

## 2. MxDisplay In White



### The "Smartphone On The Wall" Now Available In White Too

It can be integrated flush with the wall, it comes in a stylish design and users can operate it using gestures, just like a modern smartphone. The MxDisplay from MOBOTIX is now available to order in white for the same price as the black model. The device's operating software has been given a new interface design to match the outer color.

The MxDisplay is extremely easy to operate and serves as a fixed remote station for the video door intercom. Regardless of what menu the user is in, tapping the key icon immediately shows the live image of the door intercom. Tapping and holding allows the user to open the door. If necessary, additional security can be provided via a PIN or transponder. The integrated Wi-Fi enables wireless operation of the MxDisplay and it can be used as a base station for other MxDisplays in the house. Smartphones and computers can log into the MxDisplay via the network or the integrated Wi-Fi and use all of the functions in the same manner. This way, a ringing at the doorbell is forwarded to the smartphone or the workstation.

Thanks to the Wi-Fi access point function, the MxDisplay connects smartphones and computers with the Internet, eliminating the need to set up an additional Wi-Fi system in the building. Keyless entry cards and transponders for the video door intercoms are created, changed and blocked directly via MxDisplay. The transponders can be assigned names and permissions can be limited in time, restricted to weekdays and hours or protected with an additional PIN. All entries and entry attempts are stored and, if desired, documented with video.

The trigger signals from door and window contacts, camera sensors and other sensors can be activated as an alarm with the display of a live camera. There is also an integrated automatic beep when specific doors (e.g., the entrance to a store) are opened.

MxDisplay – Highlights	
	Video remote station with touch screen, microphone, speaker and integrated video management software in the same color as the device for MOBOTIX Door Stations and cameras: Intercom with live image, activation of the electric door opener, switching of lights, launching of a short recording function directly in the live image and many more
	Comprehensive RFID functions: Setup and administration of RFID cards/transponders and access PINs, setup of limited-time access using a transponder or PIN (e.g., an access PIN that is only valid for 12 hours for a repairman or a card for cleaning staff that is only activated on Mondays)
	HD sound technology for optimal speech transmission to and from MxDisplay
	In standby mode: Displays the time and the value of the selected temperature sensor (e.g., an MX-GPS-Box on a camera); also possible to continuous display a live camera feed (e.g., from a door camera)
	Playback of voice mailbox messages and recorded events from the Door Stations and cameras, integrated event search and player function

## MxDisplay – Highlights

- "A break from the doorbell": Temporary deactivation of doorbell messages at individual display points or at all remote stations (e.g., during the night or while away; alarm messages can still be received)
- Wi-Fi function with various operating modes: "Client" for network and/or Internet connection to MxDisplay; "Extended Network" for setting up MxDisplay as a Wi-Fi access point for other devices in the home (smartphones, tablets, PCs)
- Switching functions can be programmed on devices for home automation (lighting, blinds, etc.)
- Camera and Door Station settings can be adjusted even without a PC (e.g., programming recording, changing access data, adjusting image settings, etc.)
- Integrated light sensor can automatically adjust display brightness (in darkness or sunlight)
- Simple installation, power supplied via Ethernet cable (PoE) or standard power supply unit (24 to 48 V DC), wireless network connection also possible
- Easy to set up and use as many MxDisplays as necessary in the house

## MxDisplay: Technical Data

Model versions	MX-Display1-EXT-PW (color: white) MX-Display1-EXT-BL (color: black)
Operating conditions	IP30 (DIN EN 60529), ambient temperature 0 to 40 °C (32 to 104 °F), protection class II
Interfaces	Ethernet (single wire connector for AWG20-24 installation cable), Wi-Fi, RFID
Protocols	IPv4, IPv6, HTTP, HTTPS, DHCP (client and server), NTP (client and server)
Ethernet	PoE (IEEE 802.3af, class 2)
Wi-Fi	IEEE 802.11b/g/n, 2.4 GHz band; client or access point; WPA2 encryption
RFID	MIFARE DESFire EV1
Outputs	One isolated relay output, max. 48 V AC/DC, max. 1 A
Power supply	PoE or 24–48 V DC
Power consumption	typ. 3.5 W
Display size	3.5", resolution: 320 x 240 pixels (CIF)
Supported video sources	All MOBOTIX cameras and Door Stations from firmware 4.2.3.x (14/24 series, not M12), number of supported cameras: 8
Dimensions (H x W x D)	99 mm x 99 mm x 37 mm; MxDisplay fits into the familiar frame and housing of the Door Station modules and in the new FlatMount Frame
Weight (including packaging)	270 g
Controls	Touch screen with three non-moving, illuminated soft-touch buttons for several functions, two status LEDs (three colors)
Sound	Microphone and speaker, 16-bit/16 kHz (HD sound), one-way intercom (push-to-talk)
Delivered parts	1 x MxDisplay, 1 x seal, 1 x admin card (red RFID card for accessing locked MxDisplay functions and card administration for KeypadRFID and BellRFID), 1 x screwdriver, 1 x Allen wrench, technical Documentation
Accessories (optional)	FlatMount Frame (e.g., MX-OPT-FlatMount-EXT-BL), in-wall housing (MX-OPT-FlatMount-Box-EXT-IN), module frame (e.g., MX-OPT-Frame-1-EXT-BL) with on-wall or in-wall housing (e.g., MX-OPT-Box-1-EXT-ON-BL or MX-OPT-Box-1-EXT-IN)



### MxDisplay Ordering Information In White:

Order number	EAN	Description	MSRP EUR	Available
MX-Display1-EXT-PW	4047438021074	MxDisplay indoor remote station for MOBOTIX Door Stations and video systems • With RFID and Wi-Fi • 1 x admin card • Mounting parts • Operating manual • Frame and in-wall housing can be ordered separately (e.g., FlatMount Frame MX-OPT-FlatMount-EXT-BL) • Color: white	598	Available now

### MOBOTIX Recommends The White FlatMount Frame For The White MxDisplay (Optional Accessories)

In order to be able to provide an aesthetically pleasing mount for the MxDisplay to walls in indoor areas, MOBOTIX introduced the FlatMount Frame to its product catalog in November 2014. Once mounted, all that is visible around the MxDisplay is a discreet, narrow 12 mm front frame made from high-quality, painted plastic. The FlatMount Frame allows the MxDisplay to be **mounted using a cavity socket without any additional accessories. In-wall installation** to a solid masonry wall is carried out by connecting the **in-wall housing** that comes as an accessory to the FlatMount Frame (installation opening: W x H x D: 112 x 112 x 60 mm).

### FlatMount Frame (White) And In-Wall Housing Ordering Information:

Order number	EAN	Description	MSRP EUR	Available since
MX-OPT-FlatMount-EXT-PW	4047438019811	FlatMount Frame for wall-mounted cavity socket or in-wall installation of MxDisplay and Door Station modules, integrated electromagnetic anti-theft protection, W x H: 124 x 124 mm, color: white	58	November 2014
MX-OPT-FlatMount-Box-EXT-IN	4047438019866	In-wall housing for the FlatMount Frame, securely connected to the surface or wall, installation opening (W x H x D): 112 x 112 x 60 mm	18	November 2014