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.

Content

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
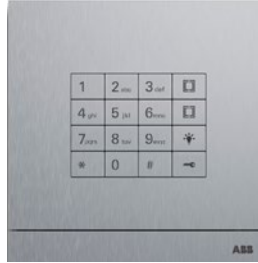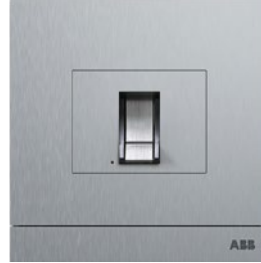outdoor station

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01

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- 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

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04 Standalone keypad module

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05 Standalone
fingerprint module

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06 Standalone
transponder module

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04

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05

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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,
1button with/without NFC/IC

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

—
03 ABB-Welcome push
button module,
3buttons 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

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Master module

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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.
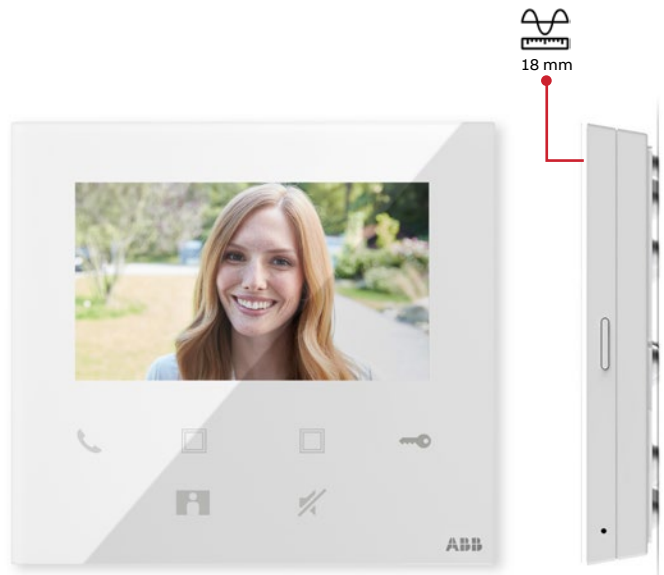
ABB-Welcome
video indoor station 4.3, WiFi
Your home is under control with WiFi panel

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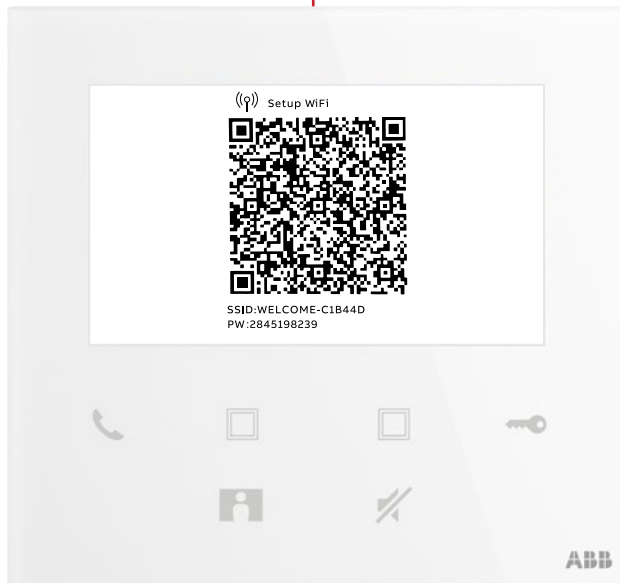
Design
- Thin and modern design, a perfect choice for your comfortable living space
- 4.3'' IPS screen with crystal-clear picture quality and wider viewing angles
- Intuitive button layout, so you will not miss any call or press the wrong button
- Additional programmable buttons enable flexible customization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

18 mm

Up to 8 mobile devices
can be paired with panel

Setup WiFi

SSID:WELCOME-C1B44D
PW:2845198239

ABB

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
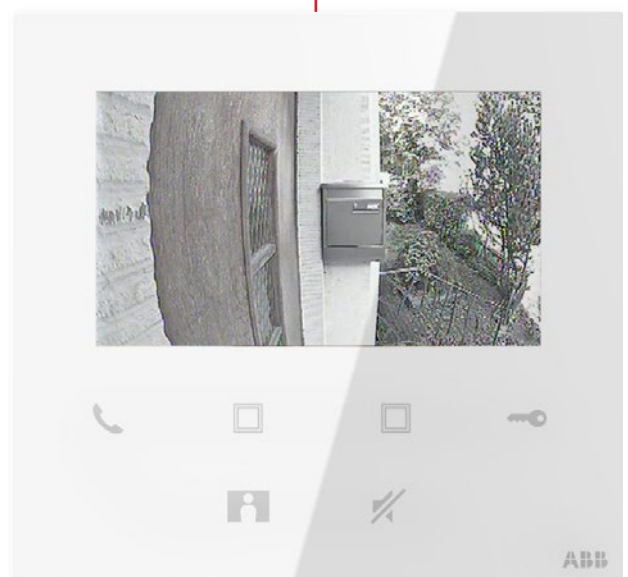
ABB-Welcome Video Indoor Station 7"
Full control of what happens in front of your door

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
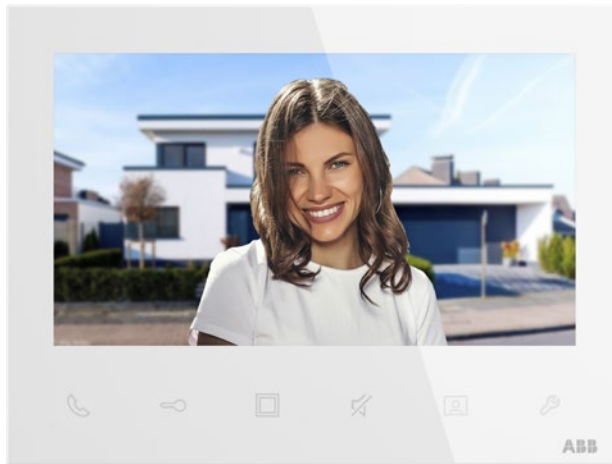
—
01

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

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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.

01
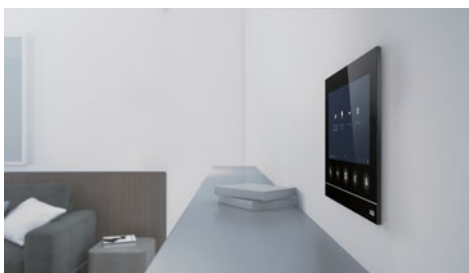
- **The thin and frameless design** The unique design reduces the encumbrance to only 7.8 mm after flush mount installation that allows perfect compatibility with any environment.
- **Easy to communicate** Leave messages for visitors and family members and never miss a record video and audio messages 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 environ-ment 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

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01

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02

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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.

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

—
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

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01

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02

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03

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04
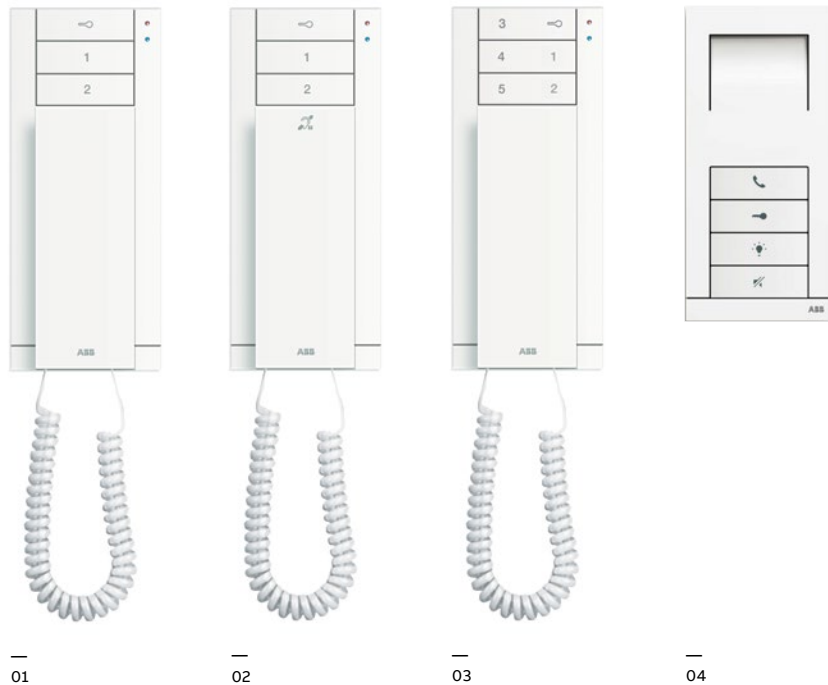
ABB-Welcome audio indoor stations
- Large function buttons
- Additional buttons for customization – such as intercom, call guard unit, unlock additional door, etc.
- Surface mounted

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

iOS

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

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01

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02

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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
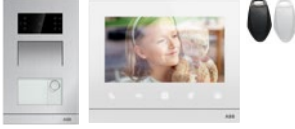
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ABB-Welcome
Family home kits

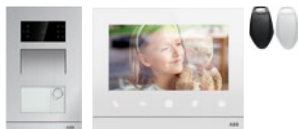| Set	Description	Without induction loop	With induction loop
Video kit	**Video kit Video Indoor Station 7 - single-family house (Surface-mounted)** – Video Indoor Station with 7" non-Touch Display and additional 6 quick access touch Buttons. The ideal entry-level solution for the video door intercom 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 – Mini video outdoor station, 1 pushbutton, with ID card reader, flush-mounted – Video Indoor Station 7 – Mini system controller – Proximity key fob, ID card, white – Proximity key fob, ID card, black	M20491	
Video kit	**Video kit Video Indoor Station 7 - single-family house (Flush-mounted)** – 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 – Mini video outdoor station, 1 pushbutton, with ID card reader, flush-mounted – Video Indoor Station 7 – Mini system controller – Proximity key fob, ID card, white – Proximity key fob, ID card, black	M20492	
Video kit	**Mini OS kit** – Mini video outdoor station, 1 push button, aluminum surface-mounted installation – Basic 4.3" video hands-free indoor station – Mini system controller	M20361	
Video kit	**Mini OS kit, with ID function** – Mini video outdoor station, 1 push button, with ID card reader, aluminum surface-mounted installation – Basic 4.3" video hands-free indoor station, with induction loop – Mini system controller – Proximity key fob, ID card, white – Proximity key fob, ID card, black – ID sticker		M20363
Video kit	**Video 1 family kit** – Mini video outdoor station, 1 push button, with ID card reader, surface-mounted installation – Video Indoor Station 7'' – Mini system controller – Proximity key fob, ID card, white – Proximity key fob, ID card, black	M20421	

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ABB-Welcome
Family home kits

Set	Description	Without induction loop	With induction loop
Video kit	**Video 1 family kit** – 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	M20422	
Video kit	**Video single-family home WiFi kit** – 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	M20481	
Video kit	**Video single-family home WiFi kit** – 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	M20482	
Video kit	**Video 2 family kit** – 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	M20362 *2	
Video kit	**Video 2 family kit** – 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		M20364 *2
Video kit	**Video 1 family kit** – Mini video outdoor station, 1 push button, aluminum surface-mounted installation – 4.3" Colour video handset indoor station, white – Mini system controller	M20371	
Video kit	**Video 1 family kit** – Mini video outdoor station, 1 push button, aluminum surface-mounted installation – 4.3" video hands-free indoor station – Mini system controller	M20381	

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ABB-Welcome
Family home kits

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

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

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ABB-Welcome
Outdoor stations

Video outdoor station with keypad

Description	Video outdoor station with A/V module, display module & keypad module
Features	- LED indicator for real-time status: all established/system busy, communication possible and door unlocked. - 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. - One lock can be directly connected without independent power supply for the lock. - Additional terminal for second lock is available. - Easy to set default lock by one dip-switch - Lock release time and speaker volume are adjustable. - Integrated optic sensor for day/night mode. - Enable/disable outdoor station's acoustic feedback when pressing button - Support local power supply (20–30 V DC) - Support to release the default lock by pressing local exit button - Support to establish the call by enter room number or by searching name through display - Support to open the door by swiping ID or IC/DESFire card on display module - Support to open the door by entering correct password through keypad module - Wiegand output available, support 26 bits (default) and 34 bits - Surface mounting and flush mounting is optional
Technical details	- Dimensions: 349 x 135 x 29 mm - Input (a, b): 20–30 V DC - Operating current: 24 V DC, 380 mA - Standby current: 24 V DC, 240 mA - Operating temperature: -40 °C ... +55 °C - Image sensor: CMOS sensor 1/3.2" - Effective pixels: 1297 (H) x 977 (V) - Resolution: 550 TV lines - Detection angle: H 100°, V 70°, D 130° - Camera Standard: PAL/NTSC - Power supply for door opener (LOCK - GND): 18 V DC, 4 A impulse, max. 250 mA holding - Floating output for door opener (COM - NC - NO): 30 V AC/DC, 1 A - Wiegand output: 26 bits (default) and 34 bits - Dustproof and waterproof: IP54 - Vandal proof: IK07 - Single-wire/fine-wire clamps: 2 x 0.28 mm² ... 2 x 0.75 mm²
Version	Aluminum, with IC card Aluminum, with ID card
Article no. **Order no.**	M21382K-A M21381K-A 2TMA210010A0053 2TMA210010A0051

Standalone keypad module

Description	Standalone keypad module connects to ABB-Welcome door communication by 2-wire cable
Features	- Enables the opening of the door using a numerical code. - 1,800 passwords can be taught in. - Enables control switch actuator with lights connected. - Standalone operation together with system controller (power supply) and switch actuator (security connection for the electrical door opener or light). - Programming directly on the module. - Mounting tool is enclosed. - Surface mounting and flush mounting is optional
Technical details	- Dimensions: 139 x 135 x 29 mm - Rating current: 24 V DC, 25 mA - Operating temperature: -40 °C ... +55 °C - Dustproof and waterproof: IP54 - Vandal proof: IK07 - Single-wire/fine-wire clamps: 2 x 0.28 mm² ... 2 x 0.75 mm²
Version	Stainless steel
Article no. **Order no.**	M2700KP-S 2TMA200160X0005

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ABB-Welcome
Outdoor stations

Standalone transponder module

Description	Standalone transponder module connects to ABB-Welcome door communication by 2-wire cable
Features	- Enables the opening of the door using IC/DES Fire card. - 1,800 users can be taught in. - Programming directly on the module or using PC management software (requires 2-wire adaptor M2308). - Standalone operation together with system controller (power supply) and switch actuator (security connection for the electrical door opener). - Mounting tool is enclosed. - Surface mounting and flush mounting is optional
Technical details	- Dimensions: 139 x 135 x 29 mm - Rating current: 24 V DC, 30 mA - Operating temperature: -40 °C ... +55 °C - Dustproof and waterproof: IP54 - Vandal proof: IK07 - Single-wire/fine-wire clamps: 2 x 0.28 mm^2 ... 2 x 0.75 mm^2
Version	Stainless steel
Article no. **Order no.**	M2700TP-S 2TMA200010X0001

Standalone fingerprint module

Description	Standalone fingerprint module connects to ABB-Welcome door communication by 2-wire cable
Features	- Enables the opening of the door using a fingerprint scanner. - 64 users can be taught in. - Programming directly on the module or using PC management software (requires 2-wire adaptor M2308). - Standalone operation together with system controller (power supply) and switch actuator (security connection for the electrical door opener). - Mounting tool is enclosed. - Surface mounting and flush mounting is optional
Technical details	- Dimensions: 139 x 135 x 29 mm - Rating current: 24 V DC, 60 mA - Operating temperature: -40 °C ... +55 °C - Dustproof and waterproof: IP54 - Vandal proof: IK07 - Single-wire/fine-wire clamps: 2 x 0.28 mm^2 ... 2 x 0.75 mm^2
Version	Stainless steel
Article no. **Order no.**	M2700FP-S 2TMA200160X0007

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ABB-Welcome
Outdoor station modules

Audio/video module

Description	Audio/video module is the heart of video outdoor station	
Features	- LED indicater for real-time status: all established/system busy, communication possible and door unlocked. - 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. - One lock can be directly connected without independent power supply for the lock. - Additional terminal for second lock is available. - Easy to set default lock by one dip-switch - Lock release time and speaker volume are adjustable. - Integrated optic sensor for day/night mode. - Enable/disable outdoor station's acoustic feedback when pressing button - Manage the working mode and functionality of push button outdoor station - Support local power supply (20–30 V DC) - Support to release the default lock by pressing local exit button - Induction loop functionality is possible on Article M251382M when assembeing with stainless steel frame.	
Technical details	- Dimensions: 143 x 71 x 28 mm - Input (a, b): 20–30 V DC - Operating current: 24 V DC, 200 mA - Standby current: 24 V DC, 60 mA - Operating temperature: -40 °C … +55 °C - Image sensor: CMOS sensor 1/3.2" - Effective pixels: 1297 (H) x 977 (V) - Resolution: 550 TV lines - Detection angle: H 100°, V 70°, D 130° - Camera Standard: PAL/NTSC - Power supply for door opener (LOCK - GND): 18 V DC, 4 A impulse, max. 250 mA holding - Floating output for door opener (COM - NC - NO): 30 V AC/DC, 1 A - Single-wire/fine-wire clamps: 2 x 0.28 mm² … 2 x 0.75 mm²	- Dimensions: 143 x 71 x 28 mm - Input (a, b): 20–30 V DC - Operating current: 24 V DC, 230 mA - Standby current: 24 V DC, 60 mA - Operating temperature: -40 °C … +55 °C - Image sensor: CMOS sensor 1/3.2" - Effective pixels: 1297 (H) x 977 (V) - Resolution: 550 TV lines - Detection angle: H 100°, V 70°, D 130° - Camera Standard: PAL/NTSC - Power supply for door opener (LOCK - GND): 18 V DC, 4 A impulse, max. 250 mA holding - Floating output for door opener (COM - NC - NO): 30 V AC/DC, 1 A - Single-wire/fine-wire clamps: 2 x 0.28 mm² … 2 x 0.75 mm²
Version	Standard	with speech synthesis, T-loop
Article no. **Order no.**	M251381M 2TMA200160N0043	M251382M 2TMA200160N0044

Audio module

Description	Audio module is compulsory for audio outdoor station composition.
Features	- 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. - Lock release time is adjustable. - Integrated optic sensor for day/night mode. - Enable/disable outdoor station's acoustic feedback when pressing button - Manage the working mode and functionality of push button outdoor station
Technical details	- Dimensions: 97 x 71 x 28 mm - Input (a, b): 20–30 V DC - Operating current: 24 V DC, 120 mA - Standby current: 24 V DC, 8 mA - Operating temperature: -40 °C … +55 °C - Power supply for door opener (LOCK - GND): 18 V DC, 4 A impulse, max. 250 mA holding - Support to release the lock by pressing local exit button - Single-wire/fine-wire clamps: 2 x 0.28 mm² … 2 x 0.75 mm²
Version	Aluminum
Article no. **Order no.**	M251381A-A 2TMA200160A0001

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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

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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

Description	1/2/3 push button for visitor to press for calling		
Features	- Pushbutton could be programmed as you want (switch on lighting, call indoor station or guard unit) - Bright back-lit ensures clear nameplate at night time - Opening of the door by DESFire or NFC or IC card		
Technical details	- Dimensions: 97 x 72 x 25 mm - Rating current: 24 V DC, 10 mA - Operating temperature: -40 °C ... +55 °C For NFC version - Rating current: 24 V DC, 40 mA		
Version	1	2	3
Article no. Order no.	51381RP1 2TMA130160N0003	51381RP2 2TMA130160N0004	51381RP3 2TMA130160N0005
Version	with NFC/IC -1	with NFC/IC -2	with NFC/IC -3
Article no. Order no.	51382RP1 2TMA130160N0006	51382RP2 2TMA130160N0007	51382RP3 2TMA130160N0008

Bar push button

Description	3/6 or 4/8 push button for visitor to press for calling	
Features	- Pushbutton could be programmed as one column or double columns - Bright back-lit ensures clear nameplate at night time	
Technical details	- Dimensions: 97 x 72 x 25 mm - Rating current: 24 V DC, 8 mA - Operating temperature: -40 °C ... +55 °C	
Version	3 (Bar button)	4 (Bar button)
Article no. Order no.	51381SP3 2TMA130160N0001	51381SP4 2TMA130160N0002

ABB-Welcome
Outdoor station modules

Keypad with 1abc input

Description	Digital inputing module for keypad outdoor station
Features	- Enables the opening of the door using a numerical code - 3,000 passwords can be taught in - Customized passwords are allowed - Backlight automatically on for visibility at night - Call guard unit is available
Technical details	- Dimensions: 97 x 72 x 25 mm - Rating current: 24 V DC, 20 mA - Operating temperature: -40 °C ... +55 °C

Version	Stainless steel	White	Aluminum
Article no. **Order no.**	51381K-S 2TMA130160X0001	51381K-W 2TMA130010W0014	51381K-A 2TMA210160A0009

Display

Description	Display module ensure the customized message, code, and legible number always can be read.
Features	- Physical address/logical address calling type - Opening of the door by DESFire or NFC or IC card. - Wiegand output available - Up to 5,000 pcs cards can be registered
Technical details	- Dimensions: 97 x 72 x 25 mm - Rating current: 24 V DC, 160 mA - Operating temperature: -40 °C ... +55 °C

Version	IC/DES fire card	ID Card
Article no. **Order no.**	51382CR 2TMA130160N0009	51381CR 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

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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

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

Dummy module

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

Fingerprint module   Available time: Q2,2020

Description	Fingerprint module is one access control module of video/audio outdoor station		
Features	- 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)		
Technical details	- Dimensions: 97 x 72 x 28 mm - Rating current: 24 V DC, 40 mA - Operating temperature: -40 °C ... +55 °C		
Version	Stainless steel	Aluminum	White
Article no. Order no.	51381FP-S 2TMA200160X0003	51381FP-A 2TMA200160A0025	51381FP-W 2TMA200160W0004

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ABB-Welcome
Indoor stations

Video Indoor Station 7

Description	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.
Features	- 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. - Quick access touch buttons for door opener, mute, virtuall buttons and video surveillance - Easy access for up to 5 virtual Intercom entries - Easy access for up to 5 programmable switch functions - Supporting Camera-Interface to connect external Cameras

Technical details	- 7" non-Touch Display
	- Display resolution: 1024x600 px
	- Surface-mounted installation (Metal bracket included)
	- Dimensions:
	  Height: 138 mm
	  Widht: 184 mm
	  Depth: 19 mm

Version	White	With induction loop-White
Article no. **Order no.**	M22411-W 2TMA210051W0001	M22413-W (T-loop Variant) 2TMA210051W0002 (T-loop Variant)

Video Indoor Station 4.3, WiFi

Description	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.
Features	- Intuitive GUI on 4.3" IPS screen (resolution: 480 x 272) . - Intuitive button layout, separate "call" & "unlock" button, to avoid mis-operation on small size panel. - Slim thickness with 18 mm. - Surface-mounted installation with one metal bracket. - Network/WiFi connection & parameters of panel can be configured through Welcome APP following wizard design. - 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. - Up to 8 mobile devices can be paired with one panel through same MyBuildings account. - Cyber security and data privacy. - Remote firmware update through Welcome APP.
Technical details	

Version	Video indoor station 4.3, WiFi	Video indoor station 4.3, WiFi, T-loop
Article no. **Order no.**	M22401-W 2TMA220050W0022	M22403-W 2TMA220050W0024

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ABB-Welcome
Indoor stations

Video Indoor Station 7" Touch

Description	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.
Features	- Display and record the video image from outdoor station or external cameras. - Different bell sounds are adjustable for door and floor ringing. - Five different bell sounds are available and also you can play your favorite ringtone from SD card Leave message to family members or visitors when out of home. - "Doctor" function for automatic unlock. - Internal call to other users living in the apartment or neighbors.
Technical details	- Display feature: 7" capacitive touchscreen. - Display resolution: 1024 x 600. - Installation: surface-mounted, flush-mounted and desktop installation. - Bus voltage: 20–30 V DC . - Standby current: 15 mA@24 V DC. - Operating current: 300 mA@24 V DC. - Operating temperature: -10 °C – +55 °C; 14 °F – 131 °F. - Single-wire clamps: 2 x 0.28 mm2 ... 2 x 0.75 mm2. - Product dimensions: 198.5 x 162.3 x 17 mm.

Version	Video Indoor Station 7" Touch, white	Video Indoor Station 7" Touch, black
Article no. **Order no.**	M22381-W	M22381-B

4.3" video hands-free indoor station

Features	- 4.3" color display with on screen display. - 6 touch film buttons for communication unlocking, mute, programmable button (can be set as intercom, call guard unit, etc.), surveillance and setting. - 2 photos of the visitor will be automatically stored in the picture memory for door calls during resident's absence. - Holds up-to 50 photos. - Call transfer among different apartments and guard unit is available. - Doctor function for automatic unlock. - 5 ringtones for different call sources, i.e. from default outdoor station, secondary outdoor station, doorbell, intercom or guard unit. - Broadcast by simply holding and pressing the communication button. - Surface mounting, flush mounting (flush-mounted box 42311F is needed) and desktop mounting (desktop bracket 42311D is needed), and cavity wall set (51021CS needed). - The detailed user manual can be downloaded through scanning the QR code on the screen.
Technical details	- Product dimensions: 137 x 155 x 24 mm.

Version	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
Article no. **Order no.**	M22311-W	M22311-B	M22313-W

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ABB-Welcome
Indoor stations

4.3" video handset indoor station, color display

Features	- Slim indoor station with handset (depth of 45 inches). - 4.3" color display with on screen display. - 6 touch film buttons for communication, unlocking, mute, programmable button (can be set as intercom, call guard unit, etc.), surveillance and setting. - 2 photos of the visitor will be automatically stored in memory for door calls during resident's absence. - Holds up to 25 photos. - Call transfer among different apartments and guard unit is available. - Doctor function for automatic unlock. - 5 ringtones for different call sources, i.e. from default outdoor station, secondary outdoor station, door bell, intercom or guard unit. - Surface mounting and desktop mounting (desktop bracket 42311D is needed). - The detailed user manual can be downloaded through scanning the QR code on the screen.	
Technical details	- Product dimensions: 144 x 198 x 45 mm.	
Version	4.3" handset color video indoor station, white	4.3" handset color video indoor station with induction loop, white
Article no. Order no.	M22302-W	M22303-W

Basic 4.3" video hands-free indoor station

Features	- 4.3" color display with on screen display. - 6 touch film buttons for communication unlocking, mute, programmble button (can be set as intercom, call guard unit, etc.), surveillance and setting. - Doctor function for automatic unlock. - 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. - The detailed user manual can be downloaded through scanning the QR code on the screen. - Surface mounting and desktop mounting (desktop bracket 42311D is needed).
Technical details	- Product dimensions: 154 x 134 x 23 mm.
Version	Basic 4.3" video hands-free indoor station, white
Article no. Order no.	M22341-W

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

Features	- Electromagnetic signals will be emitted by a special inductive loop for auditory indication of any incoming calls. Functionable for users with hearing aids. - 4.3" color display with on screen display. - 6 touch film buttons for communication, unlocking, mute, programmable button (can be set as intercom, call guard unit, etc.), surveillance and setting. - 2 photos of the visitor will be automatically stored in memory for door calls during resident's absence. - Holds up to 50 photos. - Doctor function for automatic unlock. - 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. - The detailed user manual can be downloaded through scanning the QR code on the screen. - Surface mounting and desktop mounting (desktop bracket 42311D is needed).
Technical details	- Product dimensions: 154 x 134 x 23 mm.
Version	Basic 4.3" video hands-free indoor station, with induction loop, white
Article no. Order no.	M22343-W

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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.

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

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.

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

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ABB-Welcome
Installation material

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

Description	Mounting of outdoor station into the wall
Features	- 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.
Technical details	- Dimensions: 137 x 133 x 52 mm
Version	Anthracite Grey
Article no. **Order no.**	41381F-B 41381F-H 2TMA130160B0001 2TMA130160H0001

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

Description	Mounting of outdoor station into the wall
Features	- 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.
Technical details	- Dimensions: 203 x 133 x 52 mm
Version	Anthracite Grey
Article no. **Order no.**	41382F-B 41382F-H 2TMA130160B0002 2TMA130160H0002

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

Description	Mounting of outdoor station into the wall
Features	- 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.
Technical details	- Dimensions: 275 x 133 x 52 mm
Version	Anthracite Grey
Article no. **Order no.**	41383F-B 41383F-H 2TMA130160B0003 2TMA130160H0003

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

Description	Mounting of outdoor station into the wall
Features	- 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.
Technical details	- Dimensions: 347 x 133 x 52 mm
Version	Anthracite Grey
Article no. **Order no.**	41384F-B 41384F-H 2TMA130160B0004 2TMA130160H0004

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

Description	Mounting of outdoor station into the wall
Features	- 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.
Technical details	- Dimensions: 419 x 133 x 52 mm
Version	Anthracite Grey
Article no. **Order no.**	41385F-B 41385F-H 2TMA130160B0005 2TMA130160H0005

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ABB-Welcome
Installation material

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

Description	Mounting of outdoor station into the wall	
Features	- 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.	
Technical details	- Dimensions: 275 x 233 x 52 mm	
Version	Anthracite	Grey
Article no. Order no.	41386F-B 2TMA130160B0006	41386F-H 2TMA130160H0006

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

Description	Mounting of outdoor station on the wall	
Features	- For surface-mounted installation of outdoor station. - The product is packed with accessories to ensure qualified installation.	
Technical details	- Dimensions: 137 x 133 x 32 mm	
Version	Anthracite	Grey
Article no. Order no.	41381S-B 2TMA130160B0009	41381S-H 2TMA130160H0009

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

Description	Mounting of outdoor station on the wall	
Features	- For surface-mounted installation of outdoor station. - The product is packed with accessories to ensure qualified installation.	
Technical details	- Dimensions: 203 x 133 x 32 mm	
Version	Anthracite	Grey
Article no. Order no.	41382S-B 2TMA130160B0010	41382S-H 2TMA130160H0010

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

Description	Mounting of outdoor station on the wall	
Features	- For surface-mounted installation of outdoor station. - The product is packed with accessories to ensure qualified installation.	
Technical details	- Dimensions: 275 x 133 x 32 mm	
Version	Anthracite	Grey
Article no. Order no.	41383S-B 2TMA130160B0011	41383S-H 2TMA130160H0011

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

Description	Mounting of outdoor station on the wall	
Features	- For surface-mounted installation of outdoor station. - The product is packed with accessories to ensure qualified installation.	
Technical details	- Dimensions: 347 x 133 x 52 mm	
Version	Anthracite	Grey
Article no. Order no.	41384S-B 2TMA130160B0012	41384S-H 2TMA130160H0012

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ABB-Welcome
Installation material

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

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

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

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

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

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

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

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

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

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

ABB-Welcome
Installation material

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

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

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

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

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

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

Flush-mounted box and Pre installation box

Description	Flush-mounted box and Pre installation box for 7 inch video indoor station
Features	- 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.
Technical details	- Dimensions: 194 x 145 x 55 mm
Version	Anthracite
Article no. Order no.	42361F 2TMA130160B0132

Surface mounted box for Video Indoor Station 7"

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

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

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

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

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

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

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

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

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

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

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ABB-Welcome
Installation material

Video outdoor station frame, size 1/3

Description	Installation materials that used for outdoor station		
Features	- The invisible screw design is aesthetically pleasing		
Technical details	- Dimensions: 277 x 135 x 18 mm		
Version	White	Stainless steel	Aluminum
Article no. Order no.	41383CF-W 2TMA130160W0002	41383CF-S 2TMA130160X0004	41383CF-A 2TMA200160A0003
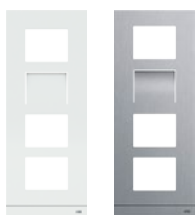
Video outdoor station frame, size 1/4

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

Video outdoor station frame, size 1/5

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

Video outdoor station frame, size 2/3

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

Audio outdoor station frame, size 1/1

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

Audio outdoor station frame, size 1/2

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

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ABB-Welcome
Installation material

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

Description	Installation materials that used for outdoor station
Features	- The invisible screw design is aesthetically pleasing - It is possible to combine with other size 1/3 frame to extend multi-column frame installation to support more modules
Technical details	- Dimensions: 277 x 135 x 20 mm

Version	Stainless steel	Aluminum
Article no. **Order no.**	41393CF-S 2TMA130160X0060	41393CF-A 2TMA200160A0013

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

Description	Installation materials that used for outdoor station
Features	- The invisible screw design is aesthetically pleasing - It is possible to combine with other size 1/4 frame to extend multi-column frame installation to support more modules
Technical details	- Dimensions: 349 x 135 x 20 mm

Version	Stainless steel	Aluminum
Article no. **Order no.**	41394CF-S 2TMA130160X0064	41394CF-A 2TMA200160A0015

Audio outdoor station frame, size 1/5

Description	Installation materials that used for outdoor station
Features	- The invisible screw design is aesthetically pleasing - It is possible to combine with other size1/5 frame to extend multi-column frame installation to support more modules
Technical details	- Dimensions: 421 x 135 x 20 mm
Version	Aluminum
Article no. **Order no.**	41395CF-A 2TMA200160A0017

Audio outdoor station frame, size 2/3

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

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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

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

Joining fixture

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

Mounting tool

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

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

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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

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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

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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

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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

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ABB-Welcome
System devices

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
- 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. iIIumination (Day): 0.1 Lux @ F2.0.
- Min. iIIumination (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.
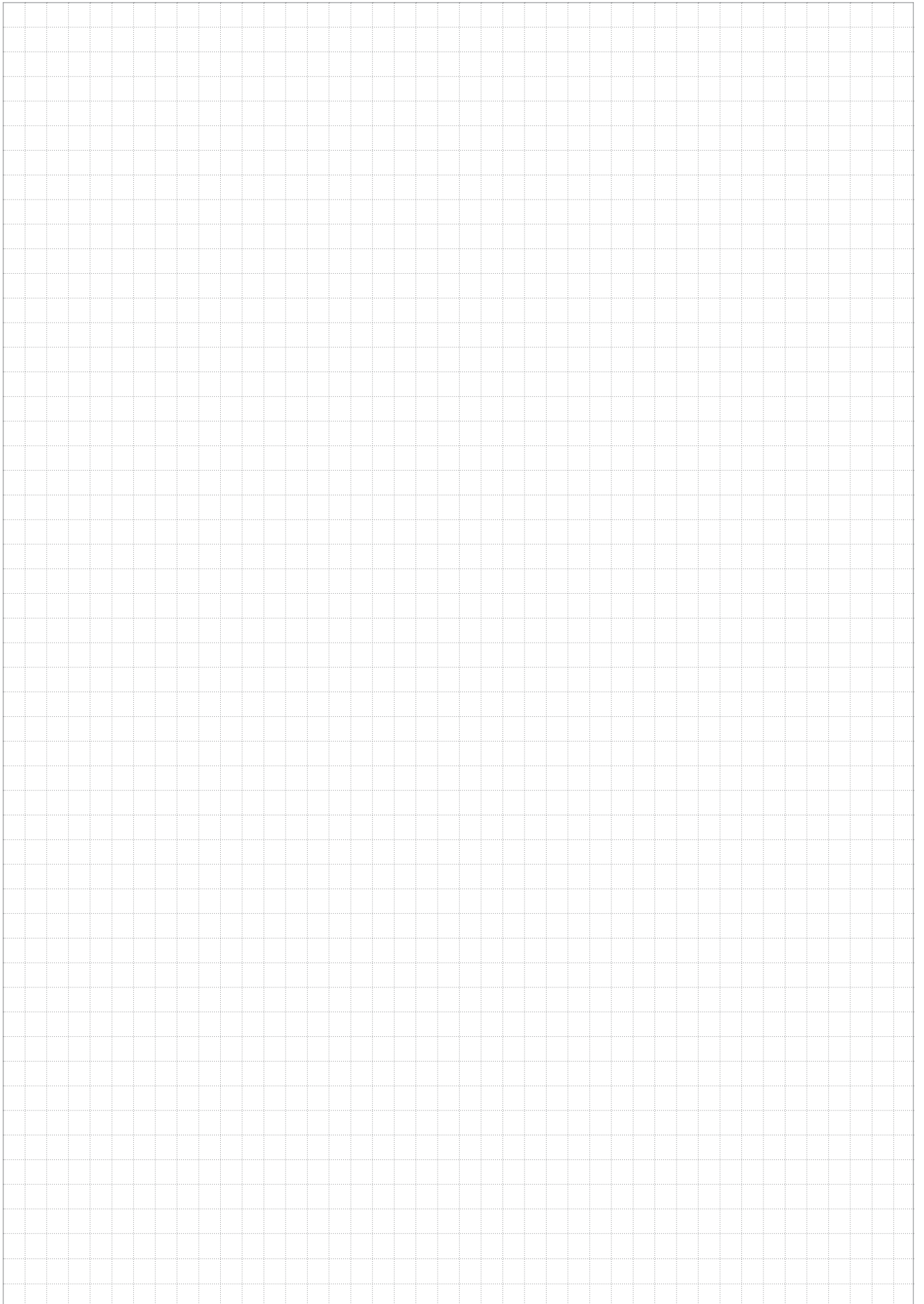 Mini dome camera: 105 x 94 x 83 mm.

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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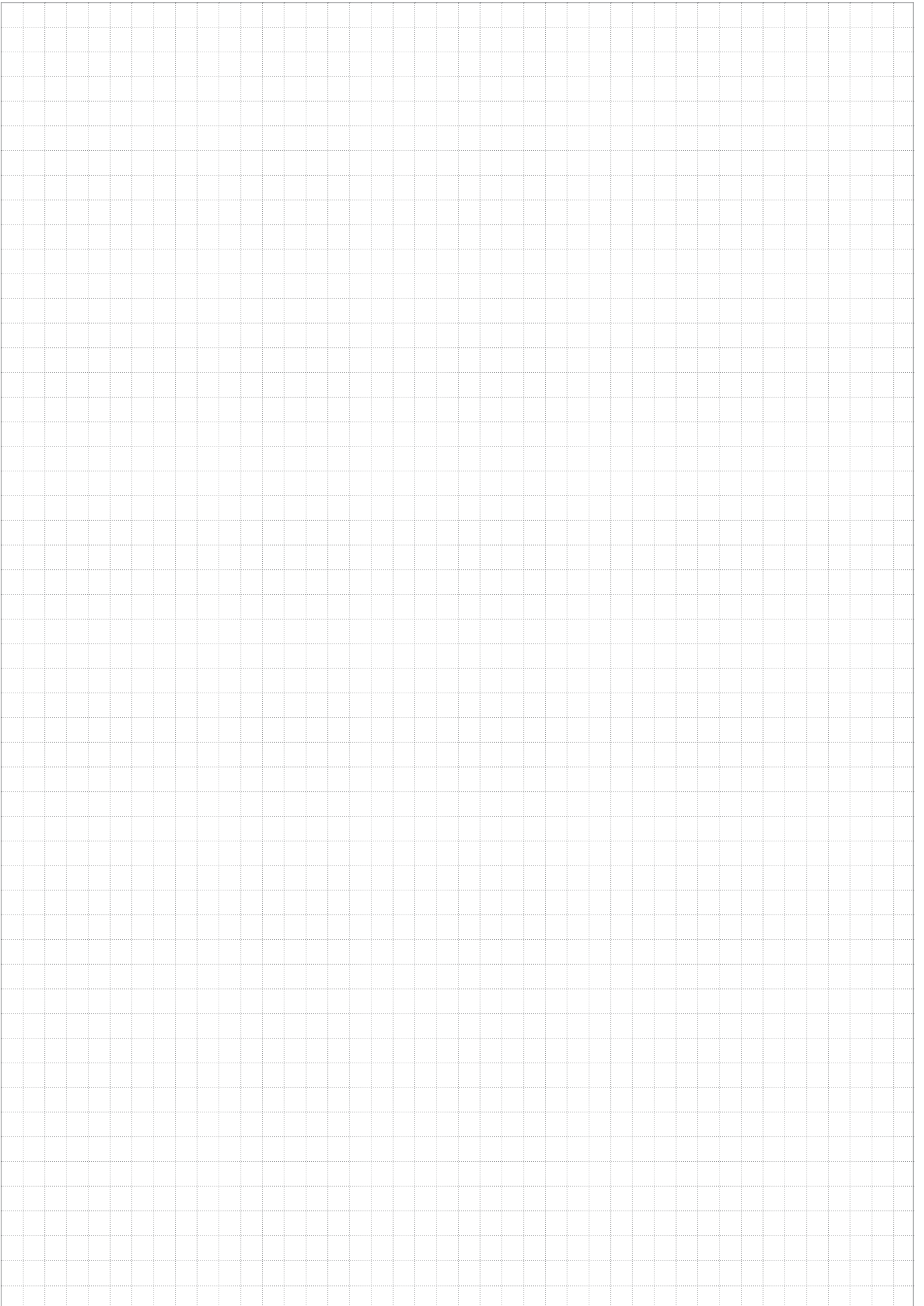
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