

## 3. MX-DoorMaster On-Wall Mounting Set

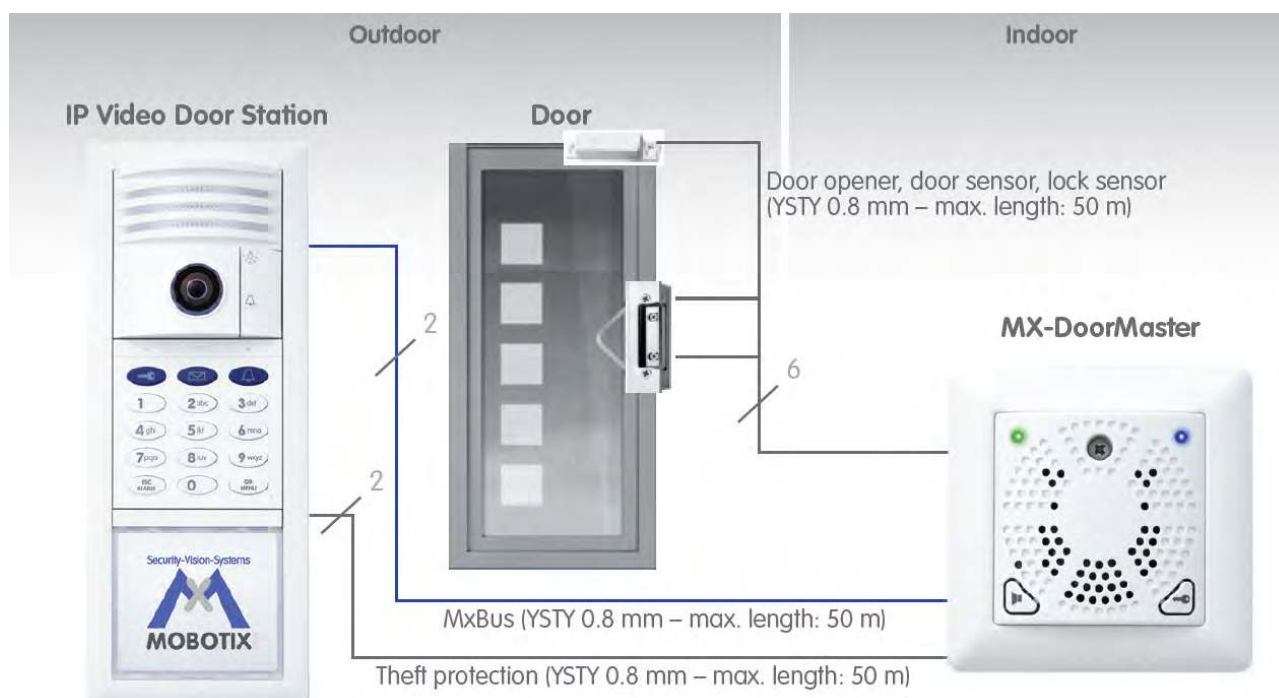
### Door Opening Module With Battery Backup Power Supply – MX-DoorMaster Now Also Available As An On-Wall Mounting Set

Every IP Video Door Station from MOBOTIX (T25M or S15M) can be linked with an MX-DoorMaster with integrated access code memory via the MxBus two-wire cable. The MX-DoorMaster is connected with an electric door opener, supplies it with power and switches it on and off as necessary. The MX-DoorMaster for on-wall mounting is now available. As the battery position has changed (now in the on-wall housing) in comparison to the still available in-wall model (MX-Door2-INT-PW), the on-wall model is **only available as a complete set** of housing and the DoorMaster module (MX-Door2-INT-ON-PW.) Just like the in-wall model, the on-wall set also contains all mounting parts and a total of three different white device frames (straight, concave and angular; to be used as needed).



### Supported Door Openers

An electrically operated standard door opener (6 to 12 V AC, minimum nominal resistance of 10 ohms, standby current not supported) can be directly connected to the MX-DoorMaster and supplied with the power from its integrated battery pack. Door openers can also be connected to a self-locking door lock (e.g., Mediator) or an additional power supply unit with up to 24 V AC/DC (max. 1 A.)



### That Is Why MOBOTIX Recommends An MX-DoorMaster For Every Door Station

The MX-DoorMaster contains all PINs, transponder data and access times for opening the door. Since this module is installed indoors and, unlike conventional door stations, no relevant access data is stored outdoors, the Door Station is excellently protected against theft and manipulation (e.g., pulling out the door opener wires from the wall and short-circuiting with a battery). It is not necessary to connect an extra power source to operate the electrical door opener, because the Security Door Opener generates the required voltage with the integrated rechargeable battery. Even in the case of a complete power failure, the RFID access module - in connection with the rechargeable battery of the MX-DoorMaster - ensures up to 60 hours of keyless entry. The PoE-powered Door Station automatically charges the battery via the MxBus two-wire cable.

In addition, the MX-DoorMaster functions as a doorbell and the user can select from a wide range of different ring tones. The device features two status LEDs and two function buttons (doorbell, door opener.)



## Application Areas For The MX-DoorMaster On-Wall Mounting Set (MX-Door2-INT-ON-PW)

The MX-DoorMaster on-wall mounting set can always be used in cases where holes cannot be made into or on the mounting surface (e.g., wall made from reinforced concrete or in rental properties) or where the MX-DoorMaster installation is to be concealed within a housing (e.g., an electrical cabinet.)

The front panel of the device can easily be replaced in a few simple steps with the supplied neutral housing covering (see figure) for concealed installations and for installations, for instance, in cabinets, cellars or industrial facilities, where all that is required is a secure connection of the door opener and the two function buttons, including the status LEDs, are not required (e.g., when an MxDisplay is used by multiple users at the same time).

## MX-DoorMaster On-Wall Mounting Set – Highlights

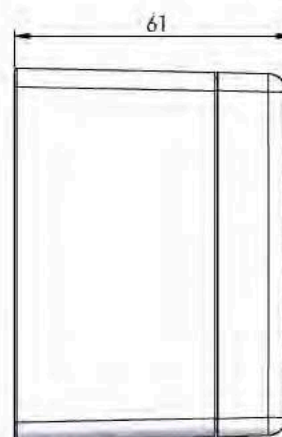
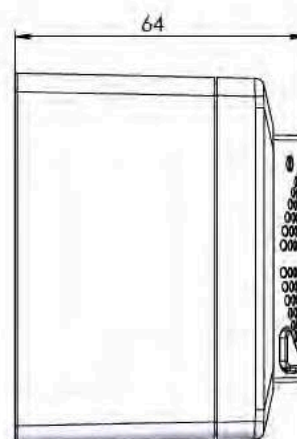
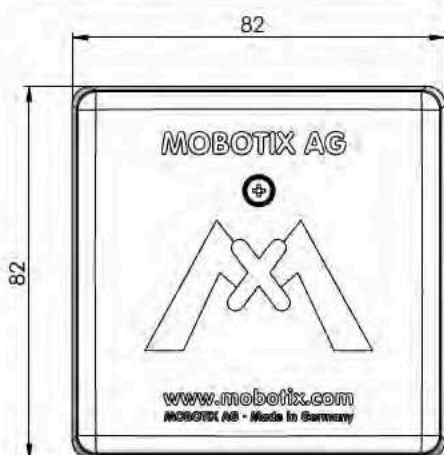
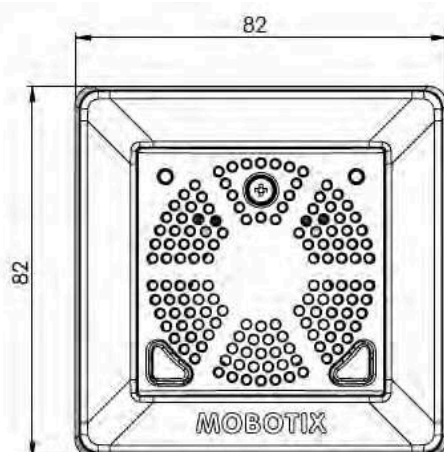
	Tamper-proof control for door openers via encrypted MxBus communication
	Doorbell for use indoors
	Open door, doorbell off/on, change sound
	Backup power supply of Keypad/BellRFID modules and door opener for up to 60 hours
	Support for all conventional door openers
	LED display of door status (door open, closed or locked), new voice mailbox messages, current and missed doorbell ring
	Simple installation, power supply via MxBus from the Door Station
	Can also be used as an on-wall mounting set with neutral housing covering (e.g., for placement in electrical cabinet)

## MX-DoorMaster On-Wall Mounting Set: Technical Data

Model version	MX-Door2-INT-ON-PW
Features	Security Door Opener with integrated access code memory
Interfaces	MxBus (max. distance of 50 m to Door Station)
User interfaces	Two status LEDs, two function buttons, integrated speaker (doorbell)
Protection class	IP20 (DIN EN 60529)
Ambient temperature	-5 to 40 °C (23 to 104 °F) (DIN EN 50155)
Supported Door Stations	T25M/T24M and S15M/S14M
Inputs	Two galvanically separated inputs with common reference potential (AC/DC, self-powered up to 48 V)

## MX-DoorMaster On-Wall Mounting Set: Technical Data

Outputs	One isolated relay output (AC/DC, 24 V/1 A) or One port for standard door openers (6–12 V AC) One output for MOBOTIX anti-theft protection (12 V DC)
Power supply	MxBus
Power consumption	Typical 1 W
Output	Max. 10 W
Switch time for door opener	Max. 5 sec.
Connecting wires	Cable cross-section 0.14 mm to 2.5 mm <sup>2</sup> , diameter 0.4 mm to 1.6 mm
Dimensions (H x W x D)	82 mm x 82 mm x 64 mm (with neutral housing covering: D = 61 mm)
Delivered parts	1 x MX-DoorMaster, 1 x on-wall housing with battery pack, 1 x neutral housing covering, 3 x device frames (straight, concave, angular), mounting parts, installation instructions





## MX-DoorMaster On-Wall Mounting Set Ordering Information:

Order number	EAN	Description	MSRP EUR	Available
MX-Door2-INT-ON-PW	4047438021876	Security Door Opener with integrated access code memory for on-wall mounting • Complete set including DoorMaster module, on-wall housing, three device frames, neutral housing covering, battery pack and mounting parts • Suitable for: IP Video Door Station with T25M/T24M/S15M/S15D/S14M/S14D as door camera • Built-in backup power supply (battery) for access modules • Doorbell • Direct connection and power supply for electric Door Opener und door sensors • Interface und power supply: MxBus • Two status LEDs, two function buttons, integrated speaker (doorbell) • Two galvanically separated inputs (AC/DC, self-powered up to 48 V) • One isolated relay output (AC/DC, 24 V/1 A) or one port for standard door openers (6 to 12 V AC) • Outlet for MOBOTIX anti-theft protection (12 V DC) • Protection class: IP20 • Ambient temperature: -5 to +40 °C (23 to 104 °F) • Color: white	248	Available now