Security-Vision-Systems

MOBOTIX

MxDisplay

This quick start guide introduces the most important functions and helps you to set up and configure the MxDisplay.

32.109_EN_V2_11/2014

First Steps

After the MxDisplay has
mode). Tap on the scree
several steps to add and
language, installing the
password. The wizard a

The MxDisplay automat
You can change this bel

been connected, it starts and shows the date and time (stand-by
n and select the Installation Wizard. The wizard leads you through
configure door stations and cameras. It assists you in selecting the
network, searching for devices and changing the user name and
lso assists you in assigning door bells and setting the time server.

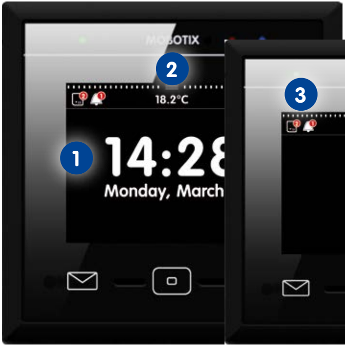
ically switches off after one minute in order to conserve energy.
havior in **Settings > MxDisplay Settings > Screensaver**.

At a Glance

In stand-by mode, you see at one glance:

1. the time and date of the selected time server
2. the temperature of the selected sensor (only ava
attached)
3. how many visitors rang the door bell, when this
occurred (tapping on the corresponding icon show
4. the WiFi status
5. if the bell is muted (the display periodically switches b

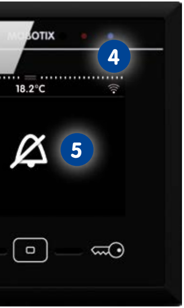
MOBOTIX
14:28
Installation Wizard


MOBOTIX
2
3
1
18.2°C
14:28
Monday, March

ilable if an MX-GPS-Box has been

happened and how many events
vs the event image to the last event)

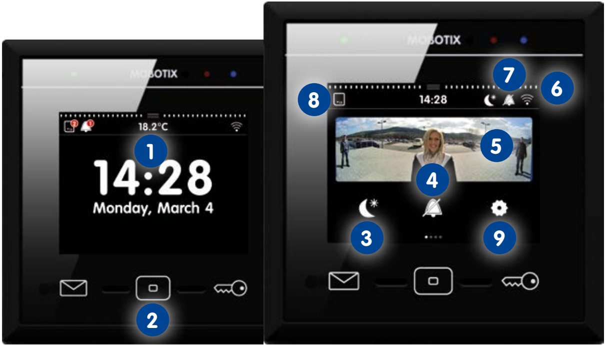
etween this icon and stand-by mode)


OTIX
4
18.2°C
5

The Main Menu

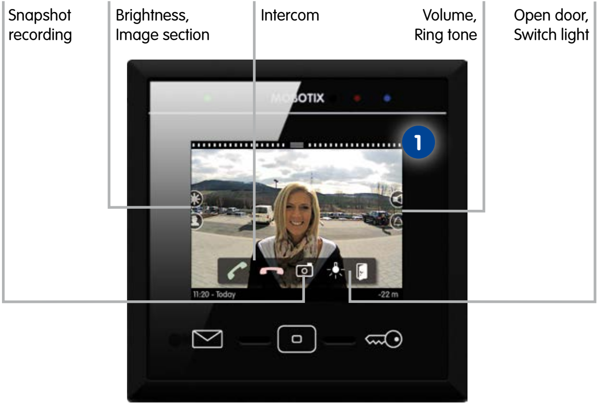
From stand-by mode, you can enter the main menu either by tapping on the screen (**1**) or by tapping on the **Home** button (**2**).

In the main menu, you activate the "Do not disturb" function (**3**) for all connected devices and the "Mute bell" function (**4**) only for this device. In addition, you see the reference image (**5**) of the first camera in the camera list and you can select cameras from the camera list (**6**) by pulling down the camera bar at the top and tapping on the desired camera. You see the different camera status (**7**), will be informed about events (**8**) and can open the system settings (**9**). The system settings include the basic settings as well as all settings for day-to-day operation of the MxDisplay, from bell behavior to camera configuration and access control.


MOBOTIX
18.2°C
1
14:28
Monday, March 4
2
MOBOTIX
7
6
8
14:28
5
4
3
9

The Live View

In the Live view, you can see the live image of each camera integrated in the system and control the cameras using sliders. Sliders are used to change the speaker volume, the image brightness, to select preconfigured image sections, adjust the volume of the ringing tone, start a snapshot recording, talk to visitors at the door, open the door and switch lights. To show the sliders, tap on the live image. To see another camera image, either pull down the camera strip (**1**) and tap on the desired camera image or tap on the camera image in the main menu.


Snapshot recording
Brightness, Image section
Intercom
Volume, Ring tone
Open door, Switch light
MOBOTIX
1
11:20 - Today
-22 m

Live – Door Bell is Ringing

When the door bell rings, *MxDi*
corresponding controls.

Live – Push-to-talk, Opening D

To speak to a visitor at the door
the visitor, release the button. T
you want to open the door, tap
Light button (**3**), if this camera

Live – Selecting Other Camera

Tap on the **Key** button (**4**) to sh
camera. Double-tapping into the li
an enlarged detail view. Doubl
end the detail view.

Note: The camera list can show di
than the cameras you see when
Key button. Open the camera
Home button and hold it to def
of the camera list as well as the
are shown when tapping on th

splay shows the live image of the door camera with the

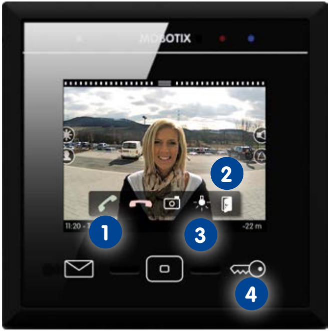
oors and Switching Lights

, tap and hold the green receiver button (**1**). To listen to o close the audio connection, tap on the red receiver. If on the **Door** button (**2**) and to switch light, tap on the can switch lights.

s and the Detailed View

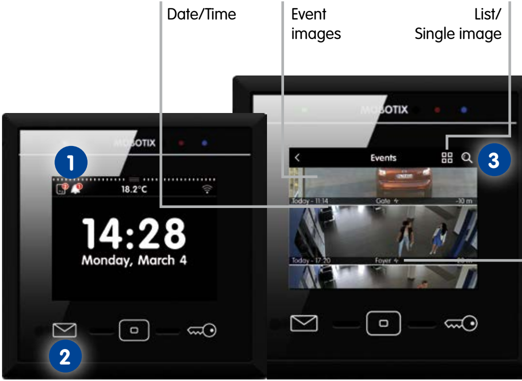
how a different ve image shows e-tap again to

fferent cameras tapping on the list, tap on the ine the content "favorites" that e **Key** button.

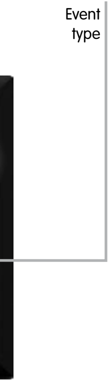

MOBOTIX
11:20
-22 m
1
2
3
4

The Event List

MxDisplay shows the number of new events in the top left corner o **Event** list shows all recorded events with a preview image, the date a the event type that triggered the recording and the camera name. To the **Envelope** button (**2**). All mailbox messages are listed in one list are listed in another list. Tap again on the **Envelope** button (**2**) to s If you want to show only specific cameras or time ranges, simply ta glass, select the camera(s) and the time range, then tap on **Searc** **Single image** switch to change the event list display accordingly.

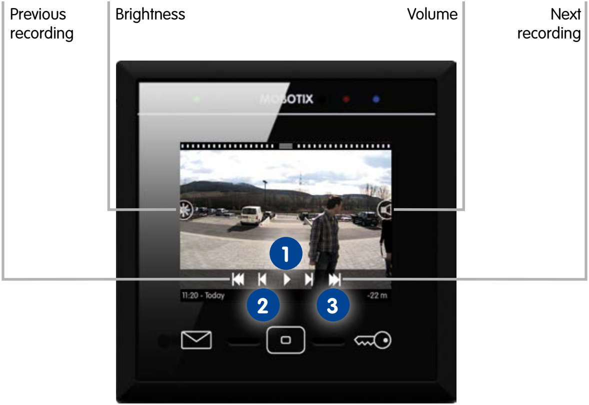

Date/Time
Event images
List/ Single image
MOBOTIX
18.2°C
14:28
Monday, March 4
Events
Today - 11:14
Gate
-30 m
Today - 17:20
Foyer
1
2
3

f the screen (**1**). The
nd time of the event,
open this list, tap on
and all other events
switch between lists.
p on the magnifying
h (**3**). Use the **List/**



The Player

To play back a recording, tap on an event image in the event list. The player to this event list opens. You can now play back the recordings of the events in this list. Or you can open the camera strip, then tap and hold on one of the live images. Several icons are shown. Tap on **Playback** to open the player. In the player, tap on **Playback** (**1**) again to play back the recording. Tap on the **Fast Forward/Rewind** buttons to move within one recording (**2**) and tap on the **Next** and **Previous** buttons to move between recordings (**3**).


Previous
recording
Brightness
Volume
Next
recording
MOBOTIX
1
11:20 - Today
2
3
-22 m

System Settings All at One Location

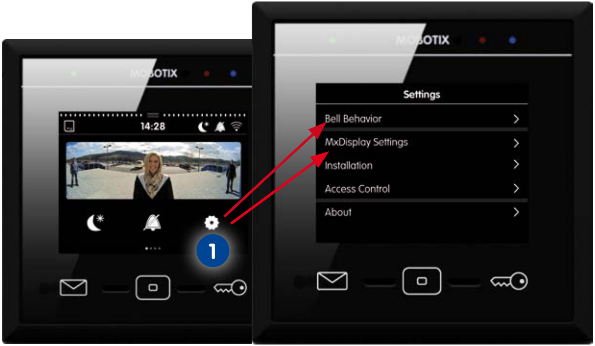
Regardless of whether you want to change the bell behavior, adjust device-specific settings, configure the cameras or the system, everything is clearly located in one menu. To open this menu, tap on **Settings** (**1**) in the main menu.

Bell Behavior

Configures the desired bell behavior for each bell. The bell behavior includes, for example, the ringing tone or the selection of the mailbox announcement.

MxDisplay Settings

Sets device-specific parameters for this MxDisplay: screen saver, language and brightness, audio settings and illumination of the buttons.

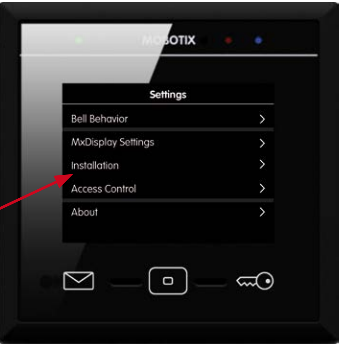

MOBOTIX
14:28
1
MOBOTIX
Settings
Bell Behavior
MxDisplay Settings
Installation
Access Control
About

Installation

This menu item contains the **Camer**
Configuration with the options to lo
set up recordings and to configure
In addition, the **Display Configurat**
the network, to set up a time serv
Wizard opens with the first start of
time later in this menu.

MOBOTIX
14:28

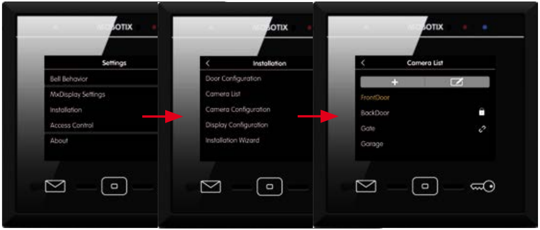
a List to add and delete cameras, the **Camera**
ck the auto configuration for door cameras, to
the bell buttons of the door station modules.
tion allows to assign door bells, to configure
ver and to manage settings. The **Installation**
the MxDisplay, however, you can open it any


MOBOTIX
Settings
Bell Behavior
MxDisplay Settings
Installation
Access Control
About

Camera List

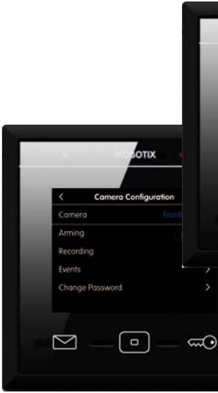
Use this list to add cameras and door stations and to edit them later on. Tap on **Settings > Installation > Camera List** to open the list.

- **Adding cameras using Bonjour**
  Tap on Plus (**+**) and start the camera search (magnifying glass) to list the cameras that are found. Select a camera, enter a name, then enter the user name and password. Confirm by tapping on the checkmark in the top right corner.
- **Adding cameras manually**
  Tap on Plus (**+**) and then on **Manually Adding**. Enter the camera name and the URL (incl. port), the user name and password.
- **Editing the camera list**
  Tap on **Edit** to delete cameras, to change the sorting order and to select cameras as “favorites” (tap on the **Key** button).

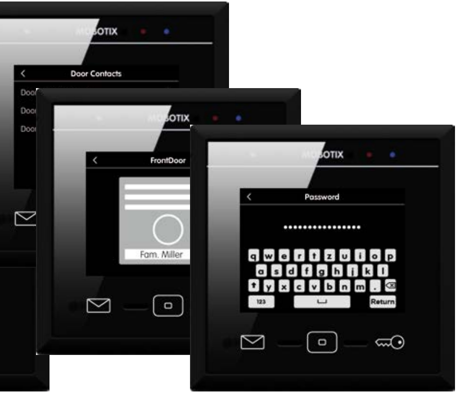


Camera Configuration

Tap on **Settings > Installation**
camera. Select the camera yo
configuration to avoid acciden
and adjust the parameters as
a recording. To configure the
bell buttons and the contact
the “Admin” user in this menu



> Camera Configuration to change various settings on the
ou want to modify. For door stations, you can lock the auto
tal reconfiguration. To configure recording, tap on **Recording**
needed. Then select the events that are supposed to trigger
door bell(s), activate the bell button, configure the BellRFID
numbers. You can also change the camera password of
u.

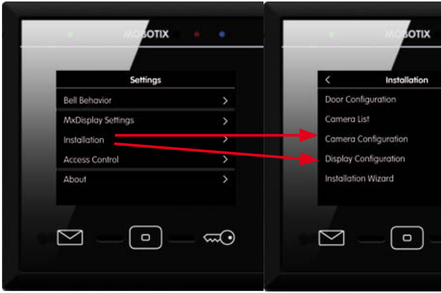


MxDisplay Configuration

Tap on **Settings > Installation > Display Configuration** to conf
can assign the door bells to the MxDisplay, set the LAN network
the WiFi module of the MxDisplay. In addition, you can select a
it. You can lock functions, manage settings and change the A
by factory default).

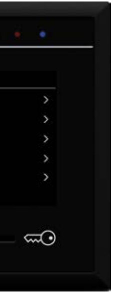
Installation Wizard

The Installation Wizard helps you to add and configure door st
wizard opens when starting the MxDisplay for the first time, but it
to add door stations and cameras. To open the wizard, tap on
Installation Wizard and complete the individual steps.



igure the MxDisplay. You
parameters and activate
time server and activate
dministrator PIN ("0202"

ations and cameras. The
can also be opened later
Settings > Installation >

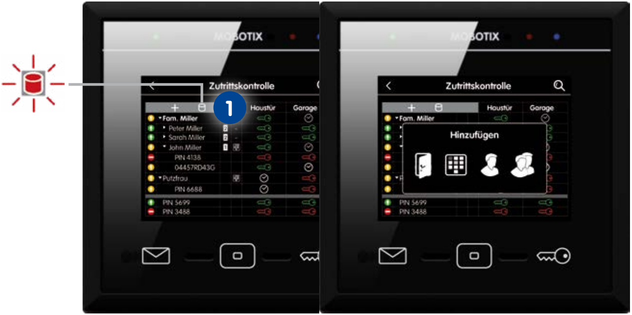


Access Control

Tap on **Settings > Access Control** to create new users and assign RFID cards/access PINs to users. You can create new tenants, add RFID cards and activate/deactivate RFID cards. You can also set access times for specific RFID cards. You assign additional PIN numbers, lock cards and assign rights to the cards (e.g., which doors can this card open, which mailboxes can it check and which MxDisplay functions can be protected by the card).

To add a new card, hold the card over the **Home** button and follow the instructions. This allows transferring the RFID cards of an integrated door station into the system ("card on camera" icon in the center) and to add further user cards after that. To initialize the RFID system without an integrated door station, you need to identify yourself using the Administrator PIN.

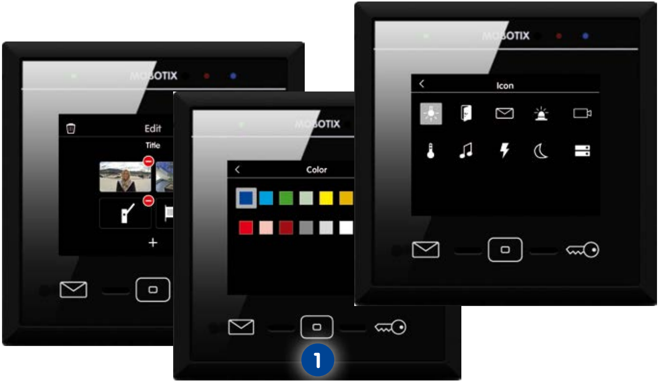
If the icon (**1**) is flashing red, the changes have not yet been saved on the cameras. Tap on the icon to permanently save the changes.



Personalized Interface Settings Fast and Easy

In order to quickly access often-used functions, you can create customized views. One view can be used to group up to nine functions with the corresponding icons and customized colors. To move from the main menu to the view(s), simply swipe over the screen with one finger.

Open the main menu (tap on the screen in stand-by mode). Then tap and hold the **Home** button (**1**). Tap on Plus (**+**) in the top right corner to create a new view. Then tap on Plus (**+**) in the center of the screen to add function buttons and to set their appearance for this view.



Initial Operation

Make sure that the c
further information, s
Support > Manuals >
start a browser, enter
and then select **Upda**

Note: By factory defau
has a local `10.x` IP ad

Starting up Door Sta

The complete startup
Until this is the case, f
Manual Part 2 (**www.**

1. **Power:** All devices
2. **Auto configuratio**
   tion 2.1.3 in the *T25*
   one as a master a
   auto configuration
   (KeypadRFID or Bel
3. **Access modules:** S
   RFID cards, enterin
   the bell buttons on
   System Manual Pa
4. **MxDisplay:** Reboot
   Key buttons until a

amera is using a camera firmware version `4.2.3` or higher. For
ee the *Compact Guide: Firmware Update* (**www.mobotix.com >
Software > Compact Guides**). To update the MxDisplay software,
the IP address of the MxDisplay (user `admin`, password `meinsm`)
ate System Software.

ult, the MxDisplay has been set to run as DHCP client. In addition, it
dress (see sticker on the back) with a network mask of `255.0.0.0`.

tions and Setting Up MxDisplay as Remote Station

using only MxDisplay will be possible with a later software version.
ollow the same steps outlined in *Chapters 2 to 4* of the *T25 System*
mobotix.com > Support > Manuals > IP Video Door Station).

have to be connected to the network and supplied with power.

n: Carry out the auto configuration at the door station (see *Sec-*
5 System Manual Part 2). When using several door stations, choose
nd then carry out the auto configuration on that door station. The
is completed by entering the Super PIN at the access modules
lRFID).

Set up the access modules that are used, including training the
g the contact/people/PIN numbers (if applicable) and configuring
the BellRFID modules (see the corresponding sections in the *T25*
rt 2).

the MxDisplay by simultaneously holding the **Envelope**, **Home** and
beep sounds five times in a row. Start the **Installation Wizard** via

Settings > Installation to change the language, the
desired bells. You can keep all other settings.

Important: You have to enter the Super PIN as the
The Super PIN is the number you entered during the
should define any existing door contacts and door lo
deactivate the auto configuration and activate the re
Camera Configuration). When using several MxDis
settings that you want to be the same on all devices (
you have set these parameters, you can apply the co
units (**Settings > Installation > Display Configurati**
all other MxDisplay units (as described before) and –
settings for each MxDisplay.

Note: Other cameras besides door station cameras c
using the installation wizard. Make sure that the cam
(this is the factory setting of camera software releases
factory default admin password `meinsm` is still valid.

Integrating MxDisplay into an Existing Door System

1. **MxDisplay:** Integrate the MxDisplay into the network
and cameras as described in the supplied *MxDisplay*
supply (PoE or power adapter).
2. **Installation Wizard:** After the MxDisplay has been
time (stand-by mode). Open the Installation Wizar
individual steps and assign the desired bells to the
later on in **Settings > Installation > Display.Configu**

camera access password and all

password for the door stations.
auto configuration. After this, you
ck switches for each door station,
cording (**Settings > Installation >**
play units, you can now carry out
(e.g., lock specific functions). After
onfiguration to all other MxDisplay
ion > Manage Settings). Reboot
- if required – configure individual

an be integrated into the system
eras are running as DHCP client
`4.2.3` and higher) and that the

k with the MOBOTIX door stations
y *Quick Install*. Establish the power

connected, it shows the date and
d (tap on the screen). Follow the
MxDisplay. This can be changed
uration > Assign Door Bells.

FAQs

How can I find out who was the last person to enter the door?

Tap on the **New Event** icon in the top left corner and in the **Event** overview, tap on the **Door** icon.

How can I find out who was the last person to ring the door bell?

Tap on the **New Event** icon in the top left corner and in the **Event** overview, tap on the **Bell** icon.

How can I change the ring tone?

In the main menu, tap on **Settings > Bell behavior**, select the bell, tap on ring tone and select the new ring tone.

I don't want to be disturbed – how can I switch off all bells on all devices?

In the main menu, tap on the **Moon** button. To deactivate, tap again.

Holding the button opens an overview, in which you can select the bells that are not supposed to to be part of the "Do not disturb" function.

How do I record a new mailbox announcement?

In the main menu, tap on **Settings > Bell behavior**, select the bell, tap on **Announcement** and then on Plus (**+**). Tap on the red dot of the recorder and record the announcement. To check the new announcement, tap on **Playback**. Tap on the checkmark in the top right corner to use the announcement or tap on the recorder to record a new one.

How can I always see the live image of the door station?

In the camera's live image, tap and hold the image until the **Live View** screen shows. Select **Suppress Screensaver** to always show the live image.

FAQs (continued)

How can I lock/delete an RFID card/access PIN?

In the main menu, tap on **Settings > Access Control**. Select the desired card number/ access PIN, tap on the **Key** icon to the right, then tap on the red key. The RFID card/ access PIN is now locked and cannot be used any more.

How can I set up an RFID card for limited access times?

In the main menu, tap on **Settings > Access Control**. Hold the RFID card in front of the MxDisplay to select the card in the table. Tap on the highlighted cell to set the access for this door camera. By tapping on the card number, you can configure the card for all doors.

How can I save my settings?

In the main menu, tap on **Settings > Installation > Display Configuration > Manage Settings > Save**.

How can I protect the configuration against accidental changes?

If the configuration is not protected, an open lock shows in **Settings > Installation**. Tap on the lock and lock the desired features in the dialog. To change protected settings, you need to hold the Administrator card to the front or enter the Administrator PIN.

How can I reset the camera connections and how can I restart the system?

Both actions are initiated by tapping and holding the **Letter**, **Home** and **Key** buttons at the same time. After five beeps, the MxDisplay will reset the camera connections. After another five beeps, the entire system will reboot.

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Further Information

Instructions and informations about installing and setting up the MxDisplay units can be found in the *MxDisplay Quick Install* (**www.mobotix.com > Support > Manuals**).

Support

Open **www.mobotix.com > Support > Support** to contact our technical support.

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www.mobotix.com

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