



# ABB-Welcome

Your gateway to the world



- Ease
- Simplicity
- Security
- Flexibility

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**Your home is an expression of yourself. With ABB Door Entry Systems, your personal style is enhanced by its innovative technology. The system is more than just a door video system, it's the future of smart home monitoring and security right at your fingertips. Depending on the requirements of your smart home, you have the choice to figure out ideal home.**

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# ABB-Welcome outdoor station

## Designed to please

Speaking, hearing, seeing and touching. ABB-Welcome brings these senses together in one interactive communication experience. That is why the ABB-Welcome outdoor station have become an integral part of our customers' lives.

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01 ABB-Welcome keypad  
outdoor station

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02 ABB-Welcome push button  
outdoor station

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03 ABB-Welcome mini  
outdoor station



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01



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02



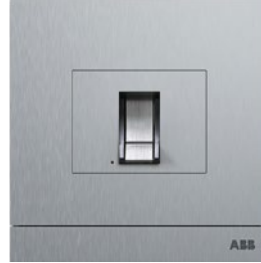
—  
03

- Clean design
- Integrated speaker and microphone into patented door-shaped design
- Brush finish easy installation
- Camera module with super anti-fog coating and built-in heater
- Automatic day to night mode switchover
- Built-in LED for night illumination to display defined graphics

- 04 Standalone keypad module
- 05 Standalone fingerprint module
- 06 Standalone transponder module



04



05



06

Standalone module connects to ABB-Welcome door communication by 2-wire cable. These modules enrich the product of outdoor stations that can provide a flexible solution for you. We have three types of modules including standalone keypad module, standalone transponder module and standalone fingerprint module.



# ABB-Welcome outdoor station

## Module design with infinite possibilities

Our customers' requirements vary from the most basic to the complex. With functional modules, ABB-Welcome provides the answer for all these needs. This modularity delivers the optimum door communication solution for all types of new construction and retrofit applications. Modularity also allows for a reduction in stock for our distributors and quick service replacements should the need arise.

01 ABB-Welcome push button module, 1 button with/without NFC/IC

02 ABB-Welcome push button module, 2 buttons with/without NFC/IC

03 ABB-Welcome push button module, 3 buttons with/without NFC/IC

04 ABB-Welcome info module

05 ABB-Welcome push button module, 3/6 buttons

06 ABB-Welcome push button module, 4/8 buttons

07 ABB-Welcome keypad module

08 ABB-Welcome display module

09 ABB-Welcome finger print module

10 ABB-Welcome audio module, no buttons

11 ABB-Welcome audio module, 1 row push button

12 ABB-Welcome audio module, 2 row push buttons

13 ABB-Welcome camera module

14 ABB-Welcome audio/video module

15 ABB-Welcome audio module, no buttons

### Functionality module



01



02



03



04



05



06



07



08



09

### Master module



10



11



12



13

Old platform



14



15

New platform



Modular design means more flexibility. For a single family home, many combinations of outdoor stations are possible to create the desired solution according to the requirements of the builder, architect, installer and the aesthetic taste of the owner.



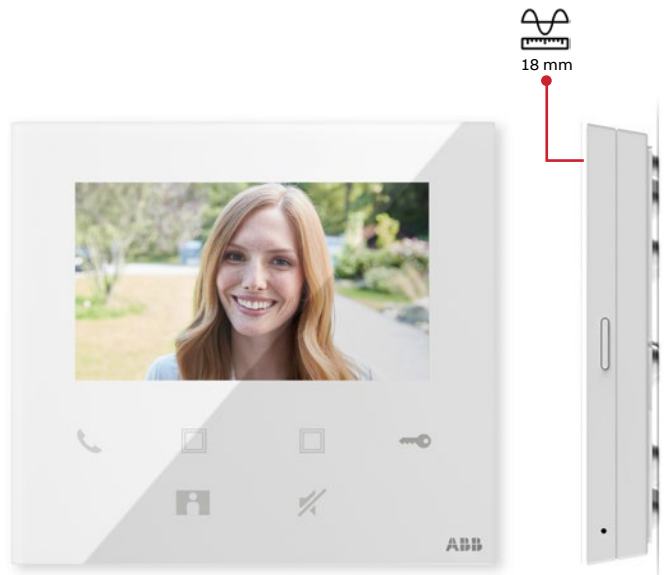
# ABB-Welcome video indoor station 4.3, WiFi

## Your home is under control with WiFi panel

The video indoor station 4.3 including WiFi connection is the latest addition to the ABB-Welcome door communication world. With its impressive design and simplicity in use, it is the perfect choice for your comfortable living room. Thanks to the intuitive design, all functionalities are only a touch away, with additional programmable buttons enabling flexible customization to cover all your needs. ABB-Welcome video indoor station 4.3, WiFi solution provides the best level of security and control for your network and data, and for protecting your home and family.

### Design

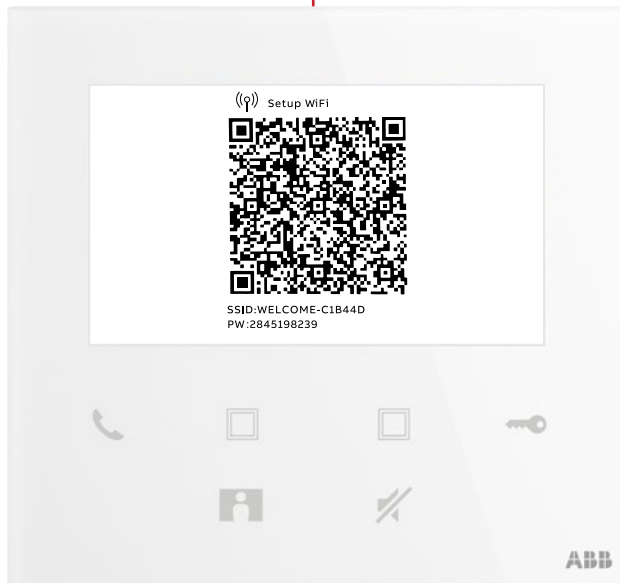
- Thin and modern design, a perfect choice for your comfortable living space
- 4.3" IPS screen with crystal-clear picture quality and wider viewing angles
- Intuitive button layout, so you will not miss any call or press the wrong button
- Additional programmable buttons enable flexible customization of functionalities







Up to 8 mobile devices can be paired with panel



**Ease & Simplicity**

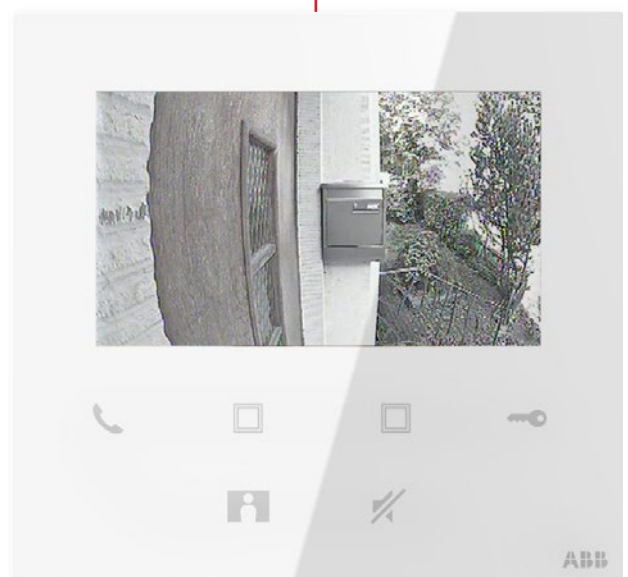
- Pair your mobile with the panel and allow your family members to accept the call by mobile devices
- User-friendly graphical design, intuitive to operate
- Manage your panel easier by your mobile devices locally and remotely
- Firmware update in time



Keep your living space safe

**Security**

- ABB Security solution keeps you safe with 24/7 to prevent hacker attack
- Secure your data transmission safe
- Personal data will be stored safely in the ABB platform



# ABB-Welcome Video Indoor Station 7"

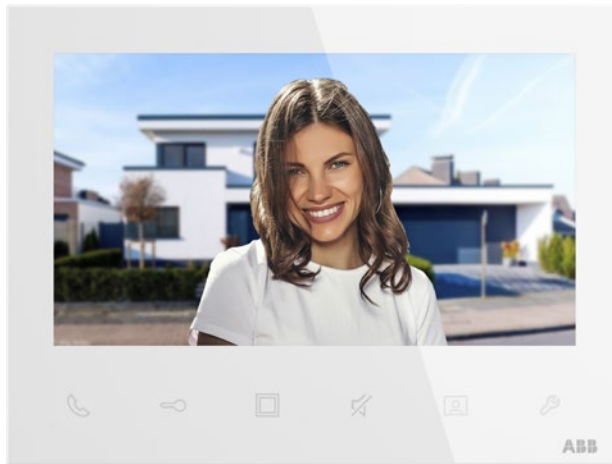
## Full control of what happens in front of your door

The Video Indoor Station 7" is the latest addition to the ABB-Welcome door communication world. With its impressive 7" design, white color, and simplicity of use, it is the perfect choice for modern homes. Thanks to the intuitive design, all functionalities are only a fingertip away, with additional programmable buttons enabling flexible customization to cover all your needs. ABB's Video Indoor Station 7" provides the best level of security for your network and data while protecting your home and your family's well-being.



### Simple and intuitive

- User-friendly design
- Intuitive and simple to commission
- Easy to configure with a commissioning wizard



01



### Modern Design

- Modern and clean design
- Large 7" Display, good resolution
- Intuitive graphical user Interface
- 5 additional programmable buttons for flexible customization of functionalities, e.g. manage garage door

02

**Features**

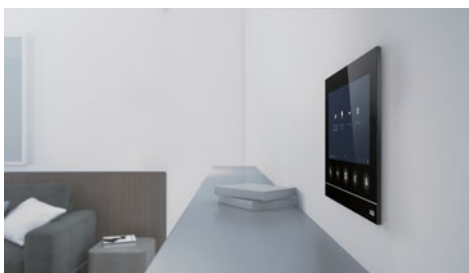
- Intuitive graphical user interface with wider viewing angles and a good resolution
- Intuitive button layout with separate “call” & “unlock” button to avoid mis-operation on the small size panel. With separate mechanical “setting” button, easy to touch
- Up to 5 intercom connections possible, easy accessible with one touch
- Up to 5 free programmable buttons available (e.g. garage door)
- Up to 40 Video Indoor Station 7" with one System controller connectable, no need for additional power supply



# ABB-Welcome Video Indoor Station 7" Touch

## Smarter design, smarter life

Video Indoor Station 7" Touch is a member of the ABB-Welcome indoor world. It has a totally new, elegant design and is available in both white and black. The Video Indoor Station 7" Touch is easy to use and install, and is the best choice for daily life.



- **The thin and frameless design** The unique design reduces the encumbrance to only 7.8 mm after flush mount installation that allows perfect compatibility with any environment.
- **Easy to communicate** Leave messages for visitors and family members and never miss a record video and audio messages from visitors.



- **Multi camera surveillance and video door call function** You can use a surveillance button to connect with outdoor stations or external cameras at any time. You can see the images from the default outdoor station or external cameras. Also, you can activate the camera when pressing the doorbell button. All these functions now combine into one system.



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02



- **Installation without limitation** One panel can be used in surface-mounted, surface-mounted and desktop installation with different box that suits any living environment to perfection.

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03

# ABB-Welcome video indoor station 4.3"

## Customize to fit your needs

Simple and elegant, the 4.3-inch hands-free indoor station is perfect for any living environment.

- 01 Flush mounted
- 02 Surface mounted
- 03 Desktop



01



02



03

- Intercom functions
- Up to 50 images can be saved (resolution of 480 x 272 pixels)
- 4.3-inch display with six capacitive touch buttons



White



Silver



Black



Golden



Blue



Induction Loop

The ABB-Welcome 4.3-inch video indoor station allows users to select frames with five different colors to blend with any environment.



ABB-Welcome is designed with a beautiful modern style, and an elegant look. It is more than just a robust door entry system; ABB-Welcome also helps you to create an atmosphere of comfort, harmony and style in your home.



#### Communication

For receiving and ending calls.



#### Door opener

Open the electric door lock.



#### Snapshot

For instantly taking a photo of visitors at the front door during communication.



#### Mute function

Switch off the microphone of the indoor station during a conversation, and prevent the visitor at the front door from listening in. It can also be used to switch off the bell. The bell switches back on automatically after 10 hours.



#### Programmable button

For customized function, e.g. intercom, second lock control, relay actuator control for light switch or additional lock, etc.



#### Settings

For individually configuring the device.

# ABB-Welcome audio indoor station

## Ease in communication

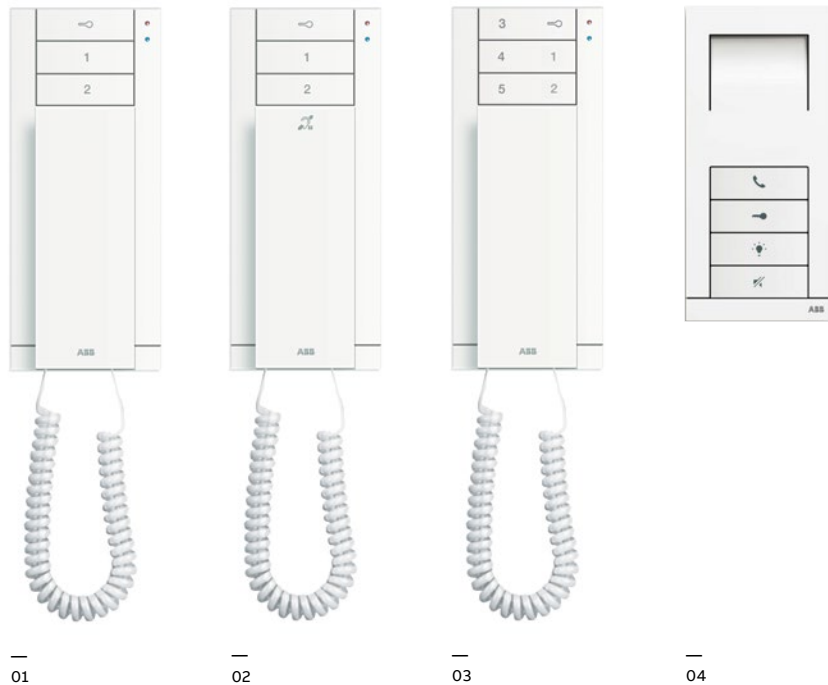
ABB-Welcome represents ease in communication, whether it is within your home, or to the outside world. The large buttons, intuitive design, and indicating LEDs ensure an effortless experience. Other functions can include automatic unlock, door status check, and second door unlock.

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01 ABB-Welcome audio indoor station, handset, three buttons

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02 ABB-Welcome audio indoor station, handset with induction loop (for hearing aids)

—  
03 ABB-Welcome audio indoor station, handset, six buttons

—  
04 ABB-Welcome audio indoor station, hands-free



### ABB-Welcome audio indoor stations

- Large function buttons
- Additional buttons for customization – such as intercom, call guard unit, unlock additional door, etc.
- Surface mounted





# ABB-Welcome system device

## Easy remote access



- Multi-cameras monitoring
- Intercom between home to home & room to room via app
- Two lock control
- Notification function

### ABB-Welcome IP gateway

The ABB-Welcome IP gateway enables the integration of smart devices, allowing accessing your home camera interface, and controlling doors and lighting via ABB-Welcome App.



The IP gateway, the ABB portal and the ABB-Welcome app enable secure remote control using the Internet. This makes it possible to identify and greet your visitors and guests not only from the sofa or the terrace, but also from a remote location. It additionally supports home to home and room to room intercom. With the support of multi-camera connection, you can improve the surveillance of your home. No special settings need to be made on the Internet router for this connection. The devices are linked in the ABB portal.



- Your telephone becomes the indoor station
- For all types of home networks and mobile devices
- Simple configuration

### Telephone gateway

The ABB-Welcome telephone gateway allows users to control doors remotely and communicate with outdoor stations via mobile or landline telephones.



Communicative. The ABB-Welcome telephone gateway links an ABB-Welcome system with any standard telephone system.

# ABB-Welcome system device

## On duty around the clock

Feel safe knowing that nothing can invade the peace and quiet of your home . With our extensive range of safety measures, you can protect your family’s well-being. “Home sweet home” is also “Home safe home”.

- 01 Mini dome camera analogue
- 02 Dome camera analogue, lens manually adjustable
- 03 Standard camera analogue, lens manually adjustable



01



02



03

- Higher security
- Hider detection angle



- Supports up to 4 analog cameras for one device.
- Supports camera connection to the existing video/audio outdoor station.
- Supports transfer of image from guard unit to the indoor station.





### **Interact with the guard units**

Calling, using the intercom, or sending an emergency message to the security station is easy with the ABB-Welcome door entry system.

It is also possible to let the guard unit screen visitor's calls first before taking a call. (Available to all residents or just selected VIPs).







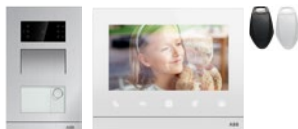
# ABB-Welcome

## Family home kits



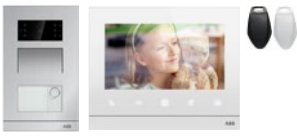






## ABB-Welcome

### Family home kits

Set	Description	Without induction loop	With induction loop
<b>Video kit</b>	<p><b>Video kit Video Indoor Station 7 - single-family house (Surface-mounted)</b></p> <ul style="list-style-type: none"> <li>- Video Indoor Station with 7" non-Touch Display and additional 6 quick access touch Buttons. The ideal entry-level solution for the video door intercom system. Supports up to 5 Intercom and 5 universal switch functions through simple quick access button. Supports simple &amp; fast Surface mounting installation with an intuitive user interface</li> <li>- Mini video outdoor station, 1 pushbutton, with ID card reader, flush-mounted</li> <li>- Video Indoor Station 7</li> <li>- Mini system controller</li> <li>- Proximity key fob, ID card, white</li> <li>- Proximity key fob, ID card, black</li> </ul>	<p><b>M20491</b></p> 	
<b>Video kit</b>	<p><b>Video kit Video Indoor Station 7 - single-family house (Flush-mounted)</b></p> <ul style="list-style-type: none"> <li>- Video Indoor Station with 7" non-Touch Display and additional 6 quick access touch Buttons. The ideal entry-level solution for the video door intercom system. Supports up to 5 Intercom and 5 universal switch functions through simple quick access button. Supports simple &amp; fast Surface mounting installation with an intuitive user interface</li> <li>- Mini video outdoor station, 1 pushbutton, with ID card reader, flush-mounted</li> <li>- Video Indoor Station 7</li> <li>- Mini system controller</li> <li>- Proximity key fob, ID card, white</li> <li>- Proximity key fob, ID card, black</li> </ul>	<p><b>M20492</b></p> 	
<b>Video kit</b>	<p><b>Mini OS kit</b></p> <ul style="list-style-type: none"> <li>- Mini video outdoor station, 1 push button, aluminum surface-mounted installation</li> <li>- Basic 4.3" video hands-free indoor station</li> <li>- Mini system controller</li> </ul>	<p><b>M20361</b></p> 	
<b>Video kit</b>	<p><b>Mini OS kit, with ID function</b></p> <ul style="list-style-type: none"> <li>- Mini video outdoor station, 1 push button, with ID card reader, aluminum surface-mounted installation</li> <li>- Basic 4.3" video hands-free indoor station, with induction loop</li> <li>- Mini system controller</li> <li>- Proximity key fob, ID card, white</li> <li>- Proximity key fob, ID card, black</li> <li>- ID sticker</li> </ul>		<p><b>M20363</b></p> 
<b>Video kit</b>	<p><b>Video 1 family kit</b></p> <ul style="list-style-type: none"> <li>- Mini video outdoor station, 1 push button, with ID card reader, surface-mounted installation</li> <li>- Video Indoor Station 7"</li> <li>- Mini system controller</li> <li>- Proximity key fob, ID card, white</li> <li>- Proximity key fob, ID card, black</li> </ul>	<p><b>M20421</b></p> 	

## ABB-Welcome






### Family home kits

Set	Description	Without induction loop	With induction loop
Video kit	<b>Video 1 family kit</b> – Mini video outdoor station, 1 push button, with ID card reader, flush-mounted installation – Pre-installation box – Video Indoor Station 7" – Mini system controller – Proximity key fob, ID card, white – Proximity key fob, ID card, black	<b>M20422</b> 	
Video kit	<b>Video single-family home WiFi kit</b> – Mini video outdoor station, 1 push button, with ID card reader, surface-mounted installation – Mini system controller – Video indoor station 4.3, WiFi, white – Proximity key fob, ID card, white – Proximity key fob, ID card, black	<b>M20481</b> 	
Video kit	<b>Video single-family home WiFi kit</b> – Mini video outdoor station, 1 push button, with ID card reader, flush-mounted installation – Pre-installation box – Mini system controller – Video indoor station 4.3, WiFi, white – Proximity key fob, ID card, white – Proximity key fob, ID card, black	<b>M20482</b> 	
Video kit	<b>Video 2 family kit</b> – Mini video outdoor station, 2 push buttons, aluminum surface-mounted installation – 2 x Basic 4.3" video hands-free indoor station, white – Mini system controller	<b>M20362</b> 	
Video kit	<b>Video 2 family kit</b> – Mini video outdoor station, 2 push buttons, with ID card reader, aluminum surface-mounted installation – 2 x Basic 4.3" video hands-free indoor station, with induction loop, white – Mini system controller – Proximity key fob, ID card, white – Proximity key fob, ID card, black – ID sticker		<b>M20364</b> 
Video kit	<b>Video 1 family kit</b> – Mini video outdoor station, 1 push button, aluminum surface-mounted installation – 4.3" Colour video handset indoor station, white – Mini system controller	<b>M20371</b> 	
Video kit	<b>Video 1 family kit</b> – Mini video outdoor station, 1 push button, aluminum surface-mounted installation – 4.3" video hands-free indoor station – Mini system controller	<b>M20381</b> 	



## ABB-Welcome

### Family home kits

Set	Description	Without induction loop	With induction loop
<b>Video kit</b>	<b>Audio single-family home kit</b> – Audio outdoor station, 1 button, aluminum – Flush mounted box, size 1/1 – Mini system controller – Audio handset indoor station, 3 buttons, white	<b>M20021</b> 	
<b>Video kit</b>	<b>Video single-family home kit</b> – Video outdoor station, 1 button, aluminum – Flush mounted box, size 1/2 – Mini system controller – 4.3" color video handset indoor station, white	<b>M20441</b> 	
<b>Video kit</b>	<b>Video single-family home kit</b> – Video outdoor station, 1 button, aluminum – Flush mounted box, size 1/2 – Mini system controller – 4.3" video hands-free indoor station, white	<b>M20451</b> 	
<b>Video kit</b>	<b>Video single-family home kit</b> – Video outdoor station, 1 button, aluminum – Flush-mounted box, size 1/2 – Mini system controller – 7" video hands-free indoor station, white	<b>M20461</b> 	
<b>Video kit</b>	<b>Video single-family home WiFi kit</b> – Video outdoor station, 1 button, aluminum – Flush-mounted box, size 1/2 – Mini system controller – Video indoor station 4.3, WiFi, white	<b>M20471</b> 	

## ABB-Welcome

### Outdoor stations



#### Outdoor station, aluminium

##### Mini outdoor station, one button/two buttons

- Compact size, surface mounted and flush mounted optional
- 1 button and 2 buttons optional, built-in ID card reader
- Clean design with integrated status display
- Light switch or calling guard programmable for the 2nd button
- Up to 2 locks connections
- Dustproof and waterproof as IP54, and vandal proof as IK07
- Product dimensions  
 Mini video outdoor station (99 mm width, SM): 168 x 99 x 26 mm  
 Mini video outdoor station (105 mm width, FM): 180 x 105 x 43 mm  
 Pre-installation box: 174 x 98 x 45 mm

Article No.	Order No.	Description	Pack Qty
M21312P1-A		Mini video outdoor station (99 mm width, SM), 1 push button, with ID card reader, with surface-mounted box	1/16
M21312P2-A		Mini video outdoor station (99 mm width, SM), 2 push buttons, with ID card reader, with surface-mounted box	1/16
M21311P1-A		Mini video outdoor station (99 mm width, SM), 1 push button, with surface-mounted box	1/16
M21311P2-A		Mini video outdoor station (99 mm width, SM), 2 push buttons, with surface-mounted box	1/16
M21362P1-A		Mini video outdoor station (105 mm width, FM), 1 push button, with ID card reader with flush-mounted box	1/19
M21362P2-A		Mini video outdoor station (105 mm width, FM), 2 push buttons, with ID card reader with flush-mounted box	1/19
41361F		Pre-installation box	1/19
41311RH		Rain hood for mini OS (SM, FM)	1/24

## ABB-Welcome

### Outdoor stations



#### Video outdoor station with keypad

<b>Description</b>	Video outdoor station with A/V module, display module & keypad module	
<b>Features</b>	<ul style="list-style-type: none"> <li>- LED indicator for real-time status: all established/system busy, communication possible and door unlocked.</li> <li>- Built-in infrared lighting ensures clear picture and comfortable to eyes at night and hidden surveillance from video indoor station.</li> <li>- Anti-fog design with built-in heater ensures clear image even in wet conditions.</li> <li>- One lock can be directly connected without independent power supply for the lock.</li> <li>- Additional terminal for second lock is available.</li> <li>- Easy to set default lock by one dip-switch</li> <li>- Lock release time and speaker volume are adjustable.</li> <li>- Integrated optic sensor for day/night mode.</li> <li>- Enable/disable outdoor station's acoustic feedback when pressing button</li> <li>- Support local power supply (20–30 V DC)</li> <li>- Support to release the default lock by pressing local exit button</li> <li>- Support to establish the call by enter room number or by searching name through display</li> <li>- Support to open the door by swiping ID or IC/DESFire card on display module</li> <li>- Support to open the door by entering correct password through keypad module</li> <li>- Wiegand output available, support 26 bits (default) and 34 bits</li> <li>- Surface mounting and flush mounting is optional</li> </ul>	
<b>Technical details</b>	<ul style="list-style-type: none"> <li>- Dimensions: 349 x 135 x 29 mm</li> <li>- Input (a, b): 20–30 V DC</li> <li>- Operating current: 24 V DC, 380 mA</li> <li>- Standby current: 24 V DC, 240 mA</li> <li>- Operating temperature: -40 °C ... +55 °C</li> <li>- Image sensor: CMOS sensor 1/3.2"</li> <li>- Effective pixels: 1297 (H) x 977 (V)</li> <li>- Resolution: 550 TV lines</li> <li>- Detection angle: H 100°, V 70°, D 130°</li> <li>- Camera Standard: PAL/NTSC</li> <li>- Power supply for door opener (LOCK - GND): 18 V DC, 4 A impulse, max. 250 mA holding</li> <li>- Floating output for door opener (COM - NC - NO): 30 V AC/DC, 1 A</li> <li>- Wiegand output: 26 bits (default) and 34 bits</li> <li>- Dustproof and waterproof: IP54</li> <li>- Vandal proof: IK07</li> <li>- Single-wire/fine-wire clamps: 2 x 0.28 mm<sup>2</sup> ... 2 x 0.75 mm<sup>2</sup></li> </ul>	
<b>Version</b>	Aluminum, with IC card	Aluminum, with ID card
<b>Article no.</b>	M21382K-A	M21381K-A
<b>Order no.</b>	2TMA210010A0053	2TMA210010A0051



#### Standalone keypad module

<b>Description</b>	Standalone keypad module connects to ABB-Welcome door communication by 2-wire cable	
<b>Features</b>	<ul style="list-style-type: none"> <li>- Enables the opening of the door using a numerical code.</li> <li>- 1,800 passwords can be taught in.</li> <li>- Enables control switch actuator with lights connected.</li> <li>- Standalone operation together with system controller (power supply) and switch actuator (security connection for the electrical door opener or light).</li> <li>- Programming directly on the module.</li> <li>- Mounting tool is enclosed.</li> <li>- Surface mounting and flush mounting is optional</li> </ul>	
<b>Technical details</b>	<ul style="list-style-type: none"> <li>- Dimensions: 139 x 135 x 29 mm</li> <li>- Rating current: 24 V DC, 25 mA</li> <li>- Operating temperature: -40 °C ... +55 °C</li> <li>- Dustproof and waterproof: IP54</li> <li>- Vandal proof: IK07</li> <li>- Single-wire/fine-wire clamps: 2 x 0.28 mm<sup>2</sup> ... 2 x 0.75 mm<sup>2</sup></li> </ul>	
<b>Version</b>	Stainless steel	
<b>Article no.</b>	M2700KP-S	
<b>Order no.</b>	2TMA200160X0005	

## ABB-Welcome

### Outdoor stations



#### Standalone transponder module

<b>Description</b>	Standalone transponder module connects to ABB-Welcome door communication by 2-wire cable
<b>Features</b>	<ul style="list-style-type: none"> <li>- Enables the opening of the door using IC/DES Fire card.</li> <li>- 1,800 users can be taught in.</li> <li>- Programming directly on the module or using PC management software (requires 2-wire adaptor M2308).</li> <li>- Standalone operation together with system controller (power supply) and switch actuator (security connection for the electrical door opener).</li> <li>- Mounting tool is enclosed.</li> <li>- Surface mounting and flush mounting is optional</li> </ul>
<b>Technical details</b>	<ul style="list-style-type: none"> <li>- Dimensions: 139 x 135 x 29 mm</li> <li>- Rating current: 24 V DC, 30 mA</li> <li>- Operating temperature: -40 °C ... +55 °C</li> <li>- Dustproof and waterproof: IP54</li> <li>- Vandal proof: IK07</li> <li>- Single-wire/fine-wire clamps: 2 x 0.28 mm<sup>2</sup> ... 2 x 0.75 mm<sup>2</sup></li> </ul>
<b>Version</b>	Stainless steel
<b>Article no.</b>	M2700TP-S
<b>Order no.</b>	2TMA200010X0001



#### Standalone fingerprint module

<b>Description</b>	Standalone fingerprint module connects to ABB-Welcome door communication by 2-wire cable
<b>Features</b>	<ul style="list-style-type: none"> <li>- Enables the opening of the door using a fingerprint scanner.</li> <li>- 64 users can be taught in.</li> <li>- Programming directly on the module or using PC management software (requires 2-wire adaptor M2308).</li> <li>- Standalone operation together with system controller (power supply) and switch actuator (security connection for the electrical door opener).</li> <li>- Mounting tool is enclosed.</li> <li>- Surface mounting and flush mounting is optional</li> </ul>
<b>Technical details</b>	<ul style="list-style-type: none"> <li>- Dimensions: 139 x 135 x 29 mm</li> <li>- Rating current: 24 V DC, 60 mA</li> <li>- Operating temperature: -40 °C ... +55 °C</li> <li>- Dustproof and waterproof: IP54</li> <li>- Vandal proof: IK07</li> <li>- Single-wire/fine-wire clamps: 2 x 0.28 mm<sup>2</sup> ... 2 x 0.75 mm<sup>2</sup></li> </ul>
<b>Version</b>	Stainless steel
<b>Article no.</b>	M2700FP-S
<b>Order no.</b>	2TMA200160X0007



## ABB-Welcome

### Outdoor station modules



#### Audio/video module

<b>Description</b>	Audio/video module is the heart of video outdoor station	
<b>Features</b>	<ul style="list-style-type: none"> <li>- LED indicator for real-time status: all established/system busy, communication possible and door unlocked.</li> <li>- Built-in infrared lighting ensures clear picture and comfortable to eyes at night and hidden surveillance from video indoor station.</li> <li>- Anti-fog design with built-in heater ensures clear image even in wet conditions.</li> <li>- One lock can be directly connected without independent power supply for the lock.</li> <li>- Additional terminal for second lock is available.</li> <li>- Easy to set default lock by one dip-switch</li> <li>- Lock release time and speaker volume are adjustable.</li> <li>- Integrated optic sensor for day/night mode.</li> <li>- Enable/disable outdoor station's acoustic feedback when pressing button</li> <li>- Manage the working mode and functionality of push button outdoor station</li> <li>- Support local power supply (20–30 V DC)</li> <li>- Support to release the default lock by pressing local exit button</li> <li>- Induction loop functionality is possible on Article M251382M when assembling with stainless steel frame.</li> </ul>	
<b>Technical details</b>	<ul style="list-style-type: none"> <li>- Dimensions: 143 x 71 x 28 mm</li> <li>- Input (a, b): 20–30 V DC</li> <li>- Operating current: 24 V DC, 200 mA</li> <li>- Standby current: 24 V DC, 60 mA</li> <li>- Operating temperature: -40 °C ... +55 °C</li> <li>- Image sensor: CMOS sensor 1/3.2"</li> <li>- Effective pixels: 1297 (H) x 977 (V)</li> <li>- Resolution: 550 TV lines</li> <li>- Detection angle: H 100°, V 70°, D 130°</li> <li>- Camera Standard: PAL/NTSC</li> <li>- Power supply for door opener (LOCK - GND): 18 V DC, 4 A impulse, max. 250 mA holding</li> <li>- Floating output for door opener (COM - NC - NO): 30 V AC/DC, 1 A</li> <li>- Single-wire/fine-wire clamps: 2 x 0.28 mm<sup>2</sup> ... 2 x 0.75 mm<sup>2</sup></li> </ul>	<ul style="list-style-type: none"> <li>- Dimensions: 143 x 71 x 28 mm</li> <li>- Input (a, b): 20–30 V DC</li> <li>- Operating current: 24 V DC, 230 mA</li> <li>- Standby current: 24 V DC, 60 mA</li> <li>- Operating temperature: -40 °C ... +55 °C</li> <li>- Image sensor: CMOS sensor 1/3.2"</li> <li>- Effective pixels: 1297 (H) x 977 (V)</li> <li>- Resolution: 550 TV lines</li> <li>- Detection angle: H 100°, V 70°, D 130°</li> <li>- Camera Standard: PAL/NTSC</li> <li>- Power supply for door opener (LOCK - GND): 18 V DC, 4 A impulse, max. 250 mA holding</li> <li>- Floating output for door opener (COM - NC - NO): 30 V AC/DC, 1 A</li> <li>- Single-wire/fine-wire clamps: 2 x 0.28 mm<sup>2</sup> ... 2 x 0.75 mm<sup>2</sup></li> </ul>
<b>Version</b>	Standard	with speech synthesis, T-loop
<b>Article no.</b>	M251381M	M251382M
<b>Order no.</b>	2TMA200160N0043	2TMA200160N0044



#### Audio module

<b>Description</b>	Audio module is compulsory for audio outdoor station composition.	
<b>Features</b>	<ul style="list-style-type: none"> <li>- 3 LED indicators for operation status indications: call established/system busy, communication possible and door unlocked.</li> <li>- One lock can be directly connected without independent power supply for the lock.</li> <li>- Lock release time is adjustable.</li> <li>- Integrated optic sensor for day/night mode.</li> <li>- Enable/disable outdoor station's acoustic feedback when pressing button</li> <li>- Manage the working mode and functionality of push button outdoor station</li> </ul>	
<b>Technical details</b>	<ul style="list-style-type: none"> <li>- Dimensions: 97 x 71 x 28 mm</li> <li>- Input (a, b): 20–30 V DC</li> <li>- Operating current: 24 V DC, 120 mA</li> <li>- Standby current: 24 V DC, 8 mA</li> <li>- Operating temperature: -40 °C ... +55 °C</li> <li>- Power supply for door opener (LOCK - GND): 18 V DC, 4 A impulse, max. 250 mA holding</li> <li>- Support to release the lock by pressing local exit button</li> <li>- Single-wire/fine-wire clamps: 2 x 0.28 mm<sup>2</sup> ... 2 x 0.75 mm<sup>2</sup></li> </ul>	
<b>Version</b>	Aluminum	
<b>Article no.</b>	M251381A-A	
<b>Order no.</b>	2TMA200160A0001	

## ABB-Welcome

### Outdoor station modules



#### Camera module

- Video color camera with large detection angle (H 86°, V 67°, D 104°) and manually mechanical adjustment (H ± 15°, V ± 15°), built-in infrared lighting ensures clear picture and comfortable to eyes at night and hidden surveillance from video indoor station.
- Anti-fog design with built-in heater ensures clear image even in wet conditions.
- Optional to connect one additional analog camera for surveillance inside the video indoor station.
- Product dimensions: 72 x 97 x 41 mm.

Article No.	Order No.	Description	Pack Qty
M251021C		Camera module	1/12/12



(Only for Aluminum)

#### Audio module, no button

- Audio module is compulsory for any audio or video outdoor station composition.
- 3 LED indicators for operation status indications: call established/system busy, communication possible and door unlocked.
- One lock can be directly connected without independent power supply for the lock.
- Additional terminal for second lock is available.
- Lock release time and speaker volume are adjustable.
- No button.
- Integrated optic sensor for day/night mode.
- Product dimensions: 72 x 97 x 38 mm.

Article No.	Order No.	Description	Pack Qty
M251021A-A		Audio module, aluminum	1/12/12



(Only for Aluminum)

#### Audio module, 1-row push button for 1/2 calls

- Audio module is compulsory for any audio or video outdoor station composition.
- 3 LED indicators for operation status indications: call established/system busy, communication possible and door unlocked.
- One lock can be directly connected without independent power supply for the lock.
- Additional terminal for second lock is available.
- Lock release time and speaker volume are adjustable.
- 1-row button.
- Different mode setting is possible such as 1 call or 2 calls in one row, call guard or switching light for the first or second button.
- Integrated optic sensor for day/night mode.
- Product dimension: 72 x 97 x 38 mm.

Article No.	Order No.	Description	Pack Qty
M251022A-A		Audio module, 1 row push button, aluminum	1/12/12

## ABB-Welcome

### Outdoor station modules



(Only for Aluminum)

#### Audio module, 2-row push button for 2/4 calls

- Audio module is compulsory for any audio or video outdoor station composition.
- 3 LED indicators for operation status indications: call established/system busy, communication possible and door unlocked.
- One lock can be directly connected without independent power supply for the lock.
- Additional terminal for second lock is available.
- Lock release time and speaker volume are adjustable.
- 2-row button.
- Different mode setting is possible such as 1 call or 2 calls in one row, call guard or switching light for the first or second button.
- Integrated optic sensor for day/night mode.
- Product dimensions: 72 x 97 x 38 mm.

Article No.	Order No.	Description	Pack Qty
M251023A-A		Audio module, 2 rows push buttons, aluminum	1/12/12



#### Round push button

<b>Description</b>	1/2/3 push button for visitor to press for calling		
<b>Features</b>	<ul style="list-style-type: none"> <li>- Pushbutton could be programmed as you want (switch on lighting, call indoor station or guard unit)</li> <li>- Bright back-lit ensures clear nameplate at night time</li> <li>- Opening of the door by DESFire or NFC or IC card</li> </ul>		
<b>Technical details</b>	<ul style="list-style-type: none"> <li>- Dimensions: 97 x 72 x 25 mm</li> <li>- Rating current: 24 V DC, 10 mA</li> <li>- Operating temperature: -40 °C ... +55 °C</li> </ul> <p>For NFC version</p> <ul style="list-style-type: none"> <li>- Rating current: 24 V DC, 40 mA</li> </ul>		
<b>Version</b>	1	2	3
<b>Article no.</b>	51381RP1	51381RP2	51381RP3
<b>Order no.</b>	2TMA130160N0003	2TMA130160N0004	2TMA130160N0005
<b>Version</b>	with NFC/IC -1	with NFC/IC -2	with NFC/IC -3
<b>Article no.</b>	51382RP1	51382RP2	51382RP3
<b>Order no.</b>	2TMA130160N0006	2TMA130160N0007	2TMA130160N0008



#### Bar push button

<b>Description</b>	3/6 or 4/8 push button for visitor to press for calling	
<b>Features</b>	<ul style="list-style-type: none"> <li>- Pushbutton could be programmed as one column or double columns</li> <li>- Bright back-lit ensures clear nameplate at night time</li> </ul>	
<b>Technical details</b>	<ul style="list-style-type: none"> <li>- Dimensions: 97 x 72 x 25 mm</li> <li>- Rating current: 24 V DC, 8 mA</li> <li>- Operating temperature: -40 °C ... +55 °C</li> </ul>	
<b>Version</b>	3 (Bar button)	4 (Bar button)
<b>Article no.</b>	51381SP3	51381SP4
<b>Order no.</b>	2TMA130160N0001	2TMA130160N0002

## ABB-Welcome

### Outdoor station modules



#### Keypad with 1abc input

<b>Description</b>	Digital inputting module for keypad outdoor station		
<b>Features</b>	<ul style="list-style-type: none"> <li>- Enables the opening of the door using a numerical code</li> <li>- 3,000 passwords can be taught in</li> <li>- Customized passwords are allowed</li> <li>- Backlight automatically on for visibility at night</li> <li>- Call guard unit is available</li> </ul>		
<b>Technical details</b>	<ul style="list-style-type: none"> <li>- Dimensions: 97 x 72 x 25 mm</li> <li>- Rating current: 24 V DC, 20 mA</li> <li>- Operating temperature: -40 °C ... +55 °C</li> </ul>		
<b>Version</b>	Stainless steel	White	Aluminum
<b>Article no.</b>	51381K-S	51381K-W	51381K-A
<b>Order no.</b>	2TMA130160X0001	2TMA130010W0014	2TMA210160A0009



#### Display

<b>Description</b>	Display module ensure the customized message, code, and legible number always can be readed.		
<b>Features</b>	<ul style="list-style-type: none"> <li>- Physical address/logical address calling type</li> <li>- Opening of the door by DESFire or NFC or IC card.</li> <li>- Wiegand output available</li> <li>- Up to 5,000 pcs cards can be registered</li> </ul>		
<b>Technical details</b>	<ul style="list-style-type: none"> <li>- Dimensions: 97 x 72 x 25 mm</li> <li>- Rating current: 24 V DC, 160 mA</li> <li>- Operating temperature: -40 °C ... +55 °C</li> </ul>		
<b>Version</b>	IC/DES fire card	ID Card	
<b>Article no.</b>	51382CR	51381CR	
<b>Order no.</b>	2TMA130160N0009	2TMA130160N0010	



#### Camera module

- For the integration into letter boxes and bell systems of different manufacturers.
- The cutout must be created by the manufacturer.
- Extended audio module assembly with video function.
- Video camera with automatic day/night switchover and infrared LEDs to illuminate the night shots.
- Installed heating to keep the lens free of condensation.
- Vertical/horizontal detection angle: 86°/67°.
- Setting angle horizontal/vertical: +/-15°, mechanically adjustable.
- Product dimensions: 62 mm x 98 mm x 35 mm.

Article No.	Order No.	Description	Pack Qty
83501-101-500-01		Camera module	1/12/12



#### Audio integration unit

- For the integration into letter boxes and bell systems of different manufacturers.
- Makes audio communication possible.
- Built-in relay for operating the door opener.
- 8 inputs for connecting the doorbell push-switches.
- Adjustable volume.
- With interface for the connection of built-in keypad extensions.
- With interface for the connection of the camera module.
- Product dimensions: 68 mm x 126 mm x 31 mm.

Article No.	Order No.	Description	Pack Qty
83110-500-01		Audio integration unit	1/10/8



## ABB-Welcome

### Outdoor station modules



#### Extension unit

- Extends the built-in audio module assembly by a further 12 binary inputs.
- For the integration into letter boxes and bell systems of different manufacturers.
- With interface for the connection of additional built-in keypad extensions.
- The built-in audio module can be extended to a maximum of 99 inputs for doorbell push-switches with the aid of the built-in keypad extension.
- Product dimensions: 68 mm x 50 mm x 24 mm.

Article No.	Order No.	Description	Pack Qty
83111-500-01		Extension unit	1/10/8



#### Info module

<b>Description</b>	Info module is used to hold the address of the building or the resident directory and assembled in outdoor station		
<b>Features</b>	- Stamped labelling foil is enclosed. - Backlight ensures clear visibility at night		
<b>Technical details</b>	- Dimensions: 97 x 72 x 25 mm - Rating current: 24 V DC, 8 mA - Operating temperature: -40 °C ... +55 °C		
<b>Version</b>			
<b>Article no.</b>	51381DN	51021DN	
<b>Order no.</b>	2TMA200160N0039	2TMA070150N0041	



#### Dummy module

<b>Description</b>	Dummy module is one blank module, support to put 3rd-party module inside, also support to future function module replacement		
<b>Features</b>	- Maximum space inside: 54.5 x 9.4 x 74 mm		
<b>Technical details</b>	- Dimensions: 97 x 72 x 25 mm		
<b>Version</b>			
<b>Article no.</b>	51381DM		
<b>Order no.</b>	2TMA200160N0040		



#### Fingerprint module

Available time: Q2,2020

<b>Description</b>	Fingerprint module is one access control module of video/audio outdoor station		
<b>Features</b>	- Enables the opening of the door using a fingerprint scanner - 64 users can be taught in - For installing into an ABB-Welcome video/audio outdoor station - Programming directly on the module or using PC management software (requires 2-wire adaptor M2308)		
<b>Technical details</b>	- Dimensions: 97 x 72 x 28 mm - Rating current: 24 V DC, 40 mA - Operating temperature: -40 °C ... +55 °C		
<b>Version</b>	Stainless steel	Aluminum	White
<b>Article no.</b>	51381FP-S	51381FP-A	51381FP-W
<b>Order no.</b>	2TMA200160X0003	2TMA200160A0025	2TMA200160W0004

## ABB-Welcome

### Indoor stations



#### Video Indoor Station 7

<b>Description</b>	Video Indoor Station with 7" non-Touch Display and additional 6 quick access touch Buttons. The ideal entry-level solution for the video door intercom system. Supports up to 5 Intercom and 5 universal switch functions through simple quick access button. Supports simple & fast Surface mounting installation with an intuitive user interface.	
<b>Features</b>	<ul style="list-style-type: none"> <li>- Display of the video image of the outdoor station. During the conversation a picture of the visitor can be taken and stored in the picture memory.</li> <li>- Quick access touch buttons for door opener, mute, virtual buttons and video surveillance</li> <li>- Easy access for up to 5 virtual Intercom entries</li> <li>- Easy access for up to 5 programmable switch functions</li> <li>- Supporting Camera-Interface to connect external Cameras</li> </ul>	
<b>Technical details</b>	<ul style="list-style-type: none"> <li>- 7" non-Touch Display</li> <li>- Display resolution: 1024x600 px</li> <li>- Surface-mounted installation (Metal bracket included)</li> <li>- Dimensions:               <ul style="list-style-type: none"> <li>Height: 138 mm</li> <li>Width: 184 mm</li> <li>Depth: 19 mm</li> </ul> </li> </ul>	
<b>Version</b>	White	With induction loop-White
<b>Article no.</b>	M22411-W	M22413-W (T-loop Variant)
<b>Order no.</b>	2TMA210051W0001	2TMA210051W0002 (T-loop Variant)

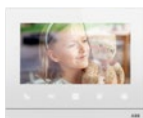


#### Video Indoor Station 4.3, WiFi

<b>Description</b>	New 2-wire video indoor station with integrated WiFi to connect mobile APP without additional system devices. Minimalistic & intuitive user interface makes the operation simply enough. 6 touch buttons are easy for operation and one side button to adjust volume, ringtone, brightness and others. You can also accept the call, open the door lock, make a surveillance, and firmware updating and additional activations from the Welcome APP.	
<b>Features</b>	<ul style="list-style-type: none"> <li>- Intuitive GUI on 4.3" IPS screen (resolution: 480 x 272) .</li> <li>- Intuitive button layout, separate "call" &amp; "unlock" button, to avoid mis-operation on small size panel.</li> <li>- Slim thickness with 18 mm.</li> <li>- Surface-mounted installation with one metal bracket.</li> <li>- Network/WiFi connection &amp; parameters of panel can be configured through Welcome APP following wizard design.</li> <li>- APP pairing process is easy enough to scan QR code for first mobile devices, and click "pair" button for additional mobile devices with same MyBuildings account login.</li> <li>- Up to 8 mobile devices can be paired with one panel through same MyBuildings account.</li> <li>- Cyber security and data privacy.</li> <li>- Remote firmware update through Welcome APP.</li> </ul>	
<b>Technical details</b>		
<b>Version</b>	Video indoor station 4.3, WiFi	Video indoor station 4.3, WiFi, T-loop
<b>Article no.</b>	M22401-W	M22403-W
<b>Order no.</b>	2TMA220050W0022	2TMA220050W0024

# ABB-Welcome

## Indoor stations



### Video Indoor Station 7" Touch

<b>Description</b>	The 7" panel is the new member of ABB-Welcome indoor world. It has touch screen with glass surface material. 7.8 mm thickness after flush mounted makes this new panel more fashion than ever. It can be surface-mounted, flush-mounted, desktop installation to fit all your needs. The new panel has 5 keys to control main video door entry functions: accept the call, door release, programmable button, mute, surveillance. In-build LED shows the missed call, auto-unlock status, and mute status.		
<b>Features</b>	<ul style="list-style-type: none"> <li>- Display and record the video image from outdoor station or external cameras.</li> <li>- Different bell sounds are adjustable for door and floor ringing.</li> <li>- Five different bell sounds are available and also you can play your favorite ringtone from SD card</li> <li>- Leave message to family members or visitors when out of home.</li> <li>- "Doctor" function for automatic unlock.</li> <li>- Internal call to other users living in the apartment or neighbors.</li> </ul>		
<b>Technical details</b>	<ul style="list-style-type: none"> <li>- Display feature: 7" capacitive touchscreen.</li> <li>- Display resolution: 1024 x 600.</li> <li>- Installation: surface-mounted, flush-mounted and desktop installation.</li> <li>- Bus voltage: 20-30 V DC .</li> <li>- Standby current: 15 mA@24 V DC.</li> <li>- Operating current: 300 mA@24 V DC.</li> <li>- Operating temperature: -10 °C – +55 °C; 14 °F – 131 °F.</li> <li>- Single-wire clamps: 2 x 0.28 mm<sup>2</sup> ... 2 x 0.75 mm<sup>2</sup>.</li> <li>- Product dimensions: 198.5 x 162.3 x 17 mm.</li> </ul>		
<b>Version</b>	Video Indoor Station 7" Touch, white	Video Indoor Station 7" Touch, black	
<b>Article no.</b>	M22381-W	M22381-B	
<b>Order no.</b>			



### 4.3" video hands-free indoor station

<b>Features</b>	<ul style="list-style-type: none"> <li>- 4.3" color display with on screen display.</li> <li>- 6 touch film buttons for communication unlocking, mute, programmable button (can be set as intercom, call guard unit, etc.), surveillance and setting.</li> <li>- 2 photos of the visitor will be automatically stored in the picture memory for door calls during resident's absence.</li> <li>- Holds up-to 50 photos.</li> <li>- Call transfer among different apartments and guard unit is available.</li> <li>- Doctor function for automatic unlock.</li> <li>- 5 ringtones for different call sources, i.e. from default outdoor station, secondary outdoor station, doorbell, intercom or guard unit.</li> <li>- Broadcast by simply holding and pressing the communication button.</li> <li>- Surface mounting, flush mounting (flush-mounted box 42311F is needed) and desktop mounting (desktop bracket 42311D is needed), and cavity wall set (51021CS needed).</li> <li>- The detailed user manual can be downloaded through scanning the QR code on the screen.</li> </ul>		
<b>Technical details</b>	- Product dimensions: 137 x 155 x 24 mm.		
<b>Version</b>	4.3" video hands-free indoor station, white	4.3" video hands-free indoor station, black	4.3" hands-free video indoor station, induction loop, white
<b>Article no.</b>	M22311-W	M22311-B	M22313-W
<b>Order no.</b>			

## ABB-Welcome Indoor stations



### 4.3" video handset indoor station, color display

<b>Features</b>	<ul style="list-style-type: none"> <li>- Slim indoor station with handset (depth of 45 inches).</li> <li>- 4.3" color display with on screen display.</li> <li>- 6 touch film buttons for communication, unlocking, mute, programmable button (can be set as intercom, call guard unit, etc.), surveillance and setting.</li> <li>- 2 photos of the visitor will be automatically stored in memory for door calls during resident's absence.</li> <li>- Holds up to 25 photos.</li> <li>- Call transfer among different apartments and guard unit is available.</li> <li>- Doctor function for automatic unlock.</li> <li>- 5 ringtones for different call sources, i.e. from default outdoor station, secondary outdoor station, door bell, intercom or guard unit.</li> <li>- Surface mounting and desktop mounting (desktop bracket 42311D is needed).</li> <li>- The detailed user manual can be downloaded through scanning the QR code on the screen.</li> </ul>	
<b>Technical details</b>	- Product dimensions: 144 x 198 x 45 mm.	
<b>Version</b>	4.3" handset color video indoor station, white	4.3" handset color video indoor station with induction loop, white
<b>Article no.</b>	M22302-W	M22303-W
<b>Order no.</b>		



### Basic 4.3" video hands-free indoor station

<b>Features</b>	<ul style="list-style-type: none"> <li>- 4.3" color display with on screen display.</li> <li>- 6 touch film buttons for communication, unlocking, mute, programmable button (can be set as intercom, call guard unit, etc.), surveillance and setting.</li> <li>- Doctor function for automatic unlock.</li> <li>- 5 ringtones for different call sources, i.e. from default outdoor station, secondary outdoor station, doorbell, intercom or guard unit. The ringtone can be fixed or cycled.</li> <li>- The detailed user manual can be downloaded through scanning the QR code on the screen.</li> <li>- Surface mounting and desktop mounting (desktop bracket 42311D is needed).</li> </ul>	
<b>Technical details</b>	- Product dimensions: 154 x 134 x 23 mm.	
<b>Version</b>	Basic 4.3" video hands-free indoor station, white	
<b>Article no.</b>	M22341-W	
<b>Order no.</b>		



### Basic 4.3" video hands-free indoor station with induction loop

<b>Features</b>	<ul style="list-style-type: none"> <li>- Electromagnetic signals will be emitted by a special inductive loop for auditory indication of any incoming calls. Functionable for users with hearing aids.</li> <li>- 4.3" color display with on screen display.</li> <li>- 6 touch film buttons for communication, unlocking, mute, programmable button (can be set as intercom, call guard unit, etc.), surveillance and setting.</li> <li>- 2 photos of the visitor will be automatically stored in memory for door calls during resident's absence.</li> <li>- Holds up to 50 photos.</li> <li>- Doctor function for automatic unlock.</li> <li>- 5 ringtones for different call sources, i.e. from default outdoor station, secondary outdoor station, doorbell, intercom or guard unit. The ringtone can be fixed or cycled.</li> <li>- The detailed user manual can be downloaded through scanning the QR code on the screen.</li> <li>- Surface mounting and desktop mounting (desktop bracket 42311D is needed).</li> </ul>	
<b>Technical details</b>	- Product dimensions: 154 x 134 x 23 mm.	
<b>Version</b>	Basic 4.3" video hands-free indoor station, with induction loop, white	
<b>Article no.</b>	M22343-W	
<b>Order no.</b>		



**ABB-Welcome**  
Indoor stations



**Audio handset indoor station, 3 buttons**

- Features**
- 1 easy push button for unlock, and additional buttons for self setting functions, e.g. intercom, door status check, second lock release or even calling the security guard, etc.
  - Max-mid-mute volume adjuster on the side.
  - 2 LEDs to indicate different working status.
  - 5 ringtones for different call sources, i.e. from default outdoor station, secondary outdoor station, door bell, intercom or guard unit.
  - The activating or deactivating of automatic unlock can be made by simply pressing the unlock button for 10 seconds.
  - Surface mounted.

**Technical details** - Product dimensions: 198 x 81 x 43 mm.

<b>Version</b>	Audio handset indoor station, 3 buttons, white	Audio handset indoor station, 3 buttons with induction loop, white	Audio handset indoor station, 6 buttons, white
<b>Article no.</b>	M22002-W	M22003-W	M22001-W
<b>Order no.</b>			



**Audio hands-free indoor station, 4 buttons**

- Features**
- Light button can be customized as room-to-room intercom, call guard unit.
  - Different bell tones for door-call and floor-call.
  - Choice of five different bell sounds.
  - Simple surface-mounting.
  - The ringtone can be fixed or cycled .
  - Floor-call function, a connected button functions as a floor-call button: all indoor stations with the same address trigger a floor call.

**Technical details** - Dimensions: 175 x 81 x 22 mm.

<b>Version</b>	Audio handsfree, white	Audio handsfree, black	Audio handsfree, silver
<b>Article no.</b>	83210 AP-624-500-01	83210 AP-681-500-01	83210 AP-683-500-01
<b>Order no.</b>			

## ABB-Welcome

### Installation material



#### Flush-mounted box, 1 module, size 1/1

<b>Description</b>	Mounting of outdoor station into the wall	
<b>Features</b>	<ul style="list-style-type: none"> <li>- The flush mounting box is fitted with knock down holes for cabling from left, right, bottom or back.</li> <li>- The product is packed with accessories to ensure qualified installation.</li> </ul>	
<b>Technical details</b>	- Dimensions: 137 x 133 x 52 mm	
<b>Version</b>	Anthracite	Grey
<b>Article no.</b>	41381F-B	41381F-H
<b>Order no.</b>	2TMA130160B0001	2TMA130160H0001



#### Flush-mounted box, 2 modules, size 1/2

<b>Description</b>	Mounting of outdoor station into the wall	
<b>Features</b>	<ul style="list-style-type: none"> <li>- The flush mounting box is fitted with knock down holes for cabling from left, right, bottom or back.</li> <li>- The product is packed with accessories to ensure qualified installation.</li> </ul>	
<b>Technical details</b>	- Dimensions: 203 x 133 x 52 mm	
<b>Version</b>	Anthracite	Grey
<b>Article no.</b>	41382F-B	41382F-H
<b>Order no.</b>	2TMA130160B0002	2TMA130160H0002



#### Flush-mounted box, 3 modules, size 1/3

<b>Description</b>	Mounting of outdoor station into the wall	
<b>Features</b>	<ul style="list-style-type: none"> <li>- The flush mounting box is fitted with knock down holes for cabling from left, right, bottom or back.</li> <li>- The product is packed with accessories to ensure qualified installation.</li> </ul>	
<b>Technical details</b>	- Dimensions: 275 x 133 x 52 mm	
<b>Version</b>	Anthracite	Grey
<b>Article no.</b>	41383F-B	41383F-H
<b>Order no.</b>	2TMA130160B0003	2TMA130160H0003



#### Flush-mounted box, 4 modules, size 1/4

<b>Description</b>	Mounting of outdoor station into the wall	
<b>Features</b>	<ul style="list-style-type: none"> <li>- The flush mounting box is fitted with knock down holes for cabling from left, right, bottom or back.</li> <li>- The product is packed with accessories to ensure qualified installation.</li> </ul>	
<b>Technical details</b>	- Dimensions: 347 x 133 x 52 mm	
<b>Version</b>	Anthracite	Grey
<b>Article no.</b>	41384F-B	41384F-H
<b>Order no.</b>	2TMA130160B0004	2TMA130160H0004



#### Flush-mounted box, 5 modules, size 1/5

<b>Description</b>	Mounting of outdoor station into the wall	
<b>Features</b>	<ul style="list-style-type: none"> <li>- The flush mounting box is fitted with knock down holes for cabling from left, right, bottom or back.</li> <li>- The product is packed with accessories to ensure qualified installation.</li> </ul>	
<b>Technical details</b>	- Dimensions: 419 x 133 x 52 mm	
<b>Version</b>	Anthracite	Grey
<b>Article no.</b>	41385F-B	41385F-H
<b>Order no.</b>	2TMA130160B0005	2TMA130160H0005

## ABB-Welcome

### Installation material



#### Flush-mounted box, 6 modules, size 2/3

<b>Description</b>	Mounting of outdoor station into the wall	
<b>Features</b>	<ul style="list-style-type: none"> <li>- The flush mounting box is fitted with knock down holes for cabling from left, right, bottom or back.</li> <li>- The product is packed with accessories to ensure qualified installation.</li> </ul>	
<b>Technical details</b>	- Dimensions: 275 x 233 x 52 mm	
<b>Version</b>	Anthracite	Grey
<b>Article no.</b>	41386F-B	41386F-H
<b>Order no.</b>	2TMA130160B0006	2TMA130160H0006



#### Surface-mounted box, 1 module, size 1/1

<b>Description</b>	Mounting of outdoor station on the wall	
<b>Features</b>	<ul style="list-style-type: none"> <li>- For surface-mounted installation of outdoor station.</li> <li>- The product is packed with accessories to ensure qualified installation.</li> </ul>	
<b>Technical details</b>	- Dimensions: 137 x 133 x 32 mm	
<b>Version</b>	Anthracite	Grey
<b>Article no.</b>	41381S-B	41381S-H
<b>Order no.</b>	2TMA130160B0009	2TMA130160H0009



#### Surface-mounted box, 2 modules, size 1/2

<b>Description</b>	Mounting of outdoor station on the wall	
<b>Features</b>	<ul style="list-style-type: none"> <li>- For surface-mounted installation of outdoor station.</li> <li>- The product is packed with accessories to ensure qualified installation.</li> </ul>	
<b>Technical details</b>	- Dimensions: 203 x 133 x 32 mm	
<b>Version</b>	Anthracite	Grey
<b>Article no.</b>	41382S-B	41382S-H
<b>Order no.</b>	2TMA130160B0010	2TMA130160H0010



#### Surface-mounted box, 3 modules, size 1/3

<b>Description</b>	Mounting of outdoor station on the wall	
<b>Features</b>	<ul style="list-style-type: none"> <li>- For surface-mounted installation of outdoor station.</li> <li>- The product is packed with accessories to ensure qualified installation.</li> </ul>	
<b>Technical details</b>	- Dimensions: 275 x 133 x 32 mm	
<b>Version</b>	Anthracite	Grey
<b>Article no.</b>	41383S-B	41383S-H
<b>Order no.</b>	2TMA130160B0011	2TMA130160H0011



#### Surface-mounted box, 4 modules, size 1/4

<b>Description</b>	Mounting of outdoor station on the wall	
<b>Features</b>	<ul style="list-style-type: none"> <li>- For surface-mounted installation of outdoor station.</li> <li>- The product is packed with accessories to ensure qualified installation.</li> </ul>	
<b>Technical details</b>	- Dimensions: 347 x 133 x 52 mm	
<b>Version</b>	Anthracite	Grey
<b>Article no.</b>	41384S-B	41384S-H
<b>Order no.</b>	2TMA130160B0012	2TMA130160H0012

## ABB-Welcome

### Installation material



#### Surface-mounted box, 5 modules, size 1/5

<b>Description</b>	Mounting of outdoor station on the wall	
<b>Features</b>	- For surface-mounted installation of outdoor station. - The product is packed with accessories to ensure qualified installation.	
<b>Technical details</b>	- Dimensions: 419 x 133 x 32 mm	
<b>Version</b>	Anthracite	Grey
<b>Article no.</b>	41385S-B	41385S-H
<b>Order no.</b>	2TMA130160B0013	2TMA130160H0013



#### Surface-mounted box, 6 modules, size 2/3

<b>Description</b>	Mounting of outdoor station on the wall	
<b>Features</b>	- For surface-mounted installation of outdoor station. - The product is packed with accessories to ensure qualified installation.	
<b>Technical details</b>	- Dimensions: 275 x 233 x 32 mm	
<b>Version</b>	Anthracite	Grey
<b>Article no.</b>	41386S-B	41386S-H
<b>Order no.</b>	2TMA130160B0014	2TMA130160H0014



#### Pre-installation box, 1 module, size 1/1

<b>Description</b>	Serves for the mounting of outdoor station into the wall for higher stability.	
<b>Features</b>	- For surface-mounted installation of outdoor station. - The product is packed with accessories to ensure qualified installation.	
<b>Technical details</b>	- Dimensions: 133 x 124 x 65 mm	
<b>Version</b>	Anthracite	
<b>Article no.</b>	41381PB	
<b>Order no.</b>	2TMA130160B0017	



#### Pre-installation box, 2 modules, size 1/2

<b>Description</b>	Serves for the mounting of outdoor station into the wall for higher stability.	
<b>Features</b>	- For surface-mounted installation of outdoor station. - The product is packed with accessories to ensure qualified installation.	
<b>Technical details</b>	- Dimensions: 199 x 124 x 65 mm	
<b>Version</b>	Anthracite	
<b>Article no.</b>	41382PB	
<b>Order no.</b>	2TMA130160B0018	



#### Pre-installation box, 3 modules, size 1/3

<b>Description</b>	Serves for the mounting of outdoor station into the wall for higher stability.	
<b>Features</b>	- For surface-mounted installation of outdoor station. - The product is packed with accessories to ensure qualified installation.	
<b>Technical details</b>	- Dimensions: 271 x 124 x 65 mm	
<b>Version</b>	Anthracite	
<b>Article no.</b>	41383PB	
<b>Order no.</b>	2TMA130160B0019	

## ABB-Welcome

### Installation material



#### Pre-installation box, 4 modules, size 1/4

<b>Description</b>	Serves for the mounting of outdoor station into the wall for higher stability.
<b>Features</b>	- For surface-mounted installation of outdoor station. - The product is packed with accessories to ensure qualified installation.
<b>Technical details</b>	- Dimensions: 347 x 124 x 65 mm
<b>Version</b>	Anthracite
<b>Article no.</b>	41384PB
<b>Order no.</b>	2TMA130160B0020



#### Pre-installation box, 5 modules, size 1/5

<b>Description</b>	Serves for the mounting of outdoor station into the wall for higher stability.
<b>Features</b>	- For surface-mounted installation of outdoor station. - The product is packed with accessories to ensure qualified installation.
<b>Technical details</b>	- Dimensions: 415 x 124 x 65 mm
<b>Version</b>	Anthracite
<b>Article no.</b>	41385PB
<b>Order no.</b>	2TMA130160B0021



#### Pre-installation box, 6 modules, size 2/3

<b>Description</b>	Serves for the mounting of outdoor station into the wall for higher stability.
<b>Features</b>	- For surface-mounted installation of outdoor station. - The product is packed with accessories to ensure qualified installation.
<b>Technical details</b>	- Dimensions: 271 x 224 x 65 mm
<b>Version</b>	Anthracite
<b>Article no.</b>	41386PB
<b>Order no.</b>	2TMA130160B0022



#### Flush-mounted box and Pre installation box

<b>Description</b>	Flush-mounted box and Pre installation box for 7 inch video indoor station
<b>Features</b>	- The flush mounting box is fitted with knock down holes for cabling from left, right, bottom or back. - The product is packed with accessories to ensure qualified installation.
<b>Technical details</b>	- Dimensions: 194 x 145 x 55 mm
<b>Version</b>	Anthracite
<b>Article no.</b>	42361F
<b>Order no.</b>	2TMA130160B0132



#### Surface mounted box for Video Indoor Station 7"

<b>Description</b>	Mounting of IP touch 7" panel on the wall	
<b>Features</b>	- For surface-mounted installation of Video Indoor Station 7". - The product is packed with accessories to ensure qualified installation.	
<b>Technical details</b>	- Dimensions: 193 x 157 x 13 mm	
<b>Version</b>	White	Black
<b>Article no.</b>	42381S-W	42381S-B
<b>Order no.</b>	2TMA220160W0002	2TMA220160B0001



## ABB-Welcome

### Installation material



#### Flush mounted box for 4.3" video hands-free indoor station

- Metal box for flush mounted 4.3" video hands-free indoor stations (M22311-W/M22311-B/M22313-W) .
- Product dimensions: 145 x 125 x 27 mm.

Article No.	Order No.	Description	Pack Qty
42311F		Metal flush mounted box	1/60



#### Rain hood, size 1/x, for OS surface mounting

<b>Description</b>	Rain hood for rust and water petection
<b>Features</b>	- The aluminum rain hood is designed to adapt surface mounting
<b>Technical details</b>	- Dimensions: 143 x 98 x 68 mm
<b>Article no.</b>	41383RH
<b>Order no.</b>	2TMA130160A0009



#### Rain hood, size 2/x, for OS surface mounting

<b>Description</b>	Rain hood for rust and water petection
<b>Features</b>	- The aluminum rain hood is designed to adapt surface mounting
<b>Technical details</b>	- Dimensions: 243 x 98 x 68 mm
<b>Article no.</b>	41384RH
<b>Order no.</b>	2TMA130160A0010



#### Rain hood, size 1/x, for OS flush mounting

<b>Description</b>	Rain hood for rust and water petection
<b>Features</b>	- The aluminum rain hood is designed to adapt flush mounting.
<b>Technical details</b>	- Dimensions: 143 x 98 x 83 mm
<b>Article no.</b>	41381RH
<b>Order no.</b>	2TMA130160A0001



#### Rain hood, size 2/x, for OS flush mounting

<b>Description</b>	Rain hood for rust and water petection
<b>Features</b>	- The aluminum rain hood is designed to adapt flush mounting.
<b>Technical details</b>	- Dimensions: 243 x 98 x 83 mm
<b>Article no.</b>	41382RH
<b>Order no.</b>	2TMA130160A0002



#### Rain hood, size 3/x, for OS flush mounting

<b>Description</b>	Rain hood for rust and water petection
<b>Features</b>	- The aluminum rain hood is designed to adapt flush mounting.
<b>Technical details</b>	- Dimensions: 416 x 98 x 83 mm
<b>Article no.</b>	41385RH
<b>Order no.</b>	2TMA130160A0017

## ABB-Welcome

### Installation material



#### Video outdoor station frame, size 1/3

<b>Description</b>	Installation materials that used for outdoor station		
<b>Features</b>	- The invisible screw design is aesthetically pleasing		
<b>Technical details</b>	- Dimensions: 277 x 135 x 18 mm		
<b>Version</b>	White	Stainless steel	Aluminum
<b>Article no.</b>	41383CF-W	41383CF-S	41383CF-A
<b>Order no.</b>	2TMA130160W0002	2TMA130160X0004	2TMA200160A0003



#### Video outdoor station frame, size 1/4

<b>Description</b>	Installation materials that used for outdoor station		
<b>Features</b>	- The invisible screw design is aesthetically pleasing		
<b>Technical details</b>	- Dimensions: 349 x 135 x 18 mm		
<b>Version</b>	White	Stainless steel	Aluminum
<b>Article no.</b>	41384CF-W	41384CF-S	41384CF-A
<b>Order no.</b>	2TMA130160W0003	2TMA130160X0005	2TMA200160A0005



#### Video outdoor station frame, size 1/5

<b>Description</b>	Installation materials that used for outdoor station		
<b>Features</b>	- The invisible screw design is aesthetically pleasing		
<b>Technical details</b>	- Dimensions: 420 x 135 x 18 mm		
<b>Version</b>	White	Stainless steel	Aluminum
<b>Article no.</b>	41385CF-W	41385CF-S	41385CF-A
<b>Order no.</b>	2TMA130160W0004	2TMA130160X0006	2TMA200160A0007



#### Video outdoor station frame, size 2/3

<b>Description</b>	Installation materials that used for outdoor station		
<b>Features</b>	- The invisible screw design is aesthetically pleasing		
<b>Technical details</b>	- Dimensions: 277 x 235 x 18 mm		
<b>Version</b>	Stainless steel	Aluminum	
<b>Article no.</b>	41386CF-S	41386CF-A	
<b>Order no.</b>	2TMA130160X0007	2TMA200160A0009	



#### Audio outdoor station frame, size 1/1

<b>Description</b>	Installation materials that used for outdoor station		
<b>Features</b>	- The invisible screw design is aesthetically pleasing		
<b>Technical details</b>	- Dimensions: 119 x 135 x 20 mm		
<b>Version</b>	Aluminum		
<b>Article no.</b>	41391CF-A		
<b>Order no.</b>	2TMA220160A0003		



#### Audio outdoor station frame, size 1/2

<b>Description</b>	Installation materials that used for outdoor station		
<b>Features</b>	- The invisible screw design is aesthetically pleasing		
<b>Technical details</b>	- Dimensions: 205 x 135 x 20 mm		
<b>Version</b>	Aluminum		
<b>Article no.</b>	41392CF-A		
<b>Order no.</b>	2TMA200160A0011		

## ABB-Welcome

### Installation material



#### Audio outdoor station frame (extended panel), size 1/3

<b>Description</b>	Installation materials that used for outdoor station	
<b>Features</b>	<ul style="list-style-type: none"> <li>- The invisible screw design is aesthetically pleasing</li> <li>- It is possible to combine with other size 1/3 frame to extend multi-column frame installation to support more modules</li> </ul>	
<b>Technical details</b>	- Dimensions: 277 x 135 x 20 mm	
<b>Version</b>	Stainless steel	Aluminum
<b>Article no.</b>	41393CF-S	41393CF-A
<b>Order no.</b>	2TMA130160X0060	2TMA200160A0013



#### Audio outdoor station frame (extended panel), size 1/4

<b>Description</b>	Installation materials that used for outdoor station	
<b>Features</b>	<ul style="list-style-type: none"> <li>- The invisible screw design is aesthetically pleasing</li> <li>- It is possible to combine with other size 1/4 frame to extend multi-column frame installation to support more modules</li> </ul>	
<b>Technical details</b>	- Dimensions: 349 x 135 x 20 mm	
<b>Version</b>	Stainless steel	Aluminum
<b>Article no.</b>	41394CF-S	41394CF-A
<b>Order no.</b>	2TMA130160X0064	2TMA200160A0015



#### Audio outdoor station frame, size 1/5

<b>Description</b>	Installation materials that used for outdoor station	
<b>Features</b>	<ul style="list-style-type: none"> <li>- The invisible screw design is aesthetically pleasing</li> <li>- It is possible to combine with other size 1/5 frame to extend multi-column frame installation to support more modules</li> </ul>	
<b>Technical details</b>	- Dimensions: 421 x 135 x 20 mm	
<b>Version</b>	Aluminum	
<b>Article no.</b>	41395CF-A	
<b>Order no.</b>	2TMA200160A0017	



#### Audio outdoor station frame, size 2/3

<b>Description</b>	Installation materials that used for outdoor station	
<b>Features</b>	- The invisible screw design is aesthetically pleasing	
<b>Technical details</b>	- Dimensions: 277 x 235 x 20 mm	
<b>Version</b>	Aluminum	
<b>Article no.</b>	41396CF-A	
<b>Order no.</b>	2TMA200160A0019	

**ABB-Welcome**  
Accessories



**Labelling sheet, A4**

- Quality labelling sheet for nameplate.
- Easy to be printed and cut.
- Waterproof.
- Size 2/5, 210 x 297 mm.

Article No.	Order No.	Description	Pack Qty
51021L		Labelling sheet for nameplate, A4	
51022L		Labelling sheet for 1/3 height, A4	
51023L		Labelling sheet for 1/4 height, A4	
51024L		Labelling sheet for round push button module, A4	



**ID card**

- 125 KHz.
- ISO18000-2.

Article No.	Order No.	Description	Pack Qty
51021F-L		Proximity key fob, ID card	
51021B		Proximity badge, ID card	



**IC card**

- 13.56 MHz.
- ISO14443A.

Article No.	Order No.	Description	Pack Qty
51022F-Y		Proximity key fob, IC card, yellow	
51022F-R		Proximity key fob, IC card, red	
51022F-L		Proximity key fob, IC card, blue	



**Proximity key fob**

- Product dimensions: 201 x 131 x 70 mm.

Article No.	Order No.	Description	Pack Qty
51023F-W		Proximity key fob, ID card, white	
51023F-B		Proximity key fob, ID card, black	
51024F-W		Proximity key fob, IC card, white	
51024F-B		Proximity key fob, IC card, black	



**Sticker**

- Product dimensions: 25 x 25x 0.6 mm.

Article No.	Order No.	Description	Pack Qty
51021S		ID sticker	
51022S		IC sticker	

## ABB-Welcome Accessories



### Proximity badge, IC card

- Product dimensions: 40 x 31 x 5 mm.

Article No.	Order No.	Description	Pack Qty
83173-500-01		Proximity badge, IC card	



### Cushion set for surface-mounted installation

<b>Description</b>	Spare part for surface mounting when the installation cable lay on the wall		
<b>Features</b>	- Easy to installation		
<b>Technical details</b>	Dimensions: 15 x 10 x 5 mm		
<b>Version</b>			
<b>Article no.</b>	52311C		
<b>Order no.</b>	2TMA210160W0001		



### Joining fixture

<b>Description</b>	Joining fixture used when more than one flush mounted box needs to be connected together.		
<b>Features</b>	- Easy to integrate mounting boxes together		
<b>Technical details</b>	Dimensions: 83 x 120 x 80 mm		
<b>Version</b>			
<b>Article no.</b>	51381J		
<b>Order no.</b>	2TMA130160B0124		



### Mounting tool

<b>Description</b>	The mounting tool use to dismount the outdoor station.		
<b>Features</b>	- Easy to installation and removal end strip		
<b>Technical details</b>	Dimensions: 165 x 26 x 4 mm		
<b>Version</b>	135 mm panel		
<b>Article no.</b>	51381MT		
<b>Order no.</b>	2TMA130160B0025		



### Label holder for round push button module

- Label holder for the round push button module, with stamped labelling.
- Contains one support frame and two extension support frames.

Article No.	Order No.	Description	Pack Qty
83161-500-01		Label holder for round push button	1/18



### Outdoor station End-strip

<b>Description</b>	End strip for outdoor station cover frame.		
<b>Features</b>	- Easy to install and replace		
<b>Technical details</b>	Dimensions: 135 x 19 x 16 mm		
<b>Version</b>	size 1/x, Stainless steel	size 1/x, White	size 1/x, Aluminum
<b>Article no.</b>	51381EP-S	51381EP-W	51381EP-A
<b>Order no.</b>	2TMA130160X0002	2TMA130160W0001	2TMA200160A0021
<b>Technical details</b>	Dimensions: 235 x 19 x 16 mm		
<b>Version</b>	size 2/x, Stainless steel	size 2/x, Aluminum	
<b>Article no.</b>	51382EP-S	51382EP-A	
<b>Order no.</b>	2TMA130160X0003	2TMA200160A0023	



## ABB-Welcome Accessories



### Accessories

#### Changeable front cover for 4.3" video hands-free indoor station

- 5 face covers in different colors are available, which are easily changeable for 4.3" video hands-free indoor station to meet personal aesthetic preference.

Article No.	Order No.	Description	Pack Qty
52311FC-W		Front cover for 4.3" video hands-free, white	1/36
52311FC-S		Front cover for 4.3" video hands-free, silver	1/36
52311FC-B		Front cover for 4.3" video hands-free, black	1/36
52311FC-G		Front cover for 4.3" video hands-free, golden	1/36
52311FC-L		Front cover for 4.3" video hands-free, light blue	1/36
52313FC-W		Front cover for 4.3" video hands-free with induction loop, white	1/36
52313FC-S		Front cover for 4.3" video hands-free with induction loop, silver	1/36
52313FC-B		Front cover for 4.3" video hands-free with induction loop, black	1/36
52313FC-G		Front cover for 4.3" video hands-free with induction loop, golden	1/36
52313FC-L		Front cover for 4.3" video hands-free with induction loop, light blue	1/36



#### Desktop bracket

- Full metal design with brushed finish base, suitable for 7" all touch, 4.3" hands-free Video Indoor Station, 4.3" handset Video Indoor Station and guard unit.
- Product dimensions: 125 x 107 x 134 mm.

Article No.	Order No.	Description	Pack Qty
42311D		Metal desktop bracket	1/12



#### Handset with induction loop

- Suitable for audio handset indoor station with induction loop and 4.3" video handset indoor station with induction loop.
- Product dimensions: 144 x 53 x 23 mm.

Article No.	Order No.	Description	Pack Qty
52303HS-W		Handset with induction loop (spare part)	1/9



#### Jumper

- Jumper set for audio/video handset indoor stations is used to set the address, master/slave indoor station and RC on/off of indoor stations.
- Product dimensions: 120 x 80 x 10 mm.

Article No.	Order No.	Description	Pack Qty
52001J		Jumper set for audio handset indoor station	1/10
52301J		Jumper set for 4.3" video handset indoor station	1/10



#### Cavity wall set

- For cavity wall mounting of the flush-mounted wall boxes.
- Product dimensions: 120 x 80 x 10 mm.

Article No.	Order No.	Description	Pack Qty
51021CS		Cavity wall set for outdoor station and 4.3" video handsfree	1/18

## ABB-Welcome

### System devices



#### System controller

- As the “brain” of the individual system, it manages the communication between the outdoor station and the indoor station.
- Two working modes: “all on” and “one on”.
- If in “all on” mode, and the apartment contains more than 1 video indoor station, all the screens in the apartment will be on while only one is on if in “one on” mode.
- It can also serve as auxiliary BUS power supply when connected to gateway in certain mode.
- 1 LED for normal working condition indication.
- Overheat, short-circuit and lightening protection.
- Product dimensions: 90 x 144 x 65 mm.

Article No.	Order No.	Description	Pack Qty
M2300		System controller, 1.2A output, MDRC 8U	1/10
M2300-101		System controller, 1.2A output, MDRC 8U, with lower consumption in “one on” mode	



#### Mini system controller

- As the “brain” of the individual system, it manages the communications between the outdoor station and the indoor station.
- Two working modes: “all on” and “one on”.
- If in “all on” mode, and the apartment contains more than 1 video indoor station, all the screens in the apartment will be on while only one is on if in “one on” mode.
- It can also serve as auxiliary BUS power supply when connected to gateway in certain mode.
- 1 LED for normal working condition indication.
- Overheat, short-circuit and lightening protection.
- Product dimensions: 90 x 72 x 65 mm.

Article No.	Order No.	Description	Pack Qty
M2301		Mini system controller, 0.65A output, MDRC 4U	1/10
M2301-101		Mini system controller, 0.65A output, MDRC 4U, with lower consumption in “one on” mode	



#### Gateway

- It offers 5 different modes which can be set by dip switch: apartment gateway, floor gateway, building gateway, auxiliary BUS power supply interface and line amplifier.
- Product dimensions: 90 x 72 x 65 mm.

Article No.	Order No.	Description	Pack Qty
M2302		Gateway, MDRC 4U	1/10



#### Video outdoor distributor

- Used for buildings with more than 1 outdoor station.
- 2-way inputs are connected to different outdoor stations.
- Product dimensions: 90 x 36 x 65 mm.

Article No.	Order No.	Description	Pack Qty
83325/2-500-01		Video outdoor distributor, MDRC 2U	1/20

## ABB-Welcome

### System devices



#### Guard unit

- 4.3" touch screen and 6 touch film buttons can ensure the communication with calls from outdoor station, indoor station or other guard unit (if any).
- It can be manually or automatically set into intercept mode to increase security level for all users or only certain individuals.
- Surveillance can be done through the camera of outdoor stations or integrated analog camera.
- Missed calls and alarm messages stored in the memory can be reviewed.
- It can be surface mounted on the wall or desktop mounted (desktop bracket 42311D is needed).
- Product dimensions: 144 x 198 x 45 mm.

Article No.	Order No.	Description	Pack Qty
M2303		Guard Unit	1/15



#### Video distributor

- This compact device supports 4-way outputs connected to different apartments or different high-rise buildings.
- Flush-mounted into box or surface mounted through the hole in the middle, or DIN rail mounted via DIN adaptor (Article no. 53001DR).
- Product dimensions: 45 x 45 x 26 mm.

Article No.	Order No.	Description	Pack Qty
M2304		Video distributor, FM	1/18



#### Switch actuator

- This compact device has 3 working modes: extend door bell, door opener and time relay.
- Local push button can be connected as control input.
- The switching duration of unlock or switching on lightings is adjustable.
- Flush-mounted or DIN rail mounted via DIN adaptor (Article no. 53001DR).
- Product dimensions: 51 x 51 x 29 mm.

Article No.	Order No.	Description	Pack Qty
M2305		Switch actuator, FM	1/18



#### BNC connector

- Used to connect the external camera to the camera interface or outdoor station's camera module.
- The connector accepts a BNC plug connection directly.
- Product dimensions: 42 x 15 x 14 mm.

Article No.	Order No.	Description	Pack Qty
55001BC		BNC connector	1/10

## ABB-Welcome

### System devices



#### Camera interface

- Supports up to 4 analog 3rd party cameras for one device.
- Supports camera connection to the existing video/audio outdoor station.
- Supports transfer of image from guard unit to the indoor station.
- Supports the camera for viewing the area of the floor (for example with the connection from indoor station to this interface, where it connects to the analog camera).
- Supports input and output of video signal of outdoor station to 3rd party VDR during the call, which can be viewed from the video indoor station).
- Supports installation in DIN, surface mounted.
- Product dimensions: 77 x 61 x 25 mm.

Article No.	Order No.	Description	Pack Qty
83327-500-01		4-way analog camera interface	1/18



#### DIN rail adaptor

- One DIN rail adaptor fit for all the flush mounted devices: video distributor, switch actuator, and camera interface.
- Adjustable and consistent looking cover can be taken out if needed.
- Product dimensions: 90 x 72 x 65 mm.

Article No.	Order No.	Description	Pack Qty
53001DR		DIN rail adaptor	1/10



#### IP Gateway & ABB-Welcome App

- The installation of the ABB-Welcome App enables to use smartphones and tablets (iOS and Android) as virtual video indoor station.
- Both WIFI and remote access under 3G/4G through internet service provider.
- IP Gateway acts as a PC interface to program the telephone gateway more efficiently.
- New features:
  - Enables the integration with ABB Comfort touch as indoor station.
  - Supports to monitor multi-cameras connected with camera interface.
  - Supports intercom calls, including home to home & room to room call by ABB-Welcome App.
  - Supports to communicate with guard unit by ABB-Welcome App.
  - Supports to control relay actuator, and one actuator can be activated during the call if necessary by ABB-Welcome App.
  - Supports to control two locks during the call by ABB-Welcome App.
  - Supports to make a SOS call if there is emergency by ABB-Welcome App .
- Notification function of App is always available: while App is open in the foreground, background or even closed totally.
- Product dimensions: 90 x 180 x 65 mm.

Article No.	Order No.	Description	Pack Qty
83342-500-01		IP Gateway, MDRC 10U	1/24



#### Telephone Gateway

- PSTN Telephone integrated as audio indoor station.
- Unlock the door, switch the light, communication can be done through normal telephone.
- Any mobile device can be set as extended indoor station.
- Efficient programming through PC by IP Gateway.
- Product dimensions: 90 x 72 x 65 mm.

Article No.	Order No.	Description	Pack Qty
83350-101-500-01		Telephone Gateway	1/10

## ABB-Welcome System devices



NEW

### Lift control module

- Enhance security to allow authorized visitor/resident to ONLY go to the designated floor while unauthorized visitor can not activate any floor button in the lift.
- Efficient programming through PC by dedicated commissioning software.
- Each module supports up to 16 floors, total up to 16 modules can be cascaded.  
Size of relay mode: 216 x 110 x 45 mm; size of M adaptor: 90 x 72 x 65 mm.

Article No.	Order No.	Description	Pack Qty
M2307		Lift control relay module	1/30
M2306		M adaptor (two functions: PC adaptor and lift control module)	1/10

### 2-wire adaptor

- supports to connect PC with management software into 2-wire DES system
- PC management software supports centralized management of user card no./user names/logic addresses, registration/deletion/change.
- Supports the building system without floor system
- PC management software records system logs, e.g. unlock log, SOS log.
- PC management software supports to configure lift control modules.
- 2-wire adaptor dimensions: 90 x 180 x 65 mm.

Article No.	Order No.	Description	Pack Qty
M2308		2-wire adaptor, MDRC 10U	1/24

### External camera



NEW

- Analogue camera solutions for the camera interface from the ABB-Welcome range.
- Three types are optional for different application, normal camera/dome camera/mini dome camera.
- Image Sensor: 1/3" 1.3MP SONY Exmor CMOS.
- Effective Pixels: 1305 (H) x 1049 (V).
- Resolution: 700TVL.
- Horizontal detection angle: 30°–90° (manually adjustable for video camera & dome camera); 75° (fixed for mini dome camera).
- S/N Ratio: ≥ 50 dB.
- Min. illumination (Day): 0.1 Lux @ F2.0.
- Min. illumination (Night): 0 Lux @ F2.0.
- Video signal: 1 x CVBS, 1Vpp, 75 Ohm (BNC).
- White Balance: AWB, 1800 K – 10800 K.
- Lens: 2.8–12 mm (manually adjustable for video camera & dome camera); 3.6 mm (fixed for mini dome camera).
- IR Range: 50 m (video camera), 40 m (dome camera), 30 m (mini dome camera).
- Input Voltage: DC 12 V +/- 10 %.
- Dustproof and waterproof as IP 66.
- Product dimensions:  
Video camera: 286 x 86 x 77 mm.  
Dome camera: 130 x 119 x 104 mm.  
Mini dome camera: 105 x 94 x 83 mm.

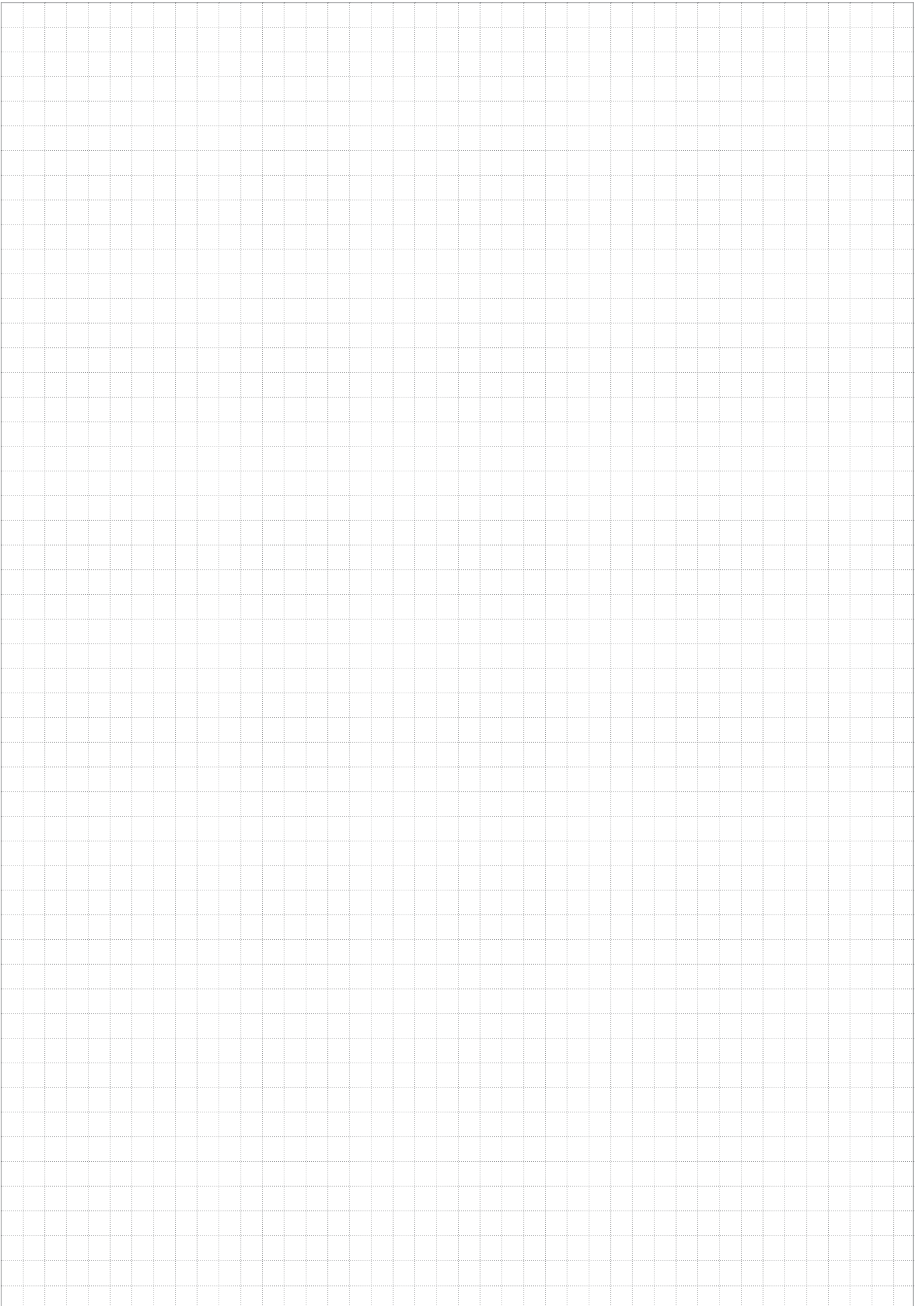
Article No.	Order No.	Description	Pack Qty
83550/1-500-01		Video camera	1/4
83550/2-500-01		Dome camera	1/12
83550/3-500-01		Mini dome camera	1/12

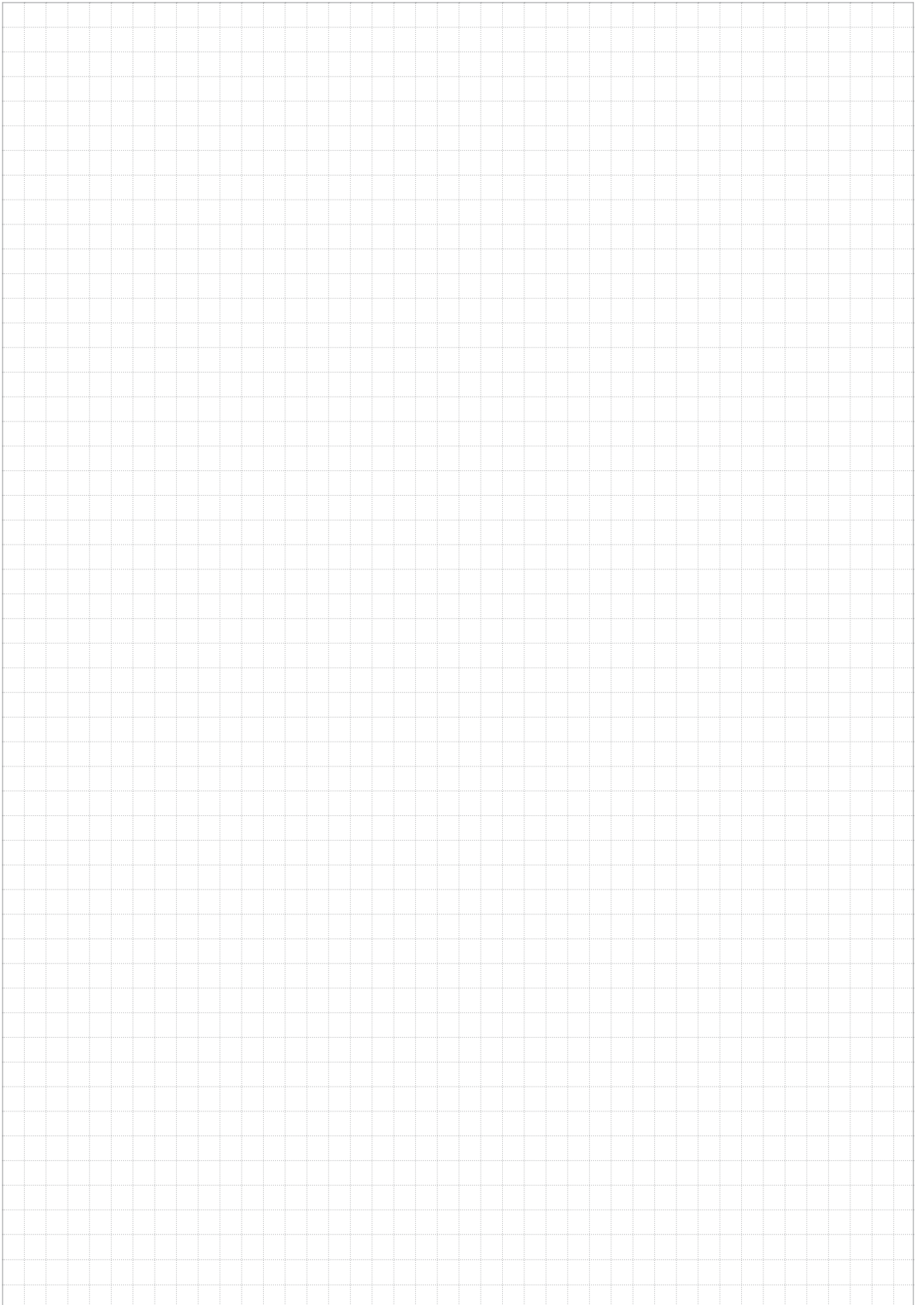




# Notes

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**ABB Xiamen Smart Technology Co., Ltd.**

4th Floor, No. 881, FangShanXiEr Road,  
Xiang'An Industrial Area, Torch Hi-Tech  
Industrial Development Zone, Xiamen  
361101  
China

**[www.abb.com](http://www.abb.com)**

