The MxDisplay can be used as an intercom to a MOBOTIX IP video door station, but also to integrate and operate up to eight additional video sources (remote stations (iPhone, iPad)). MxDisplay 2 is farther away and uses the WiFi network of the DSL router. It is used primarily as video management system to monitor and configure the installed cameras.

**Technical Specifications**

- **Power Supply**
  - PoE (Power over Ethernet) using a CAT.5e installation cable
  - via an existing WiFi network
  - together with power supply via PoE (see above)

- **Network Connection**
  - Ethernet (PoE) with a power input of 24 to 50 V DC or PoE (IEEE 802.3af, class 2)
  - IEEE 802.11b/g/n, 2.4 GHz band

- **RFID**
  - typ. 3.5 W

- **Display**
  - 3.5”, 320 x 240 pixel resolution (CIF)

- **Outputs**
  - 1 potential-free relay output, 5 to 50 V, 1 A

- **Inputs**
  - 2.5 mm, 4-channel contact input

- **Dimensions**
  - 143 mm/5.63 in x 99 mm/3.89 in (MxDisplay 1)
  - 124 mm/4.88 in x 99 mm/3.89 in (MxDisplay 2)

**Available Accessories**

- **FlatMount Frame**
  - Order No.: MX-OPT-FlatMount-EXT-BL (black)
  - Order No.: MX-OPT-FlatMount-EXT-PW (white)

- **Single Frame**
  - Order No.: MX-OPT-Frame-1-EXT-BL (black)
  - Order No.: MX-OPT-Frame-1-EXT-PW (white)

**Important Notes**

- The installation of this product must only be on or in suitable solid materials that allow for a stable installation of the installation. The MxDisplay must not be installed in metallic materials, since this will prevent the RFID antenna from working properly and may even destroy the RFID chip.

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**Installation Example with Two MxDisplay Units**

1. Single frame or on-wall housing (for MxDisplay 1)
2. Single frame or on-wall housing (for MxDisplay 2)
3. Power supply and network connection
   - PoE-powered ports
   - Full power supply
   - Full PoE switch
   - DSL router
   - WiFi network

**Power Supply and Network Connection**

- PoE (Power over Ethernet)
- Ethernet (PoE) with a power input of 24 to 50 V DC or PoE (IEEE 802.3af, class 2)
- IEEE 802.11b/g/n, 2.4 GHz band
- RFID
- typ. 3.5 W

**Display**

- 3.5”, 320 x 240 pixel resolution (CIF)

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**Dimensions**

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Installing the Housing and the Frame

Single-frame with 107 mm (4.2 in) Wall Housing

1. Locate Cables into Housing

Connect the installation cable to the wall housing. Make sure that the frame of the wall housing is properly secured to the wall. When moving the frame from the template to the wall housing, make sure that even the screws included with the delivery of the single frame are tightened properly to ensure secure installation.

2. Insert Housing into the Frame

Check that the connection of all cables is secure and that the wall housing is properly inserted in the frame. For more information on the connection with the frame, see the corresponding sections in the T25 System Manual Part 2.

Let’s take a look at the MxDisplay Quick Install Guide. If you need further assistance, please contact your local distributor for support.

Connecting and Inserting MxDisplay into the Frame

Power Supply and Network Connection with Installation Cable

1. Prepare Installation Cable

Prepare the installation cable to length, into a blind wall. Ensure that all screws and nuts on the frame’s wall housing are properly tightened. Make sure that the wall housing is properly secured to the wall.

2. Connect Wires

Connect the wire pairs to the wall housing. The wire pairs should be properly secured to the wall housing to ensure proper connection. Make sure that the wire pairs are correctly connected to the wall housing.

3. Insert Cables into the Frame

Insert the cables into the frame. Make sure that the cable connections are properly secured to the frame.

Exterior Access Modules, WiFi Network

1. Connect One-Wire Cable

Connect one wire cable to the housing. The connection should be properly secured to the housing to ensure proper connection.

2. Connect Cable

Connect the cable to the MxDisplay. Make sure that the connection is properly secured to the MxDisplay.

Installation Wizard (Settings > Installation > Assign Door Bells)

Installation of MxDisplay in Existing Door Station

1. Open the Installation Wizard. If the screen is still valid, tap on the “Proceed” button. If the screen is not valid, tap on the “Reset” button. If the screen is not valid, tap on the “Install” button.

2. Tap on the “Install” button. If the screen is still valid, tap on the “Install” button. If the screen is not valid, tap on the “Reset” button.

3. Tap on the “Reset” button. If the screen is still valid, tap on the “Reset” button. If the screen is not valid, tap on the “Install” button.

Initial Operation

Make sure that the wall housing is properly secured to the wall. The MxDisplay is now ready for operation. For more information, please refer to the MxDisplay Quick Install Guide.

Quick Install

MxDisplay

www.mobotix.com