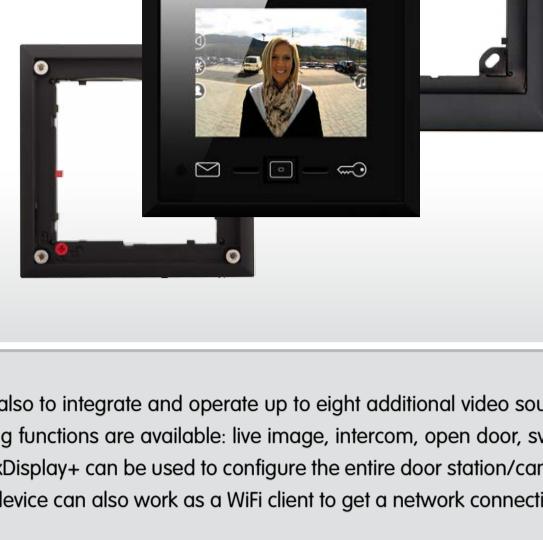




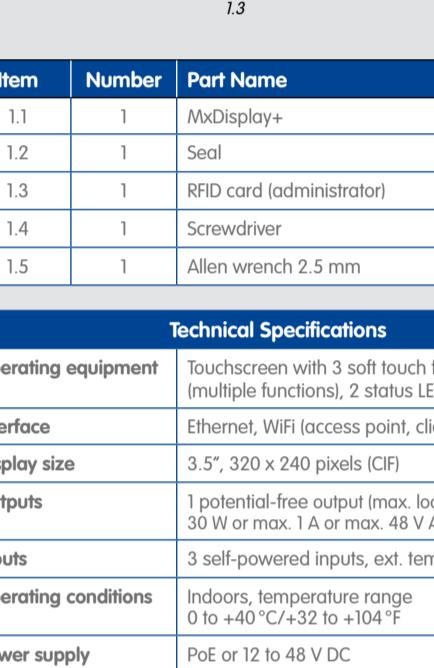
MxDISPLAY+: Intercom for Door Stations



- IP-based intercom with touchscreen for MOBOTIX door stations
- Video Management Software for MOBOTIX systems included
- Access control: issuing, changing and disabling of RFID cards
- WiFi access point and client functionality integrated
- Flush-mounting in-wall or on-wall installation
- fits into any MOBOTIX door station frame

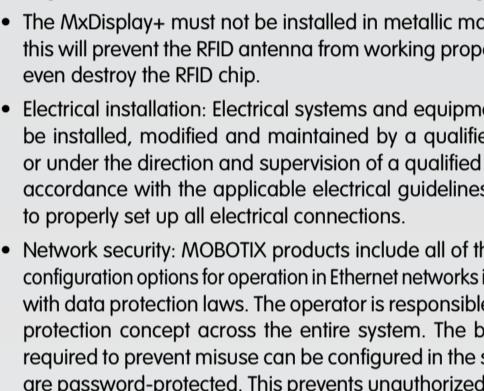
The MxDISPLAY+ can be used as an intercom to a MOBOTIX IP video door station, but also to integrate and operate up to eight additional video sources (cameras and door stations). When using the MxDISPLAY+ as an intercom, the following functions are available: live image, intercom, open door, switch light, access mailbox, playback recordings and manage RFID cards. In addition, the MxDISPLAY+ can be used to configure the entire door station/camera system and as a WiFi access point. If a wired network connection is not available, the device can also work as a WiFi client to get a network connection.

Delivered Parts



Dimensions

Order No.: MX-Display3-EXT



Important Notes

- The MxDISPLAY+ is only to be used together with the MOBOTIX original frames and the in-wall and on-wall housings.
- 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.
- Electrical installation: Electrical systems and equipment may only be installed, modified and maintained by a qualified electrician or under the direction and supervision of a qualified electrician in accordance with the applicable electrical guidelines. Make sure to properly set up all electrical connections.
- Network security: MOBOTIX products include all of the necessary configuration options for operation in Ethernet networks in compliance with data protection laws. The operator is responsible for the data protection concept across the entire system. The basic settings required to prevent misuse can be configured in the software and are password-protected. This prevents unauthorized parties from accessing these settings.
- This product must not be used in locations exposed to the dangers of explosion.
- The installation of this product must only be on or in suitable solid materials that allow for a stable installation of the fixing devices.
- When powering MxBus devices, you need to use either PoE or an 48 V DC power supply.
- Make sure the device is not operated outside of its operating temperature range of 0 to +40 °C/+32 to +104 °F.

Technical Specifications

Item	Number	Part Name
1.1	1	MxDISPLAY+
1.2	1	Seal
1.3	1	RFID card (administrator)
1.4	1	Screwdriver
1.5	1	Allen wrench 2.5 mm

Available Accessories for the FlatMount Frame

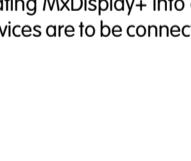
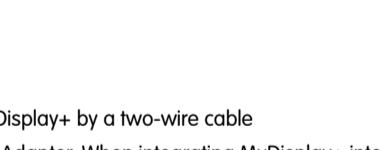
When using the FlatMount Frame, the MxDISPLAY+ can be installed in-wall either with an in-wall housing or without (cavity).

1. FlatMount Frame

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

2. In-wall housing

Order No.: MX-OPT-FlatMount-Box-EXT-IN



Available Accessories for the Single Frame

When installing the MxDISPLAY+, you can choose between two frames: the single frame and the FlatMount Frame. Using the single frame, you have the choice between on-wall and in-wall mounting. Note that the space is quite limited when using on-wall mounting.

1. Single frame

Order No.: MX-OPT-Frame-1-EXT-PW (white)

Order No.: MX-OPT-Frame-1-EXT-BL (black)



2. Single on-wall and in-wall housings

• On-wall housing

Order No.: MX-OPT-Box-1-EXT-ON-PW (white)

Order No.: MX-OPT-Box-1-EXT-ON-BL (black)

• In-wall housing

Order No.: MX-OPT-Box-1-EXT-IN

Power Supply and Network Connection

Power Supply

To supply power to the MxDISPLAY+, the following options exist:

- PoE (Power over Ethernet) using a CAT.5 to CAT.7 installation cable
- using an external power supply (12 to 48 V DC) that is connected to the MxDISPLAY+ by a two-wire cable

Using PoE as a power supply, all you need is a PoE switch or a MOBOTIX NPA PoE Adapter. When integrating MxDISPLAY+ into an existing network, using a PoE switch with several PoE ports is recommended – especially when several PoE-supplied end devices are to be connected. When powering MxBus devices, you need to use either PoE or an 48 V DC power supply.

Network Connection

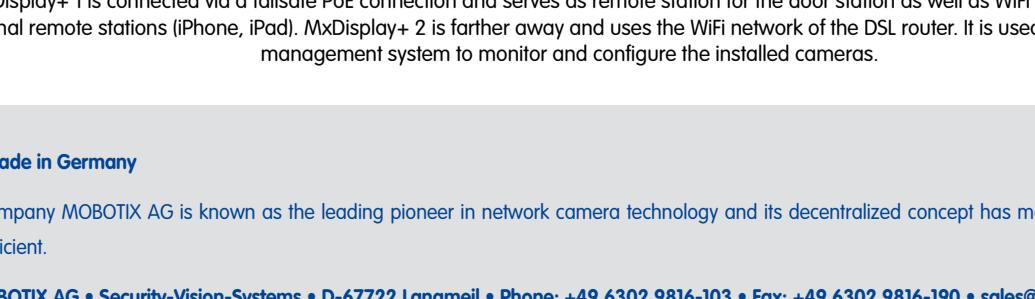
To connect MxDISPLAY+ to a network, the following options exist:

- together with power supply via PoE (see above)
- with Ethernet installation cable, but without PoE power supply
- via an existing WiFi network

Recommendation

The easiest and, more importantly, most reliable network connection for the MxDISPLAY+ is to use the network cabling for power supply and network connectivity (PoE). By nature, WiFi networks are bound to experience temporary disruptions. Therefore, it is **not** recommended to use a WiFi network connection for the MxDISPLAY+ if you need a reliable and permanently available door station intercom.

Installation Example with Two MxDISPLAY+ Units



MxDISPLAY+ 1 is connected via a failsafe PoE connection and serves as remote station for the door station as well as WiFi access point for additional 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.

