Electrical installation solutions for buildings
Door entry system

You may also visit our Door entry systems website:

Access all possibilities
Connecting to a smarter life
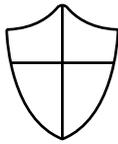
—
Security

To make you safer and enjoy your own time, ABB combines all the security functions that keep you all day long with peace of mind. Both ABB-Welcome and ABB-Welcome IP provide secure control of your accesses, whether we are talking about gates, front doors or entrance doors.

—
01
Video indoor
station 4.3"
Wi-Fi
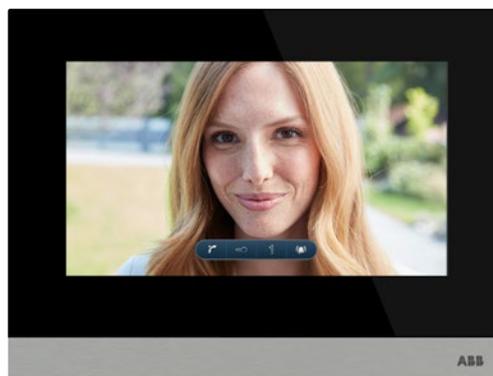
—
02
IP Touch 7"

Thanks to door entry technology, and in particular IP HD technology, the residents of the house and building are always accessible to visitors with high-definition images transmitted from a multi-channel bandwidth. It is much more colourful, brighter, clearer and no interference in communication.

—
Cyber security

We believe that security and privacy are core values in our life.
We want to protect you, at the same time giving you control over your home.

At ABB we design the devices you use every day, whether it's for door entry, home automation or intrusion, to make this possible, integrating the most powerful technologies for your security.

MyBuildings portal
Enterprise-grade cloud infrastructure is designed for uninterrupted operation and securely protects your communication and data… all for your home!
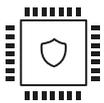
ABB Cyber Security Chip built into devices
Dedicated unique certification into the chip encrypts all your passwords and data, enabling trusted communication to our portal and apps.

End-to-end encryption
With the combination of built-in hardware security and end-to-end encryption, we make it extremely harder for any ill-intentioned to access your home.

Welcome

In Welcome all the communication from the panels toward the cloud use these technologies.
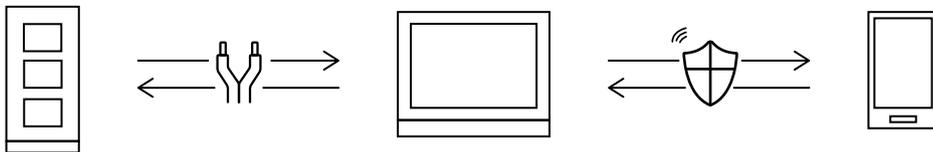
Welcome IP

In Welcome IP, we protected all the communications among all the devices and the cloud.
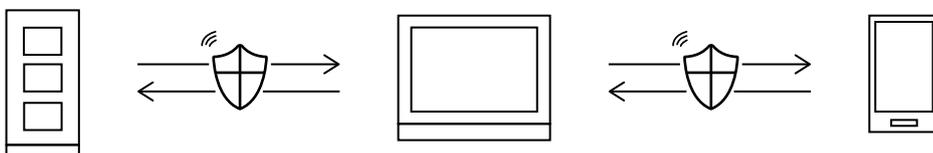
Customized solutions
According to your needs

ABB Door Entry System is more than just a door audio and video system, it's the future of smart home monitoring and security right at your fingertips.
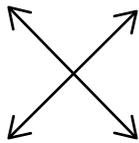
Flexibility

Customized solutions for complete building automation, in commercial, public, and privately used buildings. The combination of the 2-wire and IP system makes ABB's proposal wide and varied enough to satisfy every type of residence.

IP

2 Wire

| Single/two family home | Multiapartment building | Luxury villa | Commercial building |
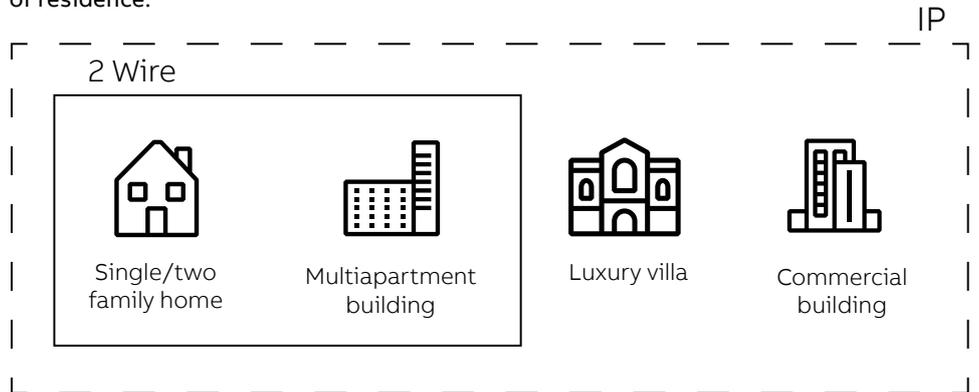
—
Modular flexibility

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. For all types of new construction 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.

With this approch the modular outdoor station fits all type of buildings.
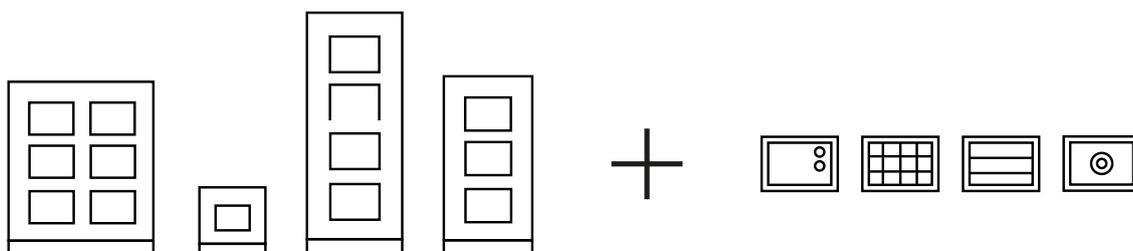
Examples of outdoor frames and modules that can be combined to create the right outdoor station for
every need.

Customized solutions
According to your needs

—

Simplicity

Setting up your Welcome system is very simple: the 2-wire technology allows ease of installation also in case of renovation and even advanced functionalities like WiFi connectivity to the mobile app can be set through just the scan of a QR code.
Also the IP technology becomes easy: wireless and PoE connection make the system really easy to install. For the commissioning quickly create the building structure and scan the QR code of a device to place into the desired location, upload the information into devices. 1-2-3, Done!

Customized solutions
According to your needs

—

Simple understanding

ABB always takes pride in user experience and innovates common network technology to create a totally smarter solution that can perfectly meet your every need.

Main menu with easy settings for door communication, video surveillance and home automation.
The new interface ensures that comprehensive functions in a room or entire building are centrally visualized, easy and intuitively operated in a comfortable and efficient manner.

Up to 8 mobile devices
can be paired with panel
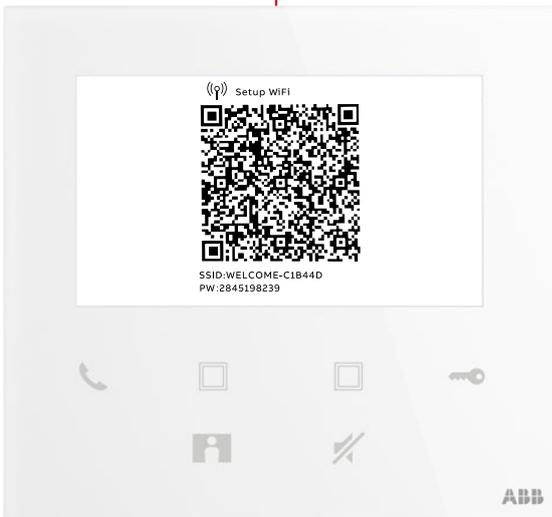
—
03
4.3" video indoor
station during
the pairing process

—
04
Interface
of IP touch 10"

Customized solutions
According to your needs
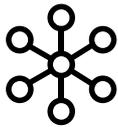
Connectivity

You can answer and open the door remotly via the Welcome App.
The App is a cloud based integrated platform working with both iOS and Android. It allows you to use your smart phone or tablet managing the calls from IP Touch panel, 4.3" series WiFi, from all other 2wire panel with the IP gateway, digital cylinder and surveillance locally or remotely.
You can also set up your customized App with as many steps as you wish. Thanks to MyBuildings portal, the remote connection is totally automated and managed with the highest level of security and data privacy. No special settings need to be made on the internet router for this solution.
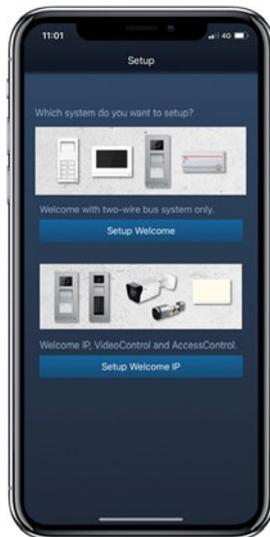
—
01
First screen of the App with selection of devices to pair.
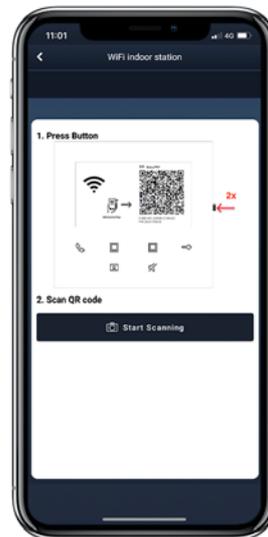
—
02
Pairing process: scan the QR code, that appears on the indoor station, via the app.

—
03
Incoming door call from the outdoor station.

—

Smart Home Ecosystem

Imagine the very best in comfort, security, design and energy efficiency for tomorrow's smart home, today. ABB can bring this to any residential building more easily than ever. All the functions that can be controlled such as blinds, lighting, heating, air-conditioning, door communication, access control and security are designed to make life simpler and smarter. Controlling the heart of the home or answering to your doorbell can be done at the touch of a panel, from the comfort of your armchair or remotely.

Door Entry
Welcome Welcome IP
Access Control

Smart Home Ecosystem

Home Automation
free@home
or KNX

Security
secure@home
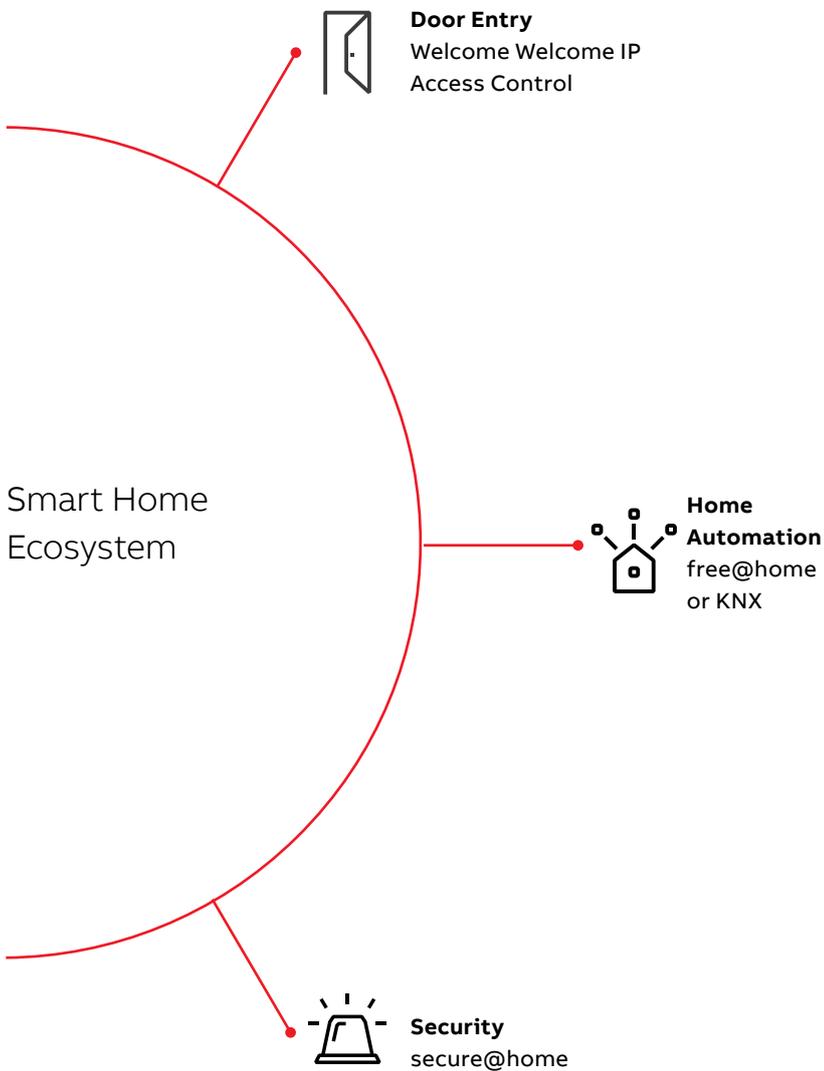
Access all possibilities

		2-wire		IP	
Technical Basic Information	Building type	Luxury villa	Multiapartment building	Luxury villa	Commercial building
		Single/two family home		Multi apartment building	
	Apartments per building (up to)	250		2000	
	OS per building (up to)	9		64	
	Number of buildings	60		No limits	
	Total maximum number of Indoor Stations	6000		No limits	
	Maximum distance from OS to IS	600 m		No limits	
Integrations	Access control integration	Limited to keypad and fingerprint		Yes (including smart locks)	
	Cameras integration	Analog		Yes - ONVIF Profile S, H.264	
	Smart home system integration	Yes – via dedicated indoor station		●	
Remote Management	Remote answer via APP	●		●	
	Remote answer via PC			●	
	Software automatic update			●	
	Commissioning	Simple rotary switches		Via APP or PC	
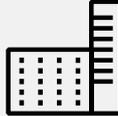
Door entry system

ABB-Welcome - Video outdoor stations - Comparison

	Keypad series	Mini series	Modular audio/video OS
Type	Monoblock	Monoblock	Modular
Recommended application	Multi apartment building	Single/two family home	Flexible all type of buildings
Audio only		●	
Video	550 TV Lines Effective Pixels: 1292 (H) x 968 (V)	600 TV lines Effective pixels: 1297 (H) x 977 (V)	550 TV Lines Effective Pixels: 1292 (H) x 968 (V)
Detection angles	Horizontal: 100 °Vertical: 70° Diagonal: 130°	Horizontal: 111° Vertical: 73° Diagonal: 130°	Horizontal: 100 °Vertical: 70° Diagonal: 130°
Weather protection	IP54	IP54	IP54
Impact protection	IK07	IK07	IK07
User interface	Keypad	Keypad or pushbotton	Keypad
Flush Mounting	●	●	●
Surface Mounting	●	●	●
Maximum number of IS	No limits	No limits	No limits
Door opening by transponder	●	●	●
Keypad opening	●	●	●

2-wire video outdoor station

ABB-Welcome - Outdoor stations

Shared features:
- Type of installation: SM or FM
- IP54: dustproof & watreproof
- IK07: vandal proof

Keypad series

Video outdoor station with A/V module, display module & keypad module. One lock can be directly connected without independent power supply for the lock and additional terminal for second lock is available.
- Anti-fog design with built-in heater for clear images also in wet conditions
- Built-in infrared lighting for clear images at night and hidden surveillance from video indoor station and integrated optic sensor for day/night mode
- LED indicator for real-time status
- Opening of the door by DESFire or IC card. Support to establish the call by enter room number or by searching name through display and support to open the door by entering correct password through keypad module
- Easy to set default lock by one dip-switch
- Lock release time and speaker volume are adjustable
- 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
- Wiegand output available, support 26 bits (default) and 34 bits
- Dimensions: 349 x 135 x 29 mm / 13.7 x 5.3 x 1.1 inch

Version	Aluminum, with ID card	Aluminum, with IC card
Article no.	M21381K-A	M21382K-A
Order no.	2TMA210010A0051	2TMA210010A0053

Mini series

Outdoor station-aluminum, up to 2 lock connections.
- Compact size
- Integrated status display
- Light switch or calling guard programmable for the 2nd button
- Dimensions (SM): 168 x 99 x 26,5 mm / 6.6 x 3.9 x 1 inch
- Dimensions (FM): 180 x 105 x 43 mm / 7 x 4.1 x 1.7 inch

		Article no.	Order no.	EU (excluding DACH)	RU, USA, other (excluding CN)
1 button	ID card reader - SM	M21312P1-A	2TMA070010A0018		●
		M21312P1-A-02	2TMA210010A0032	●	
	ID card reader - FM	M21362P1-A	2TMA210010A0039		●
		M21362P1-A-02	2TMA210010A0041	●	
	No ID card reader - SM	M21311P1-A	2TMA070010A0016		●
		M21311P1-A-02	2TMA210010A0030	●	
2 buttons	ID card reader - SM	M21312P2-A	2TMA070010A0019		●
		M21312P2-A-02	2TMA210010A0033	●	
	ID card reader - FM	M21362P2-A	2TMA210010A0040		●
		M21362P2-A-02	2TMA210010A0042	●	
	No ID card reader - SM	M21311P2-A	2TMA070010A0017		●
		M21311P2-A-02	2TMA210010A0031	●	

With FM version is optional the Pre-installation box		Dimensions
Article no.	41361F	174 x 98 x 45 mm
Order no.	2TMA110010N0001	6.8 x 3.8 x 1.8 inch

—

Standalone
ABB-Welcome - Outdoor stations

Standalone outdor station:
Standalone access control outdoor station.
These can be use with Welcome 2-wire.

Common technical details:
- Dimensions: 139 x 135 x 29 mm / 5.5 x 5.3 x 1.1 inch
- Type of installation: SM or FM
- Rating current: 24 V DC, 25 mA
- Operating temperature: -40 °C...+55 °C
- Dustproof and watreproof: IP54
- Vandal proof: IK07
- Single-wire/fine-wire clamps: 2 x 0.28 mm²...2 x 0.75 mm²
- Connects to ABB-Welcome door communication by 2-wire cable

Standalone keypad module:
- Enables the opening of the door using a numerical code
- 1800 passwords can be taught in
- Enable 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

Version	Stainless steel ■
Article no.	M2700KP-S
Order no.	2TMA200160X0005

Standalone transponder module:
- Enables the opening of the door using a key card
- 1800 users can be taught in
- Standalone operation together with system controller (power supply) and switch actuator (security connection for the electrical door opener)
- Programming directly on the module or using PC management software (requires 2-wire adaptor M2308)
- Mounting tool is enclosed

Version	Stainless steel ■
Article no.	M2700TP-S
Order no.	2TMA200010X0001

Standalone keypad module:
- Enables the opening of the door using a fingerprint scanner
- 64 users can be taught in
- Standalone operation together with system controller (power supply) and switch actuator (security connection for the electrical door opener)
- Programming directly on the module or using PC management software (requires 2-wire adaptor M2308)
- Mounting tool is enclosed

Version	Stainless steel ■
Article no.	M2700FP-S
Order no.	2TMA200160X0007

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Door entry system

ABB-Welcome IP - Video outdoor stations - Comparison

	Video OS touch 5"	Video Keypad OS	Video pushbutton OS	Mini OS	Modular video OS
Type	**Monoblock**	Monoblock	Monoblock	Monoblock	**Modular**
Recommended application	Commercial building / Multi apartment building / Luxury villa	Commercial building / Multi apartment building / Single/two family home	Luxury villa / Single/two family home	Multi apartment building * / Single/two family home	Flexible all type of buildings
Video	HD 720p	HD 720p	HD 720p	SD 480p	HD 720p
Detection angles	Horizontal: 111° Vertical: 73° Diagonal: 130°	Horizontal: 111° Vertical: 73° Diagonal: 130°	Horizontal: 111° Vertical: 73° Diagonal: 130°	Horizontal: 86° Vertical: 73° Diagonal: 104°	Horizontal: 111° Vertical: 73° Diagonal: 130°
Weather protection	IP54	IP54	IP54	IP54	IP54
Impact protection	IK07	IK07	IK07	IK07	IK07
User interface	Touch	Keypad or pushbotton	Keypad	Pushbutton	Pushbutton
Flush Mounting	●	●	●	●	●
Surface Mounting	●	●	●	●	●
Maximum number of IS	No limits	No limits	No limits	3	2
Door opening by transponder	●	●	●	●	●
Keypad opening	●	●	●		
Speech synthesiser	●	●	●	●	●
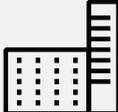
* Used as apartment outdoor station in combination with the main building outdoor stations.

IP video outdoor station
ABB-Welcome IP - Video outdoor stations

Shared features:
- Type of installation: SM or FM
- IP54: dustproof & waterproof
- IK07: vandal proof
- Super anti-fog coating and built-in heater
- LED indicator for real-time status
- Integrated RFID Reader (MIFARE® DESFire® EV1 & EV2) for door opening

Touch 5" series
Video outdoor station with 5-inch touch screen, integrated with transponder and keypad. Serves as end device for the communication with IP touch panel, guard unit or property management.
- Intuitive operable touchscreen & virtual keypad integrated
- Advertising or Developer promotion display area
- Name list / logo / physical address / logical address calling type
- Wiegand output available
- HD video streaming (720p) with 130-degree angle
- Dimensions: 349 x 135 x 29 mm / 13.7 x 5.3 x 1.1 inch

Version	Brushed stainless steel ■	White ▢
Article no.	H81381T-S	H81381T-W
Order no.	2TMA130010X0009	2TMA130010W0013

Pushbutton series
Video outdoor station with transponder and pushbutton(s) serves as end device for the communication with IP touch panel, guard unit or property management.
- Bar and around pushbutton for optional
- Pushbutton could be programmed as you want (switch on lighting, call indoor station or guard unit)
- Bright back-lit ensures clear nameplate at nighttime
- HD video streaming (720P) with 130-degree angle
- Dimensions (SM): 277 x 135 x 29 mm / 11 x 5.3 x 1.1 inch

Version	Brushed stainless steel ■	1 pushbutton	2 pushbuttons	3 pushbuttons
Article no.		H81381P1-S	H81381P2-S	H81381P3-S
Order no.		2TMA130010X0001	2TMA130010X0002	2TMA130010X0003
Version	White ▢	1 pushbutton	2 pushbuttons	3 pushbuttons
Article no.		H81381P1-W	H81381P2-W	H81381P3-W
Order no.		2TMA130010W0021	2TMA130010W0025	2TMA130010W0029

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IP video outdoor station
ABB-Welcome IP - Video outdoor stations

Keypad series

Video outdoor station with display, transponder and keypad serves as end device for the communication with IP touch panel, guard unit or property management.
- Physical address / logical address calling type
- Wiegand output available
- HD video streaming (720P) with 130-degree angle
- Dimensions: 349 x 135 x 29 mm / 13.7 x 5.3 x 1.1 inch

Version	Brushed stainless steel ▪	with ID	with IC
Article no.		H81383K-S	H81384K-S
Order no.		2TMA130010X0037	2TMA130010X0038
Version	White ▪	with ID	with IC
Article no.		H81381K-W	H81382K-W
Order no.		2TMA130010W0033	2TMA130010W0037

Mini series

Aluminum alloy, up to 2 locks connections.
- Compact size
- Integrated status display and optionally ID card reader
- Light switch or calling guard programmable for the 2nd button
- Camera resolution: 640 x 480 px
- Dimensions (SM): 168 x 99 x 26,5 mm / 6.6 x 3.9 x 1 inch
- Dimensions (FM): 180 x 105 x 43 mm / 7 x 4.1 x 1.7 inch

Version	SM	1 pushbutton, with ID	2 pushbuttons, with ID	-
Article no.		H81313P1-A	H81313P2-A	-
Order no.		2TMA130010A0001	2TMA130010A0004	
Version	FM	1 pushbutton, with ID	2 pushbuttons, with ID	1 pushbuttons without ID
Article no.		H81363P1-A	H81363P2-A	H81364P1-A
Order no.		2TMA130010A0007	2TMA130010A00010	2TMA130010A0013

—

Create your own outdoor station
According to your needs and wishes

Flush-mounted solution (FM)

Pre- installation box	FM box	Moduls	Frame	FM Rain Hood
(optional)	③	②	①	(optional)

Surface-mounted first generation (SM)

FM box	Moduls	Frame	Weather Cover
③	②	①	

Surface-mounted second generation (SM)

SM box	Moduls	Frame	SM Rain Hood
③	②	①	(optional)

Audio-video modules
Installation details for first & second generations

First generation audio-video modules	Flush-Mounted	Surface-Mounted	LOCK-GND	NO-NC-COM
Camera Module	●	+Weather Cover		
Audio Module	●	+Weather Cover	●	●
Audio Module (1 button)	●	+Weather Cover	●	●
Audio Module (2 buttons)	●	+Weather Cover	●	●

Second generation audio-video modules	Flush-Mounted	Surface-Mounted	LOCK-GND	NO-NC-COM
Audio/Video Module 130	●	●	●	●
Audio Module 2nd gener.	●	●	●	

—

2-wire modules
ABB-Welcome - Outdoor station modules

2-wire modules:
These modules can be used with Welcome 2- wire.

Audio modules - 1st generation (primary module)
The primary module establishes communication with the system control center by a 2-wire connection. Each outdoor station always requires one primary module.
- 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
- Addictional terminal for second lock is available
- Lock release time and speaker volume are adjustable
- On button versions: 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 optica sensor for day / night mode
- Dimensions: 97 x 72 x 38 mm / 3.8 x 2.8 x 1.5 inch
- Type of installation: SM (only with new weather covers) or FM

Version	No button	1 button	2 buttons
Article no.	M251021A-A	M251022A-A	M251023A-A
Order no.	2TMA070150A0002	2TMA070150A0003	2TMA070150A0004

Camera modules - 1st generation
- 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
- Optional to connect one additional analog camera for surveillance inside the video indoor station
- Dimensions: 97 x 72 x 41 mm / 3.8 x 2.8 x 1.6 inch
- Type of installation: SM (with weather covers 4102.WC-A) or FM

Article no.	M251021C
Order no.	2TMA070150N0038

Fingerprint module
Fingerprint module is one access control module of video/audio outdoor station
- Enables the opening of the door using a finger scanner
- 64 users can be taught in
- Programming directly on the module or using PC management software (requires 2-wire adaptor M2308)
- Rating current: 24 V DC, 40 mA
- Dimensions: 97 x 72 x 28 mm / 3.8 x 2.8 x 1.1 Inch
- Type of installation: SM or FM
- Operating temperature: -40 °C...+55 °C

Version	White	Stainless steel	Aluminum
Article no.	51381FP-W	51381FP-S	51381FP-A
Order no.	2TMA200160W0004	2TMA200160X0003	2TMA200160A0025

2-wire modules

ABB-Welcome - Outdoor station modules

2-wire primary modules

The primary module establishes communication with the system control center by a 2-wire connection. Each outdoor station always requires one primary module.

Common technical details:
- LED indicators for operation status indications: call established / system busy, communication possible and door unlocked
- 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
- Operating temperature: -40 °C...+55 °C
- Single-wire/fine-wire clamps: 2 x 0.28 mm^2...2 x 0.75 mm^2
- Connects to ABB-Welcome door communication by 2-wire cable

Audio module - 2nd generation

Audio module is compulsory for audio outdoor station composition
- One lock can be directly connected without independent power supply for the lock
- Lock release time is adjustable
- Enable/disable outdoor station's acoustic feedback when pressing button
- Manage the working mode and functionality of pushbutton outdoor station
- Operating current: 24 V DC, 120 mA
- Standby current: 24 V DC, 8 mA
- Dimensions: 97 x 72 x 28 mm / 3.8 x 2.8 x 1.1 Inch
- Type of installation: SM or FM

Article no.	M251381A-A
Order no.	2TMA200160A0001

Audio/video module - 2nd generation

Audio/video module is the heart of video outdoor station
- 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 pushbutton outdoor station
- Induction loop functionality is possible on Article M251382M when assembeing with stainless steel frame
- Dimensions: 143 x 72 x 28 mm / 5.6 x 2.8 x 1.1 inch
- Operating current: 24 V DC, 200-230 mA
- Standby current: 24 V DC, 60 mA
- Image sensor: CMOS sensor 1/3.2"
- Resolution: 550 TV lines, effective pixels 1297 (H) x 977 (V)
- Detection angle: H 100°, V 70°, D 130°
- Camera Standard :PAL/NTSC
- Floating output for door opener (COM -NC - NO): 30 V AC/DC, 1 A

Version	Standard	T-loop with speech synthesis
Article no.	M251381M	M251382M
Order no.	2TMA200160N0043	2TMA200160N0044

IP modules

ABB-Welcome - Outdoor station modules

IP modules:
These modules can be used only with Welcome-IP.

Common technical details:
- Dimensions: 143 x 96 x 23 mm/ 5.6 x 3.8 x 0.9 inch
- Type of installation: SM or FM

A/V module with 720P camera, Lan cable
Audio & video modules as the heart of outdoor station
- HD video streaming (720P) with 130 degree angle
- Super anti-fog coating and in-built heater
- LED indicater for real-time status
- Suitable for the disabled

Article no.	H851381M-S
Order no.	2TMA130160B0081

Big display module
Integrated with transponder and keypad serves as big touch screen fro daily operation for residential owners and visitors
- Intuitive operable touchscreen & Virtual keypad integrated
- Advertising or Developer promotion display area
- Name list / logo / physical address / logical address calling type
- Opeing of the door by DESFire or NFC or IC card

Version	5 inch & IC/DESfire
Article no.	H851381DP
Order no.	2TMA130160B0082

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Standard modules
ABB-Welcome/ABB-Welcome IP - Outdoor station modules

Functional modules:
These modules can be used with both Welcome 2- wire and Welcome-IP.

Common technical details:
- Dimensions: 97 x 72 x 25 mm/ 3.8 x 2.8 x 1 inch
- Type of installation: SM or FM
- Operating temperature: -40 °C...+55 °C

Round pushbutton
1/2/3 pushbutton for visitor to press for calling
- 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
- Rating current: 24 V DC, 10 mA/ for NFC version 24 V DC, 40 mA

Version	1 button	2 buttons	3 buttons
Article no.	51381RP1	51381RP2	51381RP3
Order no.	2TMA130160N0003	2TMA130160N0004	2TMA130160N0005
Version	1 button with NFC/IC	2 buttons with NFC/IC	3 buttons with NFC/IC
Article no.	51382RP1	51382RP2	51382RP3
Order no.	2TMA130160N0006	2TMA130160N0007	2TMA130160N0008

Round pushbutton
3/6 or 4/8 pushbutton for visitor to press for calling
- Pushbutton could be programmed as one column or double columns
- Bright back-lit ensures clear nameplate at night time
- Rating current: 24 V DC, 8 mA

Version	3 bar buttons	4 bar buttons
Article no.	51381SP3	51381SP4
Order no.	2TMA130160N0001	2TMA130160N0002

Keypad with 1abc input
Digital inputing module for keyoad outdoor station
- Enable the opening of the door using a numerical code
- 3,000 customized passwords can be taught in
- Backlight automatically on for visibility at night
- Call guard unit is available
- Rating current: 24 V DC, 20 mA

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

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Standard modules
ABB-Welcome/ABB-Welcome IP - Outdoor station modules

Display
The display module ensures that the personalised message, code and number can be read
- Physical address / logical address calling type
- Up to 5000 pcs cards can be registrered
- Opening of the door by DESFire or NFC or IC card
- Wiegand output available
- Rating current: 24 V DC, 160 mA

Version	ID Card	IC/DES fire card
Article no.	51381CR	51382CR
Order no.	2TMA130160N0010	2TMA130160N0009
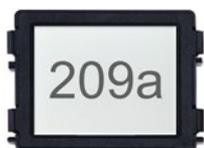
Info module
Info module is used to hold the address of the building or the resident directory
and assembled in outdoor station
- Stamped labelling foil is enclosed
- Backlight ensures clear visibility at night
- Rating current: 24 V DC, 8 mA

Article no.	51381DN
Order no.	2TMA200160N0039

Dummy module
Dummy module is one blank module, support to put 3rd-party module inside, also support
to future function module replacement
- Maximum space inside 54.5 x 9.4 x 74 mm / 21.5 x 0.37 x 2.9 inch

Article no.	51381DM
Order no.	2TMA200160N0040

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Letter box modules
ABB-Welcome - Alternative modules

Letter box modules:
For the integration into letter boxes and bell systems of different manufacturers.

Camera module
- 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
- Dimensions: 126 x 68 x 31 mm / 5 x 2.7 x 1.2 inch

Article no.	83501-101-500-01
Order no.	2TMA070150N0043

Audio integration unit
- Makes audio communication possible with also adjustable volume
- Built-in relay for operating the door opener
- 8 inputs for connecting the doorbell push-switches
- With interface for the connection of built-in keypad extensions and of the camera module
- Dimensions: 68 x 126 x 31 mm / 2.7 x 5 x 1.2 inch

Version	EU	Non EU
Article no.	83110-500-01	83110-500-02
Order no.	2TMA070150N0042	2TMA210010N0037

Extension unit
- Extends the built/in audio module assembly by a further 12 binary inputs
- 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
- With interface for the connection of built-in keypad extensions
- Dimensions: 68 x 50 x 24 mm / 2.7 x 2 x 0.9 inch

Version	EU	Non EU
Article no.	83111-500-02	83111-500-01
Order no.	2TMA210010N0038	2TMA070120N0027

Door entry system
ABB-Welcome/ABB-Welcome IP - Frames and installation material

2 types of outdoor station frame:

Audio outdoor station frame
Suitable for audio/video modules of 1st generation

Video outdoor station frame
Suitable for audio/video modules of 2nd generation

Module/Column	Type of frame		Color		Article no	Order no.	Dimensions
1 module	Audio		Aluminum	■	41391CF-A	2TMA220160A0003	119 x 135 x 20 mm 4.6 x 5.3 x 0.8 inch
2 modules in 1 column	Audio		Aluminum	■	41392CF-A	2TMA200160A0011	205 x 135 x 20 mm 8.1 x 5.3 x 0.8 inch
	Audio		Anthracite	■	41392CF-B	2TMA220161B1001	
3 modules in 1 column	Audio	●	Stainless steel	▨	41393CF-S	2TMA130160X0060	277 x 135 x 20 mm 10.9 x 5.3 x 0.8 inch
	Audio	●	Aluminum	■	41393CF-A	2TMA200160A0013	
	Audio		Anthracite	■	41393CF-B	2TMA220161B1002	
	Video		White	▢	41383CF-W	2TMA130160W0002	
	Video		Stainless steel	▨	41383CF-S	2TMA130160X0004	
	Video		Aluminum	■	41383CF-A	2TMA200160A0003	
	Video		Anthracite	■	41383CF-B	2TMA220161B1004	
4 modules in 1 column	Audio	●	Stainless steel	▨	41394CF-S	2TMA130160X0064	349 x 135 x 20 mm 13.7 x 5.3 x 0.8 inch
	Audio	●	Aluminum	■	41394CF-A	2TMA200160A0015	
	Audio		Anthracite	■	41394CF-B	2TMA220161B1003	
	Video		White	▢	41384CF-W	2TMA130160W0003	
	Video		Stainless steel	▨	41384CF-S	2TMA130160X0005	
	Video		Aluminum	■	41384CF-A	2TMA200160A0005	
	Video		Anthracite	■	41384CF-B	2TMA200160A0005	
5 modules in 1 column	Audio		Aluminum	■	41395CF-A	2TMA200160A0017	421 x 135 x 20 mm 16.6 x 5.3 x 0.8 inch
	Video		White	▢	41385CF-W	2TMA130160W0004	
	Video		Stainless steel	▨	41385CF-S	2TMA130160X0007	
	Video		Aluminum	■	41385CF-A	2TMA200160A0007	
	Video		Anthracite	■	41385CF-B	2TMA220161B1006	
6 modules divided in 2 columns	Video		Stainless steel	▨	41386CF-S	2TMA130160X0007	277 x 235 x 20 mm 10.9 x 9.2 x 0.8 inch
	Video		Aluminum	■	41386CF-A	2TMA200160A0009	
8 modules divide in 2 columns	Audio		Aluminum	■	41398CF-A	2TMA220161A0008	349 x 235 x 20 mm 13.7 x 9.2 x 0.8 inch
	Video		Aluminum	■	41388CF-A	2TMA220161A0010	
10 modules divide in 2 columns	Audio		Aluminum	■	413910CF-A	2TMA220161A0009	421 x 235 x 20 mm 16.6 x 9.2 x 0.8 inch
	Video		Aluminum	■	413810CF-A	2TMA220161A0011	

● It is possible to combine the frame of the same size for a multi-column installation to support more modules.

Mounting boxes

ABB-Welcome/ABB-Welcome IP - Installation material

3 types of boxes:

Surface-mounted box
for mounting of outdoor station on the wall.

Flush-mounted box
for mounting of outdoor station into the wall.
This box is fitted with knock down holes for
cabling from left, right, or back.

Pre-installation box
for flush-mounting of outdoor station into
the wall for higher stability.

Frame size	Type of installation	Color		Article no.	Order no.
	Surface-mounted	Anthracite	■	41381S-B	2TMA130160B0009
	Surface-mounted	Grey	■	41381S-H	2TMA130160H0009
	Flush-mounted	Anthracite	■	41381F-B	2TMA130160B0001
	Flush-mounted	Grey	■	41381F-H	2TMA130160H0001
	Pre-installation box	Anthracite	■	41381PB	2TMA130160B0017
	Surface-mounted	Anthracite	■	41382S-B	2TMA130160B0010
	Surface-mounted	Grey	■	41382S-H	2TMA130160H0010
	Flush-mounted	Anthracite	■	41382F-B	2TMA130160B0002
	Flush-mounted	Grey	■	41382F-H	2TMA130160H0002
	Pre-installation box	Anthracite	■	41382PB	2TMA130160B0018
	Surface-mounted	Anthracite	■	41383S-B	2TMA130160B00011
	Surface-mounted	Grey	■	41383S-H	2TMA130160H00011
	Flush-mounted	Anthracite	■	41383F-B	2TMA130160B0003
	Flush-mounted	Grey	■	41383F-H	2TMA130160H0003
	Pre-installation box	Anthracite	■	41383PB	2TMA130160B0019
	Surface-mounted	Anthracite	■	41384S-B	2TMA130160B00012
	Surface-mounted	Grey	■	41384S-H	2TMA130160H00012
	Flush-mounted	Anthracite	■	41384F-B	2TMA130160B0004
	Flush-mounted	Grey	■	41384F-H	2TMA130160H0004
	Pre-installation box	Anthracite	■	41384PB	2TMA130160B0020
	Surface-mounted	Anthracite	■	41385S-B	2TMA130160B00013
	Surface-mounted	Grey	■	41385S-H	2TMA130160H00013
	Flush-mounted	Anthracite	■	41385F-B	2TMA130160B0005
	Flush-mounted	Grey	■	41385F-H	2TMA130160H0005
	Pre-installation box	Anthracite	■	41385PB	2TMA130160B0021
	Surface-mounted	Anthracite	■	41386S-B	2TMA130160B00014
	Surface-mounted	Grey	■	41386S-H	2TMA130160H00014
	Flush-mounted	Anthracite	■	41386F-B	2TMA130160B0006
	Flush-mounted	Grey	■	41386F-H	2TMA130160H0006
	Pre-installation box	Anthracite	■	41386PB	2TMA130160B0022

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Rain Hood and Weather Cover

ABB-Welcome/ABB-Welcome IP - Installation material

3 types of covers:

Rain hood (SM)
designed to adapt surface-mounted (SM) box

Rain hood (FM)
designed to adapt flush-mounted (FM) box

Weather cover
designed for full weather surface mounting,
in combination with FM boxes

Modules/Column	Type of cover	Color		Article no.	Order no.
n/1	Rain hood (SM)	Aluminum	■	41381S-B	2TMA130160B0009
n/1	Rain hood (FM)	Aluminum	■	41381S-H	2TMA130160H0009
1/1	Weather cover	Aluminum	■	41381F-B	2TMA130160B0001
2/1	Weather cover	Aluminum	■	41381F-H	2TMA130160H0001
3/1	Weather cover	Aluminum	■	41381PB	2TMA130160B0017
4/1	Weather cover	Aluminum	■	41382S-B	2TMA130160B0010
n/2	Rain hood (SM)	Aluminum	■	41382S-H	2TMA130160H0010
n/2	Rain hood (SM)	Aluminum	■	41382F-B	2TMA130160B0002
4/2	Weather cover	Aluminum	■	41382F-H	2TMA130160H0002
n/3	Rain hood (SM)	Aluminum	■	41382PB	2TMA130160B0018

Boxes dimensions

Modules/Column	Surface-mounted box	Flush-mounted box
1/1	137 x 133 x 32 mm 5.4 x 5.2 x 1.25 inch	137 x 133 x 52 mm 5.4 x 5.2 x 2 inch
2/1	203 x 133 x 32 mm 8 x 5.2 x 1.25 inch	203 x 133 x 52 mm 8 x 5.2 x 2 inch
3/1	275 x 133 x 32 mm 10.8 x 5.2 x 1.25 inch	275 x 133 x 52 mm 10.8 x 5.2 x 2 inch
4/1	347 x 133 x 32 mm 13.6 x 5.2 x 1.25 inch	347 x 133 x 52 mm 13.6 x 5.2 x 2 inch
5/1	419 x 133 x 32 mm 16.5 x 5.2 x 1.25 inch	419 x 133 x 52 mm 16.5 x 5.2 x 2 inch
6/1	275 x 233 x 32 mm 10.8 x 8.7 x 1.25 inch	275 x 233 x 52 mm 10.8 x 8.7 x 2 inch

Covers dimensions

Modules/Column	Rain hood (SM)
n/1	98 x 143 x 68 mm 3.8 x 5.6 x 2.7 inch
n/2	275 x 233 x 32 mm 10.8 x 8.7 x 1.25 inch
n/3	275 x 233 x 32 mm 10.8 x 8.7 x 1.25 inch

Covers dimensions

Modules/Column
1/1
2/1
3/1
4/1
4/2

Door entry system
ABB-Welcome - 2-wire indoor stations

	free@home Touch 7"	Smart Touch 7"	Video Indoor Station 7" Touch	Video Indoor Station 4.3 WiFi	Video Indoor Station 7"	4.3" video handset	Basic 4.3" hands-free	Audio hands-free	Audio handset
Video	●	●	●	●	●	●	●		
Color	White, Black	White, Black	White, Black	White	White	White	White	White, Black, Silver	White
Screen Size	7"	7"	7"	4.3"	7"	4.3"	4.3"		
Video Surveillance call	●	●	●	●	●	●	●		
Door bell call	●	●	●	●	●	●	●	●	●
Image call history	●	●	●	O[1]	●	●	O[4]		
Variable ringtone		●	●	●	●	●	●	●	●
Automatic unlock	●	●	●	●	●	●	●	●	●
Mute one or mute all	●	●	●	●	●	●	●	●	●
Open multiple doors			●	●	●	●	●		●
InterCom	●	●	●	O[2]	●	●	●		
Room to Room Home to Home Guard Unit Call	●	●	●	O[2]	●	●	●		●
Black list for InterCom calls	●	●	●	O[1]	●	●	●		
Induction loop	●	●	●	●	●	●	●		●
3rd party camera integration	●	●	●	●	●	●	●		
Welcome App Integration	●	●	O[3]	●	O[3]	O[3]	O[3]		
Paging/Broadcast	●	●	●						
Customized ringtone from SD		●	●						
Video record	●	●	●						
Custom audio away message	●	●	●						
Call forwarding	●	●	●			●			
Smart home integration	●	●							

Device Interfaces

	free@home Touch 7"	Smart Touch 7"	Video Indoor Station 7" Touch	Video Indoor Station 4.3 WiFi	Video Indoor Station 7"	4.3" video handset	Basic 4.3" hands-free	Audio hands-free	Audio handset
SD card	●	●	●						
Wifi integrated				●					
Local power supply				●		●	●		
Installation	Surface and table mounting	Surface, flush and table mounting	Surface, flush and table mounting	Flush mounting	Flush mounting	Surface and table mounting	Surface and table mounting	Surface mounting	Surface mounting
Firmware update through Internet				●					
Firmware update by SD-Card	●	●	●	●					

Notes:
1. Shown in the Welcome App
2. Configured through Welcome App
3. Additional IP gateway needed (83342)
4. With Induction Loop

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Door entry system
ABB-Welcome - 2-wire video indoor stations

free@homeTouch 7"
For the central control of up to 16 configurable smart home functions per page and display of the video image of an outdoor door communication station. During the conversation a picture of the visitor can be taken and stored in the picture memory. For door calls during absence three pictures of the visitor are automatically stored in the picture memory. The bus can be connected via enclosed terminal block.
- Easy operation keys for door openers, mute function and light
- Volume adjustable
- SD card slot for extension of the picture memory
- Suitable as room temperature controller extension unit
- Type of installation: only SM for free@home, FM or SM for KNX
- Display size 178 mm (7")
- Display resolution: 800 x 480 px
- Display elements: TFT Touch
- Display protection class (Device): IP 30
- Dimensions: 155 x 218 x 29 mm / 6.1 x 8.6 x 1.1 inch

Version	White ▢	Black ■
Article no.	DP7-S-611	DP7-S-625
Order no.	2CKA008300A0356	2CKA008300A0357

SmartTouch 7"
Free programmable KNX touch display as a control, notification and operation center for the entire house. Works as a video indoor station with the ABB-Welcome Door Entry System. During the conversation a picture of the visitor can be taken and stored in the picture memory. For the display and operation of the following KNX standard functions: switching, dimming, slider, blind, RGBW LED control, step switch, RTC, scene switch, display element, audio control. With scene and logic functions, presence simulation and time programs. Displays alerts and malfunctions. Available with induction loop for connecting to hearing aid devices. Programmable with up to 16 functions per page.
- Type of installation: Surface-mounted or flush-mounted
- Display size 178 mm (7")
- Display resolution: 1024 x 600 px
- External power supply: 20-32 V DC (SELV) or through the ABB-Welcome bus

Version	White ▢	Black ■
Article no.	6136/07-811-500	6136/07-825-500
Order no.	2CKA006136A0205	2CKA006136A0206

Surface Mounting box for SmartTouch 7''
- Standard flush mounted wall box VDE & BS
- Flush mounted installation box (6136/UP) or
- To be mounted directly on the wall
- To be mounted on the ABB-Welcome table stand

Version	White ▢	Black ■
Article no.	6136/27-811-500	6136/27-825-500
Order no.	2CKA006136A0209	2CKA006136A0210

Flush Mounting box for SmartTouch 7'''
- Windproof
- FM dimensions: 152 x 235 x 60 mm / 6 x 9.2 x 2.4 inch
- Hollow wall dimensions: 146 x 227 x 50 mm / 5.7 x 8.9 x 2 inch

Article no.	6136/07 UP-500
Order no.	2CKA006136A0212

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Door entry system

ABB-Welcome - 2-wire video indoor stations

Video Indoor Station 7" Touch

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.

- Display and record the video image from outdoor station or external cameras
- Different bell sounds adjustable for door and floor ringing, five different bell sounds available
- Possibility to play your favorite ringtone from SD card
- Leave message to family members or visitors when out of home
- Automatic unlock function
- Internal call to other users living in the apartment or neighbors
- Call concierge if guard unit is ready in the system Send SOS alarm to guard unit
- Induction loop in all the versions
- 7" capacitive touchscreen
- Display resolution: 1024 x 600 px   198 x 162 x 17 mm / 7.8 x 6.4 x 0.7 inch

Version	Article no.	Order no.	EU (excluding DE, CH)	CH	RU, USA, others (excluding CN)
Black ■	M22381-B	2TMA220050B0004			●
	M22381-B-02	2TMA220050B0008	●		
	M22381-B-04	2TMA220050B0010		●	
White ▫	M22381-W	2TMA220050W0007			●
	M22381-W-02	2TMA220050W0015	●		
	M22381-W-04	2TMA220050W0017		●	

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Door entry system
ABB-Welcome - 2-wire video indoor stations

Video indoor station 4.3" series, WiFi
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.

- Intuitive button layout, separate "call" & "unlock" button, to avoid mis-operation on small size panel
- 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
- Intuitive GUI on 4.3" IPS screen (resolution: 480 x 272 px)
- Type of installation: SM
- Dimensions: 122 x 131 x 18 mm / 4.8 x 5.2 x 0.7 inch

Version	White ■	With induction loop-White ■	CH only
Article no.	M22401-W	M22403-W	M22401-W-04
Order no.	2TMA220050W0022	2TMA220050W0024	2TMA200051W0001

Video indoor station 7"
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.

- 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
- 7" non-Touch Display (resolution: 1024x600 px)
- Type of installation: SM (metal bracket included)
- Dimensions: 138 x 184 x 19 mm / 5.4 x 7.2 x 0.7 inch

Version	White ■	With induction loop-White ■
Article no.	M22411-W	M22413-W
Order no.	2TMA210051W0001	2TMA210051W0002

Flush-mounted box and Pre-installation box for 7" video indoor station"
- The FM box is fitted with knock down holes for cabling from the left, right, bottom or back
- The product is packed with accessories to endure qualified installation

Article no.	42361F
Order no.	2TMA130160B0132

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Door entry system

ABB-Welcome - 2-wire video indoor stations

4.3" video handset series, color display

Slim indoor station with handset (depth of 45 inches). 6 touch film buttons for communication, unlocking, mute, programmable button (can be set as intercom, call guard unit, etc.), surveillance and setting.

- 4.3" color display with on screen display
- 2 photos of the visitor will be automatically stored in the picture memory for door calls during resident's absence (up to 50 photos)
- Call transfer among different apartments and guard unit is available
- Automatic unlock function
- 5 ringtones for different call sources, i.e. from default outdoor station, secondary outdoor station, doorbell, intercom or guard unit
- The detailed user manual can be downloaded through scanning the QR code on the screen
- Type of installation: SM or desktop mounting (desktop bracket 42311D is needed)
- Dimensions: 144 x 198 x 45 mm / 5.6 x 7.8 x 1.8 inch

Version	Article no.	Order no.	EU (excluding DE, CH)	RU, USA, others (excluding CN)
White ▢	M22302-W	2TMA070020W0055		●
	M22302-W-02	2TMA210050W0005	●	
With induction loop* - White ▢	M22303-W	2TMA070020W0056		●
	M22303-W-02	2TMA210050W0006	●	

Basic 4.3" hands-free series

Basic indoor station with 6 touch film buttons for communication unlocking, mute, programmable button (can be set as intercom, call guard unit, etc.), surveillance and setting.

- Automatic unlock function
- 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
- Type of installation: SM or desktop mounting (desktop bracket 42311D is needed)
- Dimensions: 154 x 134 x 23 mm / 6 x 5.3 x 0.9 inch

Version	Article no.	Order no.	EU (excluding DE, CH)	RU, USA, others (excluding CN)
White ▢	M22341-W	2TMA070020W0060		●
	M22341-W-02	2TMA210050W0013	●	
	M22344-W	2TMA070020W0080		● (USA only)
With induction loop* - White ▢	M22343-W	2TMA070020W0061		●
	M22343-W-02	2TMA210050W0014	●	

Flush-mounted box for 4.3" video hands-free indoor station
- Metal box for FM 4.3" video hands-free indoor stations
- Dimensions: 145 x 125 x 27 mm / 5.7 x 4.9 x 1 inch

Article no.	42311F
Order No.	2TMA070130A0017

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
- 125 x 107 x 134 mm / 5 x 4.2 x 5.3 inch

Article no.	42311D
Order No.	2TMA070130N0189

Door entry system
ABB-Welcome - 2-wire audio indoor stations

Audio hands-free
Hands-free indoor station with 4 buttons. The 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
- 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
- Type of installation: SM
- Dimensions: 178 x 81 x 22 mm / 7 x 3.2 x 0.9 inch

Version	Article no.	Order no.	EU (excluding DE, CH)	RU, USA, others (excluding CN)
White ▢	83210 AP-624-500-01	2TMA020020W0064		●
	83210 AP-624-500-02	2TMA210050W0016	●	
Black ■	83210 AP-681-500-01	2TMA070020B0034		●
	83210 AP-681-500-02	2TMA210050B0005	●	
Silver ▢	83210 AP-683-500-01	2TMA070020S0006		●
	83210 AP-683-500-02	2TMA210050S0004	●	

Audio handset
Handset indoor station with 3 or 6 buttons.

- 1 easy pushbutton for unlock, and 2 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, doorbell, intercom or guard unit
- The activating or deactivating of automatic unlock can be made by simply pressing the
  unlock button for 10 seconds
- Type of installation: SM
- Dimensions: 175 x 81 x 22 mm / 6.9 x 3.2 x 0.9 inch

Version	Article no.	Order no.	EU (excluding DE, CH)	RU, USA, others (excluding CN)
3 buttons	M22002-W	2TMA070020W0054		●
	M22002-W-02	2TMA210050W0001	●	
3 buttons with induction loop	M22003-W	2TMA070020W0062		●
	M22003-W-02	2TMA210050W0002	●	
6 buttons	M22001-W	2TMA070020W0063		●
	M22001-W-02	2TMA210050W0003	●	

Handset with induction loop
- Suitable for audio handset indoor station with induction loop and 4.3" video handset
  indoor station with induction loop
- 144 x 53 x 23 mm / 5.7 x 2 x 0.9 inch

Article no.	52303HS-W
Order No.	2TMA070020W0065

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Door entry system
ABB-Welcome IP - Video indoor stations - comparision

IP touch 10" and IP touch 7"
The stylish multifunctional IP touch panel fits elegantly into any interior. Thanks to its intuitive design, the IP touch panel will display everything that is happening in front of your door. In addition, the panel can be a centralized screen for other ABB sub-system, like CCTV, access control and home automation.

Shared features:
- Extension to App without additional system device
- Central control panel to DES, Surveillance, Home automation (KNX &free@home)
- Cyber security and data privacy
- Clean & consistent design with invisible mic & speaker hole• Slim thickness with 7.8 mm when flush mounted
- Color, material, End trip & mounting type selectable
- Easy installation in all kind of walls
- Easy commissioning by QR code scanning or central PC management software
- PoE and local power supply optional
- Remote firmware update
- PoE in all the versions

		IP touch 10	**IP touch 7**
Technical features	Audio		
	Video	●	●
	Touch screen	●	●
	Display size	10"	7"
	Induction loop	●	●
	KNX controls	Max. **8 pages** Max. **100 control frames** total	Max. **8 pages** Max. **64 control frames** total
	free@home controls	Max. **4 pages** Max. **100 control frames** total	Max. **4 pages** Max. **64 control frames** total
Mounting type	Flush mounting	●	●
	Surface mounting	●	●
	Desktop mounting		
	Cavity wall set		
Other features	Image history list	●	●
	Cyclical surveillance	●	●
	ABB Welcome APP integration	●	●
	Manual call	●	●
	Room to room call	●	●
	Home to home call	●	●
	Call guard unit	●	●
	Variable ringtone	●	●
	Power supply	Both PoE and direct local	Both PoE and direct local
	Firmware remote update	●	●
	Inbuilt IP-Gateway	●	●
	SD card		
	Automatic unlock function	●	●

Door entry system
ABB-Welcome IP - Video indoor stations

IP touch 10

- Intuitive GUI on sliding screen (1024 x 600 px)
- Dustproof and waterproof as IP30
- Type of installation: SM or FM - depending on the version
- Induction loop in all the versions
- Stainless steel end strip
- Dimensions (LAN + LAN): 251 x 185 x 30 mm / 9.9 x 7.3 x 1.2
- Dimensions (LAN + WiFi): 251 x 185 x 17 mm / 9.9 x 7.3 x 0.7

			Version	Black ■	White □	Flush Mounting (FM)	Surface Mounting (SM)
🔌	+	🔌	Article no. Order no.	H8237-5B 2TMA130050B0055	H8237-5W 2TMA130050W0055	●	
🔌	+	🛜	Article no. Order no.	H8237-4B 2TMA130050B0054	H8237-4W 2TMA130050W0054	●	●
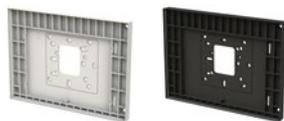
Surfece-mounted box for IP touch panel10"
Mounting of IP Touch 10" on the wall
- For surface-mounted installation of indoor station
- The product is packed with accessories to ensure qualified installation
- Dimensions: 251 x 184 x 14 mm / 9.9 x 7.2 x 0.5 inch

Version	White □	Black ■
Article no. Order no.	42371S-W 2TMA130161W0001	42371S-B 2TMA130161B0001

Flush-mounted box & Pre-installation box for IP touch 7"&10"
Flush-mounted box and Pre-installation box for IP 7&10 inch video indoor station
- 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
- Dimensions: 194 x 145 x 55 mm / 7.6 x 5.7 x 2.2 inch, 2 boxes together

Article no.	42361F
Order no.	2TMA130160B0132

—

Door entry system
ABB-Welcome IP - Video indoor stations

IP touch 7

- Intuitive GUI on sliding screen (1024 x 600 px)
- Dustproof and waterproof as IP30
- Type of installation: SM or FM - depending on the version
- Induction loop in all the versions
- Stainless steel end strip
- Dimensions (LAN + LAN): 199 x 150 x 30 mm / 7.8 x 5.9 x 1.2
- Dimensions (LAN + WiFi): 199 x 150 x 17 mm / 7.8 x 5.9x 0.7

		Version	Black ■	White ▫	Flush Mounting (FM)	Surface Mounting (SM)
🔌	+ 🔌	Article no. Order no.	H8236-5B 2TMA130050B0067	H8236-5W 2TMA130050W0067	●	
🔌	+ 📶	Article no. Order no.	H8236-4B 2TMA130050B0065	H8236-4W 2TMA130050W0065	●	●

Surfece-mounted box for IP touch panel 7"
Mounting of IP Touch 7" on the wall
- For surface-mounted installation of indoor station
- The product is packed with accessories to ensure qualified installation
- Dimensions: 197 x 148 x 13 mm / 7.7 x 5.8 x 0.5 inch

Version	White ▫	Black ■
Article no. Order no.	42361S-W 2TMA130160W0017	42361S-B 2TMA130160B0080

Flush-mounted box & Pre-installation box for IP touch 7" & 10"
Flush-mounted box and Pre-installation box for IP 7&10 inch video indoor station
- 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
- Dimensions: 194 x 145 x 55 mm / 7.6 x 5.7 x 2.2 inch, 2 boxes together

Article no. Order no.	42361F 2TMA130160B0132

—

Door entry system
ABB-Welcome IP - Audio indoor station

ABB-Welcome IP audio indoor statio
Audio IP
Handset indoor station with 6 buttons
- Big 4 preset operation button with unlock, intercom, light switch, mute function and 2 additional customizable buttons via SmartAP
- 2 LEDs to indicate different working status
- Max-mid-mute volume adjuste on the side
- 4 ringtones that coult be selected for different call sources via SmarAP
- Room 2 Room and Home 2 Home
- Support induction loop
- Type of installation: SM
- Dimensions: 175x81x22 mm / 6.9x3.2x0.9 inch

H82001-W Audio IP

Version	White ▢
Article no.	H82001-W
Order no.	2TMA130011W0001

—

Door entry system

ABB-Welcome - System devices

System controller
- Two version available: Standard system controller & mini 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
- Dimensions (standard version): 90 x 72 x 65 mm / 3.5 x 2.8 x 2.5 inch
- Dimensions (mini version): 90 x 72 x 65 mm / 3.5 x 2.8 x 2.5 inch

Version	Standard 1.2A output, MDRC 8U, with lower consumption in "one on" mode
Article no.	M2300-101
Order no.	2TMA210161W0001
Pack Qty	1/10

Version	Mini 0.65A output, MDRC 4U, with lowerconsumption in "one on" mode
Article no.	M2301-101
Order no.	2TMA210161W0002
Pack Qty	1/10

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
- Dimensinos: 90 x 72 x 65 mm / 3.5 x 2.8 x 2.6 inch

Article no.	M2302
Order no.	2TMA070060W0006
Pack Qty	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
- 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
- Dimensions: 90 x 180 x 65 mm / 3.5 x 7 x 2.5 inch

Article no.	83342-500-01
Order no.	2TMA020060H0008
Pack Qty	1/24

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Door entry system

ABB-Welcome - System devices

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
- Dimensions: 90 x 72 x 65 mm / 3.5 x 2.8 x 2.5 inch

Article no.	53001DR
Order no.	2TMA070150H0001
Pack Qty	1/10

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
- Dimensinos: 77 x 61 x 25 mm / 3 x 2.4 x 1 inch

Article no.	83327-500-01
Order no.	2TMA070150B0007
Pack Qty	1/18

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)
- Dimensions: 45 x 45 x 26 mm / 1.7 x 1.7 x 1 inch

Article no.	M2304
Order no.	2TMA070070B0006
Pack Qty	1/18

Video outdoor distributor

- Used for buildings with more than 1 outdoor station
- 2-way inputs are connected to different outdoor stations
- Dimensions: 90 x 36 x 65 mm / 3.5 x 1.4 x 2.5 inch

Article no.	83325/2-500-01
Order no.	2TMA020070N0011
Pack Qty	1/20

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
- Dimensions: 42 x 15 x 14 mm / 1.6 x 0.6 x 0.6 inch

Article no.	55001BC
Order no.	2TMA070180N0012
Pack Qty	1/10

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Door entry system

ABB-Welcome - System devices

Switch actuator

- This compact device has 3 working modes: extend door bell, door opener and time relay
- Local pushbutton 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)
- Dimensions: 51 x 51 x 29 mm / 2 x 2 x 1.1 inch

Article no.	M2305
Order no.	2TMA070150B0006

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)
- Dimensinos: 144 x 198 x 45 mm / 5.6 x 7.8 x 1.7 inch

Article no.	M2303
Order no.	2TMA070030W0007
Pack Qty	1/15

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
- Dimensions of relay mode: 216 x 110 x 45 mm / 8.5 x 4.3 x 1.7 inch
- Dimensions of M adaptor: 90 x 72 x 65 mm / 3.5 x 2.8 x 2.5 inch

Version	Relay module	M adaptor (2 functions: PC adaptor and lift control module)
Article no.	M2307	M2306
Order no.	2TMA070150N0044	2TMA070100N0001
Pack Qty	1/30	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
- Dimensions: 90 x 180 x65 mm / 3.5 x 7 x 2.5 inch

Article no.	M2308
Order no.	2TMA210160N0003
Pack Qty	1/24

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Door entry system
ABB-Welcome - System devices

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)×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. iIlumination (Day): 0.1 Lux @ F2.0
- Min. iIlumination (Night): 0 Lux @ F2.0
- Video signal: 1 x CVBS, 1Vpp, 75 Ohm (BNC)
- White Balance: AWB, 1 800 K – 10 800 K
- Lens: 2.8-12 mm (manually adjustable for video camera & dome camera); 3.6 mm (fixed for mini dome camera)
- IR Range: 50m (video camera), 40m (dome camera), 30m (mini dome camera)
- Input Voltage: DC 12 V +/- 10%
- Dustproof and waterproof as IP 66
- Dimensions Video camera: 286 x 86 x 77 mm / 11.3 x 3.4 x 3 inch
- Dimensions Dome camera: 130 x 119 x 104 mm / 5.1 x 4.7 x 4 inch
- Dimensions Mini dome camera: 105 x 94 x 83 mm / 4.1 x 3.7 x 3.3 inch

Version	Video camera	Dome camera	Mini dome camera
Article no.	83550/1-500-01	83550/2-500-01	83550/3-500-01
Order no.	2TMA210160N0006	2TMA210160N0007	2TMA210160N0008
Pack Qty	1/4	1/12	1/12

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Door entry system
ABB-Welcome IP - System devices
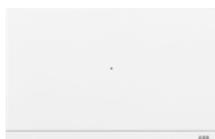
Smart Access Point Pro

A central management device of AccessControl and Welcome IP, it can couple as sub-system, and also manage interworking of multiple sub-system of same type. Commissioning and remote control is executed via web interface. No additional commissioning software is required. Connection to the network via WLAN client mode or via CAT cable to manage all your access, configure all your devices, record your logs, etc.

• Easy to commissioning
• Access rights for full management
• Enhanced security with record event log and receive notification and alert
• Manage all connected devices
• Interaction between different systems
• Manage welcome App
• Event management and building-wide messaging
• Integrated chimey, easy for retrofit
• In-build BLE, the best choice for standalone AC system
• Dimensions: 204 x 132 x 32 mm / 8 x 5.2 x 1.25 inch
• Network parameter:
  - Operating mode:
    LAN/Wireless access point
  - Wireless transmission band:
    IEEE 802.11 a/b/g/n 2.4 GHz/5.8 GHz
  - Safety standard: WPA-PSK, WPA2-PSK, WPA, WPA2, IEEE 802.1x
  - Network connection standard:
    10 / 100 Mbps, auto MDI/MDI-X
• Radio interface: IEEE 802.15.4 2.4GHz radio
• Power supply:
  - 24VDC, together with ABB power adaptor
  - PoE(Power over Ethernet)
• Environment:
  - Temperature: -10 °C to +45 °C
  - Protection type: IP30
  - Vandal proof: IK07
  - Humidity: 0 to 95%, non-condensing

Article no.	D04011
Order no.	2TMA400260W0002

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Door entry system
ABB-Welcome IP - System devices

IP elevator module

The Elevator Controller and Relay Module System, once configured within the Welcome IP Network, provides an effective interface to allow Welcome IP indoor stations and outdoor stations to communicate with the elavators within the building, by triggering the elevators' call and by authorizing visitors and residents to access the correct building's floor.

Ease & Simplicity - Extremely simple configuration with the Welcome IP Smart Access Point pre-configured and semi-automatic setting to simplify the configuration process; Security - The device, once installed, helps preventing unauthorized users from entering the elevator, while the Welcome IP's strict cyber security rules for cloud sever service, guarantee that the system is protected ans safe to use.

- Apartment to apartment elevator call/authentication
- Integrated IS, OS and APP calling set up
- Cyber security & remote update
- Parameters can be configured by Smart Access Point, easy and simple via a 3 setting modes (Pre-Configured, Semi-automatic, Manual)
- Maximum security and privacy for an IP based device
- Remote firmware update (through Smart Access Point

Version	Elevator controller	Realy module
Article no.	H8308	M2307
Order no.	2TMA130161W0003	2TMA070150N0044

Door entry system
ABB-Welcome IP - System devices

Guard unit
The guard unit with desk-top design provides access to various services using the intuitive icon menu on the touch screen. Communication is possible with IP touch panel, outdoor station and other guard unit.
• Support to establish surveillance to outdoor station or IP camera
• Intercept to increase the security and service
• Support to release all doors or dedicated doors in case of emergency
• Receive the alarm and panic call (SOS) from IP touch panel
• Dimensions: 265 x 165 x 117 mm / 10.4 x 6.5 x 4.6 inch

Article no.	H8303
Order no.	2TMA130160W0018

Inerface module for LAN + RS485 + 11 alarm zones
Interface module use to extend LAN port, RS485 port, and alarm zones
• LAN port for private and public network
• Channels relay output
• 1 channel 485 output
• 12 V DC, 200 mA output
• Dimensions: 82 x 60 x 17 mm / 3.2 x 2.4 x 0.7 inch

Article no.	52361EX
Order no.	2TMA130160B0136

IP actuator (LAN port)
Connecting electrical door opener or hall light directly
• Easy to adjust the switching duration of unlock or the switching of light
• Dimensions: 90 x 70 x 65 mm / 3.5 x 2.7 x 2.5 inch

Version	Grey ■
Article no.	H8304
Order no.	2TMA130160H0051

24 VDC mini Power adaptor
Power adaptor supplies the power for IP touch panels and Welcome IP Access Point Pro
• Provide stable power supply input
• Dimensions: 44 x 72 x 60 mm / 1.7 x 2.8 x 2.4 inch

Version	includes plug-adaptors for EU, UK, US, CN, AU
Article no.	53012PS
Order no.	2TMA130160W0024

Power supply
Power adpator suppliers the power for system devices
• 27 V DC, 81 W
• Support over voltage, over current, over-heat and short-circuit protection
• Dimensions: 178 x 90 x 65 mm / 7 x 3.5 x 2.5 inch

Version	includes plug-adaptors for EU, UK, US, CN, AU
Article no.	YSM01-PS
Order no.	2TMA130160H0085

Door entry system

ABB-Welcome/ABB-Welcome IP - Accessories

ID card
- 125 KHz
- ISO18000-2

Version	Proximity key fob	Proximity badge
Article no.	51021F-L	51021B
Order no.	2TMA070180L0001	2TMA070180N0002

IC card
- 13.56 MHz
- ISO14443A

Proximity key fob	Yellow ■	Red ■	Blue ■
Article no.	51022F-Y	51022F-R	51022F-L
Order no.	2TMA070180Y0001	2TMA070180R0001	2TMA070180L0002

New Proximity key fob
- Dimensions: 201 x 131 x 70 mm / 7.9 x 5.1 x 27 inch

Version	ID card, white ■	ID card, black ■	IC card, white ■	IC card, black ■
Article no.	51023F-W	51023F-B	51024F-W	51024F-B
Order no.	2TMA070180W0001	2TMA070180B0001	2TMA070180W0002	2TMA070180B0002

New ID/IC stickers
- Dimensions: 25 x 25 x 0,6 mm / 1 x 1 x 0.02 inch

Version	ID sticker	IC sticker
Article no.	51021S	51022S
Order no.	2TMA070180N0033	2TMA070180N0034

Proximity badge, IC card
- Dimensions: 40 x 31 x 5 mm / 1.6 x 1.2 x 0.2 inch

Article no.	83173-500-01
Order no.	2TMA070180N0027

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

Article no.	83161-500-01
Order no.	2TMA070180N0011

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Door entry system
ABB-Welcome/ ABB-Welcome IP - Accessories

Labelling sheet, A4
- Quality labelling sheet for nameplate
- Easy to be printed and cut
- Waterproof
- Size 2/5, 210 x 297 mm / 8.2 x 11.7 inch

Version	A4	1/3 height, A4	1/4 height, A4	for roundpush button module, A4
Article no.	51021L	51022L	51023L	51024L
Order no.	2TMA070180N0004	2TMA070180N0005	2TMA070180N0006	2TMA070180N0010
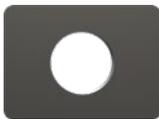
Cushion set for surface-mounted installation
Spare part for surface mounting when the installation cable lay on the wall
- Easy to install
- Dimensions: 15 x 10 x 5 mm / 0.6 x 0.4 x 0.2 inch

Article no.	52311C
Order no.	2TMA210160W0001

Joining fixture
Joining fixture used when more than one flush mounted box needs to be connected together
- Easy to integrate mounting boxes together
- Dimensions: 120 x 83 x 80 mm / 4.7 x 3.3 x 3.1 inch

Article no.	51381J
Order no.	2TMA130160B0124

Mounting tool
The mounting tool use to dismoute the outdoor station
- Easy to install and removal end strip
- Dimensions: 165 x 14 x 26 mm / 6.5 x 0.5 x 1 inch

Article no.	51381MT
Order no.	2TMA130160B0025

Outdoor station End-strip
End-strip for outdoor station cover frame
- Easy to install and replace
- Size 1 dimensions: 135 x 19 x 16 mm / 5.3 x 0.7 x 0.6 inch
- Size 1 dimensions: 235 x 19 x 16 mm / 9.2 x 0.7 x 0.6 inchh

Version	Size 1	White	Stainless steel
Article no.		51381EP-W	51381EP-S
Order no.		2TMA130160W0001	2TMA130160X0002
Version	Size 2	Stainless steel	Aluminum
Article no.		51382EP-S	51382EP-A
Order no.		2TMA130160X0003	2TMA130160A0023

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Door entry system

ABB-Welcome - Accessories

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
- Dimensions: 120 x 80 x 10 mm / 4.7 x 3.1 x 0.4 inch

Version	for audio handset indoor station	for 4.3" video handset indoor station
Article no.	52001J	52301J
Order no.	2TMA070180N0008	2TMA070180N0007
Pack Qty	1/10	1/10

Cavity wall set
- For cavity wall mounting of the flush-mounted wall box
- For outdoor station and 4.3" video hands-free
- Dimensions: 120 x 80 x 10 mm / 4.7 x 3.1 x 0.4 inch

Article no.	51021CS
Order no.	2TMA070180N0001
Pack Qty	1/18

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Door entry system

ABB-Welcome - Family home video kits

		Mini video outdoor station, 1 pushbutton, aluminum, with ID card reader		Including:	
		Video Indoor Station 7" Touch		• Mini system controller	
				• Proximity key fob, ID card, white	
				• Proximity key fob, ID card, black	
				• Pre-installation box with FM version	

	Non EU		**EU**	
Version	**SM**	**FM**	**SM**	**FM**
Article no.	M20421	M20422	M20421-02	M20422-02
Order no.	2TMA220310N0002	2TMA220310N0004	2TMA220310N0003	2TMA220310N0005

		Mini video outdoor station, 1 pushbutton, aluminum, with ID card reader	Including:
		Video Indoor Station 7"	• Mini system controller
			• Proximity key fob, ID card, white
			• Proximity key fob, ID card, black

Version	**SM**	**FM**
Article no.	M20491	M20492
Order no.	2TMA220301N0001	2TMA220311N0002
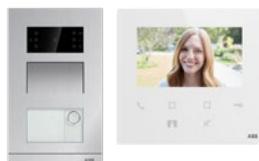
		Mini video outdoor station, 1 pushbutton, aluminum, with ID card reader	Including:
		Video Indoor Station 4.3", Wi-Fi, white	• Mini system controller
			• Proximity key fob, ID card, white
			• Proximity key fob, ID card, black
			• Pre-installation box with FM version

Version	**SM**	**FM**
Article no.	M20481	M20482
Order no.	2TMA210311N0002	2TMA210311N0003

		Mini video outdoor station, 1 pushbutton, aluminum, with ID card reader, surface-mounted installation	Including:
		Basic 4.3", hand-free indoor station, white, with induction loop	• Mini system controller
			• Proximity key fob, ID card, white
			• Proximity key fob, ID card, black
			• ID sticker

Version	**Non EU**	**EU**
Article no.	M20363	M20363-02
Order no.	2TMA070140N0061	2TMA210310N0020

| | | Mini video outdoor station, 1 pushbutton, aluminum, with ID card reader, surface-mounted installation | Including: |
| | | Basic 4.3" video hand-free indoor station, white | • Mini system controller |

Version	**Non EU**	**EU**
Article no.	M20361	M20361-02
Order no.	2TMA070140N0060	2TMA21310N0018

| | | Mini video outdoor station, 2 pushbutton, aluminum, surface-mounted installation | Including: |
| | | 2 x Basic 4.3" video hand-free indoor station, white | • Mini system controller |

Version	**Non EU**	**EU**
Article no.	M20362	M20362-02
Order no.	2TMA070140N0079	2TMA070140N0087

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Door entry system

ABB-Welcome - Family home video kits

• Audio outdoor station, 1 pushbutton, aluminum, flush-mounted installation • Audio handset indoor station, 3 buttons, white	Including: • Mini system controller • Flush-mounted box	

Article no.	M20021
Order no.	2TMA210311N0004

• Video outdoor station, 1 button, aluminum, flush-mounted installation • 4.3" color video handset indoor station, white	Including: • Mini system controller • Flush-mounted box	

Article no.	M20441
Order no.	2TMA210311N0005

• Video outdoor station, 1 button, aluminum, flush-mounted installation • 4.3" video hands-free indoor station, white	Including: • Mini system controller • Flush-mounted box	

Article no.	M20451
Order no.	2TMA210311N0006

• Video outdoor station, 1 button, aluminum, flush-mounted installation • 7" video hands-free indoor station, white	Including: • Mini system controller • Flush-mounted box	

Article no.	M20461
Order no.	2TMA210311N0007

• Video outdoor station, 1 button, aluminum, flush-mounted installation • Video Indoor Station 4.3", Wi-Fi, white	Including: • Mini system controller • Flush-mounted box	

Article no.	M20471
Order no.	2TMA210311N0001

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Notes