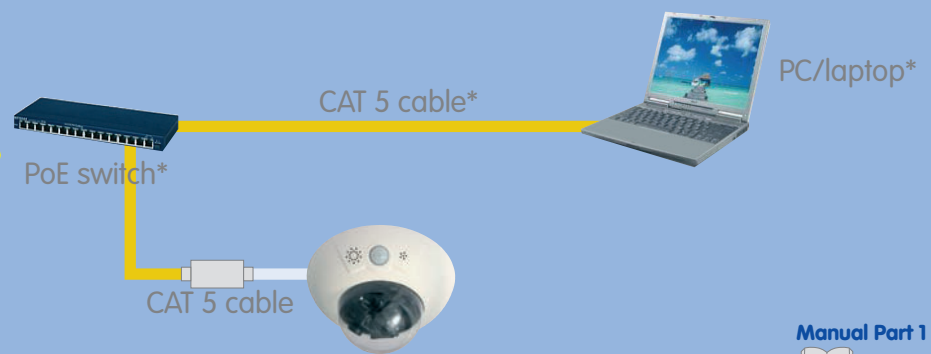
*Not part of the standard delivery

Connecting the Camera (Direct Connection via MX Power Adapter)

MX Power Adapter & power supply*

CAT 5 cable*

PC/laptop*

CAT 5 cable

Manual Part 1
📖 **S. 82**
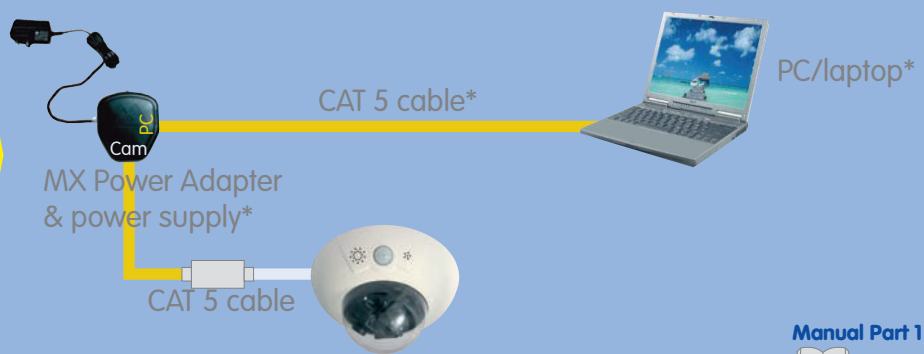
*Not part of the standard delivery

### Connecting the Camera (Troubleshooting)

Using PoE switch:
- Does the PoE switch support the IEEE 802.3af PoE standard?
- Is the camera cable connected to a PoE port at the switch?

Using an MX Power Adapter (NPA):
- Is the computer in the same subnet as the camera?
- Is the Power Adapter connectd properly? (power supply in the "Power" connector, computer in the "PC" connector, camera in the "Camera" connector)

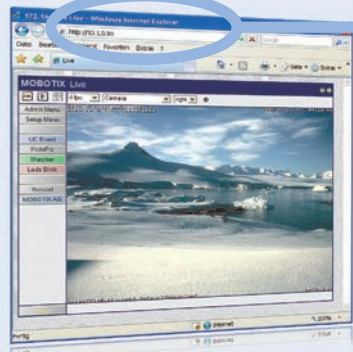## 3

The First Image in the Camera (in MxControlCenter)
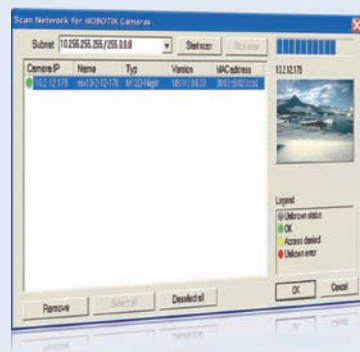
- Free-of-charge download from www.mobotix.com
- Install application from MSI file
- MxControlCenter automatically searches the cameras
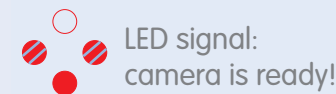
LED signal: camera is ready!
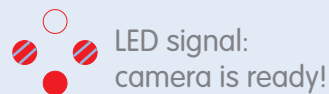
Manual Part 1
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The First Image in the Camera (in a Browser on Windows/Mac/Linux)

- Enter your camera's IP address in the browser address bar
- The IP address of your camera is printed on a sticker on the camera housing

LED signal: camera is ready!

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📖 **S. 91**

The First Image in the Camera (Troubleshooting)

In MxControlCenter (MxCC):
- Downloaded MxControlCenter successfully from www.mobotix.com?
- Installation completed successfully?
- Camera search in the subnet found the cameras?
- For more information, see p. 64 in the Camera Manual and in the MxControlCenter User Manual

Display in a browser (Windows/Mac/Linux):
- IP address correctly entered in the browser address field?
- Firewall properly configured and camera port 80 reachable?

User Interface (MOBOTIX MxControlCenter)
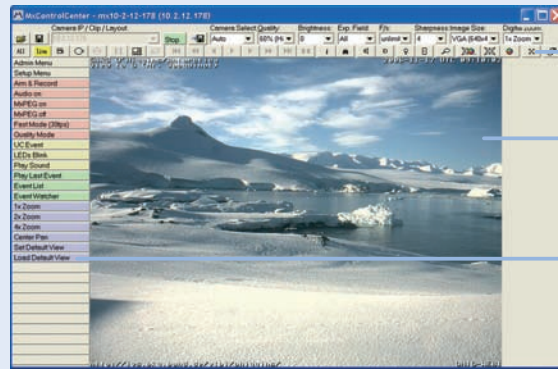
- Controls
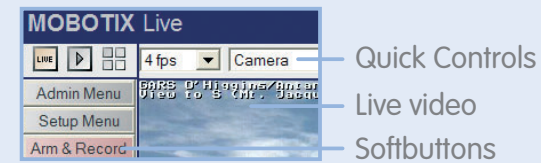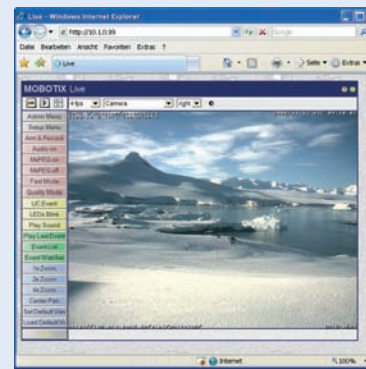- Live video display with background layouts
- Camera softbuttons

Manual Part 2
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User Interface (MOBOTIX Camera)

- Quick Controls
- Live video
- Softbuttons

LIVE	Live
▶	Event player
⊞	MultiView

Manual Part 2
📖 **S. 8**

MOBOTIX (Cost Benefits)

1. Increased resolution reduces amount of cameras needed
2. Reduced installation costs at any distance
3. Intelligent recording technology reduces required storage
4. Event-controlled image rate minimizes storage costs
5. No additional power or heating required
6. Backup power requirement reduced by 8 times
7. Robust and practically maintenance-free
8. No software and no license costs
9. Unlimited scalability and high return on investment
10. Additional functions and other extras included

Basic Settings (MOBOTIX MxControlCenter)

- 📁 Open video sources
- 💾 Store configuration
- **Start** **Stop** Start/stop video streams (live and recorded)
- 🎞 Toggle alarm list on/off
- ⊞ Toggle Layout Editor on/off
- ▤ Toggle background image mode on/off

MxCC User Manual
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Basic Settings (MOBOTIX Camera Softbuttons)

LIVE ▶ ⊞	Live, event player, MutiView (Quad, events, etc.)
Admin Menu	**Admin Menu controls system configuration**
Setup Menu	**Setup Menu controls event detection and recording**
Arm & Record	**Arm & Record activates internal event storage**
Audio on	**Audio on activates the camera microphone**
MxPEG on	MxPEG Codec on (video and audio display/recording)
MxPEG off	MxPEG Codec off (single JPEG images)
Fast Mode	**Fast Mode shows fast video with up to 30 F/s**
Quality Mode	**Quality Mode shows best image quality**
UC Event	Manually triggers an event
LEDs Blink	Manually flashes the camera LEDs
Play Sound	**Plays back a sound on the camera speaker**

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MOBOTIX (Technical Advantages)

1. Progressive-scan instead of half-frame blur
2. Sun and backlight compensation
3. Dual camera technology: 2-in-1
4. Long-term, high-performance Terabyte recording included
5. Simultaneous recording, event search and live viewing
6. Very low nework load
7. Bridging of recording during network failures
8. Day & night maintenance free
9. Audio and SIP telephony
10. MxControlCenter software included

Advanced Settings (MOBOTIX MxControlCenter)

Define background layouts
- Cameras can be positioned anywhere on a freely selectable background (floor plan, world map, etc.)

Event search
- Advanced search features according to events recorded by the cameras

Update camera software
- Update assistent can easily update many cameras at once

Advanced Settings (MOBOTIX Camera)

Display logos in the live images
- Use the dialogs in **Admin Menu > Logos and Image Profiles** to configure the logo generator

Access control
- Use the dialogs in **Admin Menu > Security** to configure users, groups and the corresponding access rights

PC/Server
Windows™/Linux™
Ereignis-Clips
4 5 6 7
Ringpuffer

External storage on file server
- Configure external storage in **Admin Menu > LAN Image Storage**

MOBOTIX (Contact)

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Security-Vision-Systems

MOBOTIX.com