



Welcome to new possibilities

Discover a smarter life of door entry communication, access control and home and building automation.



- ABB-Welcome
- ABB-Welcome IP

Your home is an expression of yourself. With ABB Door Entry and Access Control Systems, your personal style is enhanced by its innovative technology. ABB Door Entry and Access Control System is more than just a door entry system. It's the future of building & home automation monitoring and security at your fingertips. Thanks to this solution, your buildings will be more smart, flexible and secure.

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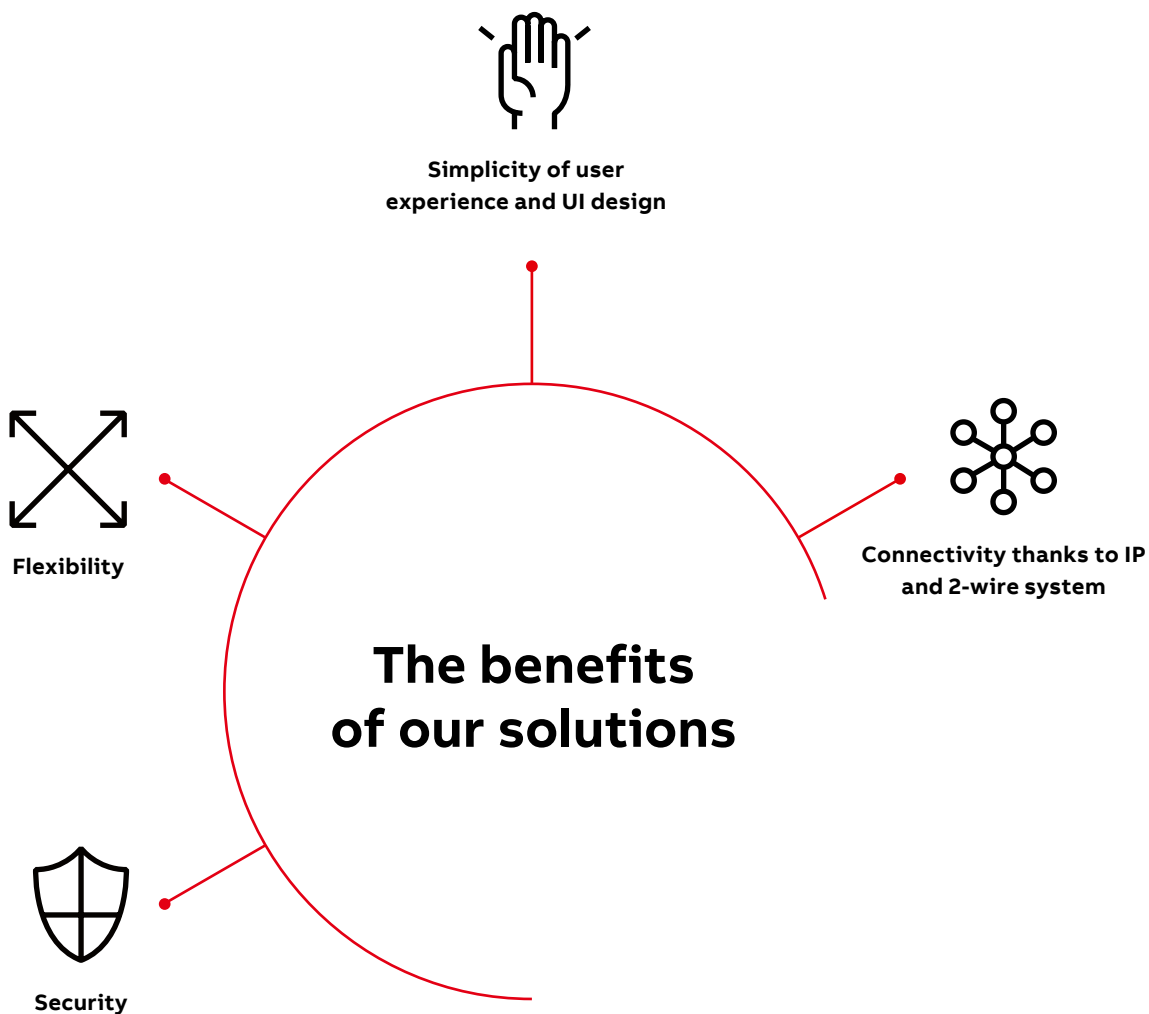
SYSTEMS

057–066 **ABB-Welcome IP**

067–082 **Catalogue
ABB-Welcome IP**

Values & Benefits of our systems

Everyone deserve enjoying a smarter home and as ABB we simplify, make people's lives more comfortable and safer.





Security

Values & Benefits



Physical, concrete 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. 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. In ABB-Welcome IP, we protected all the communications among all the devices and

the cloud. 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.



ABB-Welcome

In ABB-Welcome all the communication from the panels toward the cloud use these technologies



ABB-Welcome IP

In ABB-Welcome IP, we protected all the communications among all the devices and the cloud.

Flexibility

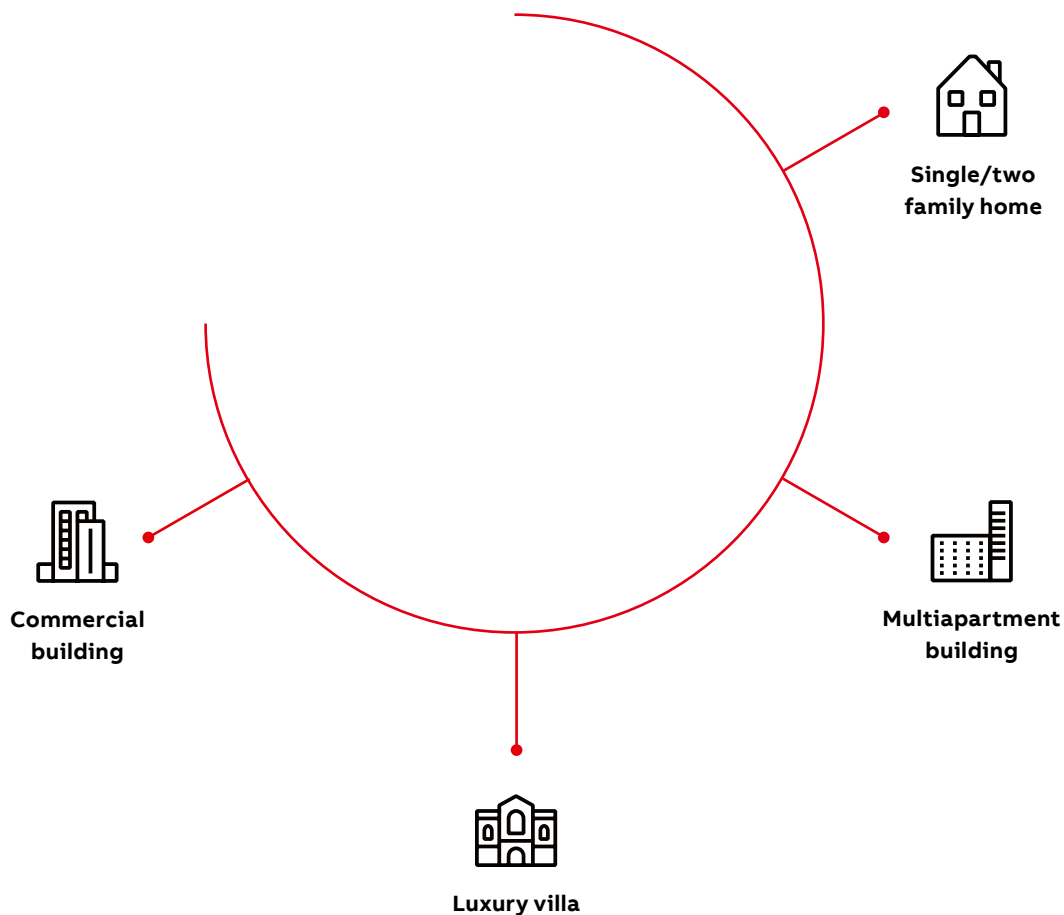
Values & Benefits

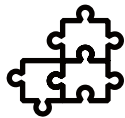
Customized solutions for complete building automation, in commercial, public, and privately used buildings.



Buildings application

The combination of the 2-wire and IP system makes ABB's proposal wide and varied enough to satisfy every type of residence for every door entry and access control needs.

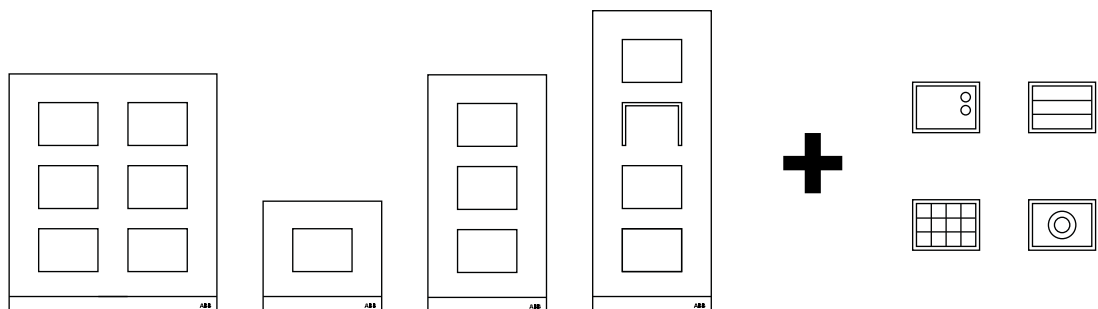




Modularity

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

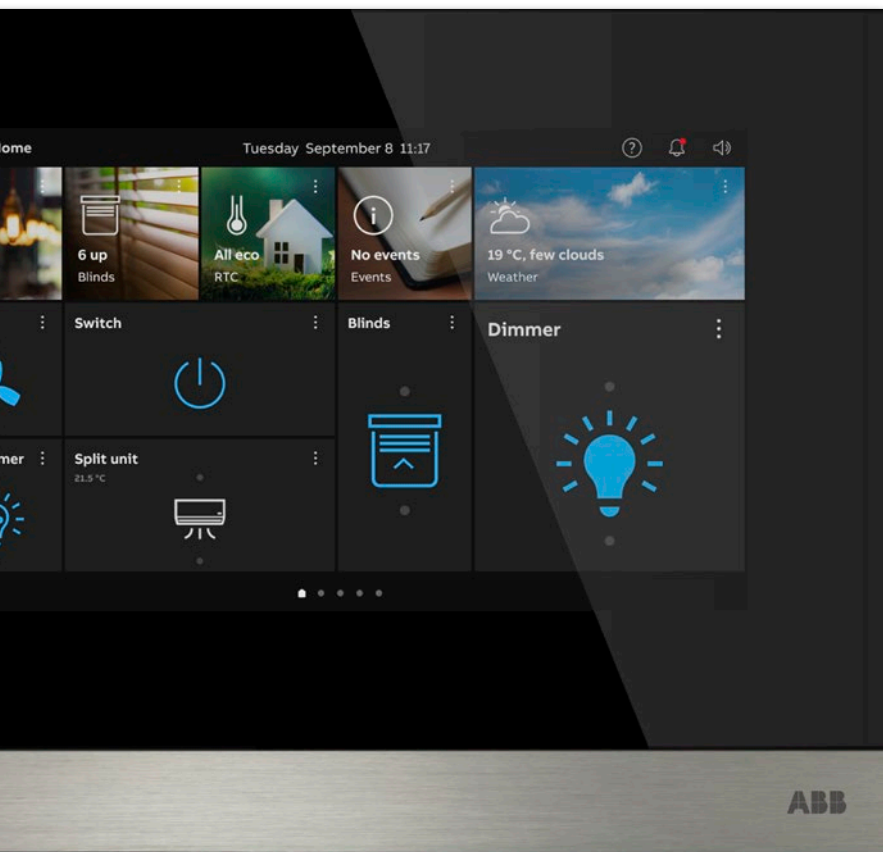
to create the desired solution according to the requirements of the builder, architect, installer and the aesthetic taste of the owner. With this approach the modular outdoor station fits all type of buildings.



Simplicity

Values & Benefits

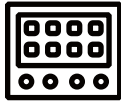
The real genius of this highly sophisticated system that can help users to easily set up their own solution. Also the smart UI design that can make users feel ease of use even this is their first time to manipulate the system.



**Installing &
commissioning
simplicity**

Setting up your ABB-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 scanning 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!



User interface

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.



Connectivity

Values & Benefits

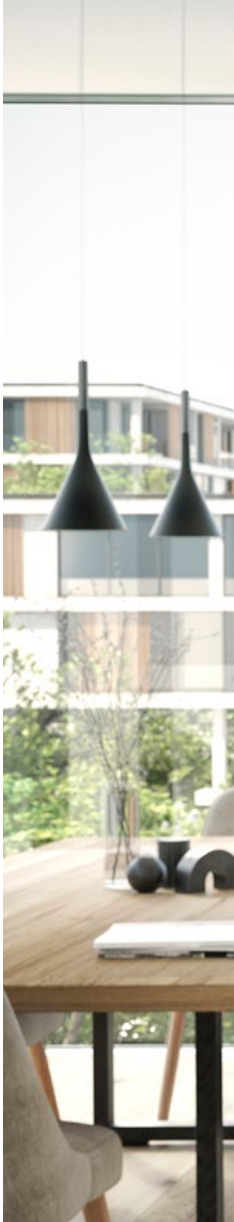
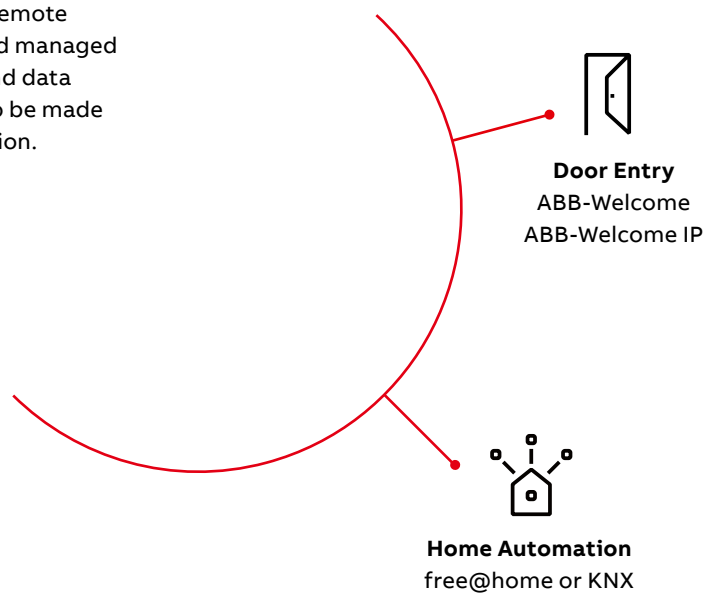
No matter where you are, your home is always be connected with your app or smart home ecosystem. Every area of the house can be remotely controlled. This helps users to get access to system from everywhere.



APP

You can answer and open the door remotely via the ABB-Welcome App. The App is a cloud based integrated platform working with both iOS and Android. It allows you to use your smartphone or tablet managing the calls from IP Touch panel, from all other 2-wire panel with the IP gateway 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.





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.

Highlights

Values & Benefits

ABB offers a complete range of door entry and access control products to create the most suitable solution for any application. No matter where you are, you can easily grasp the status of your home. With a simple tap on the mobile app, you can control your smart devices at will. Compatible with third-party devices, your smart life is limitlessness expandable. Enjoy a new experience of comfort and safety, making life even better. Easy installation and convenient operation make smart home technology accessible to all!

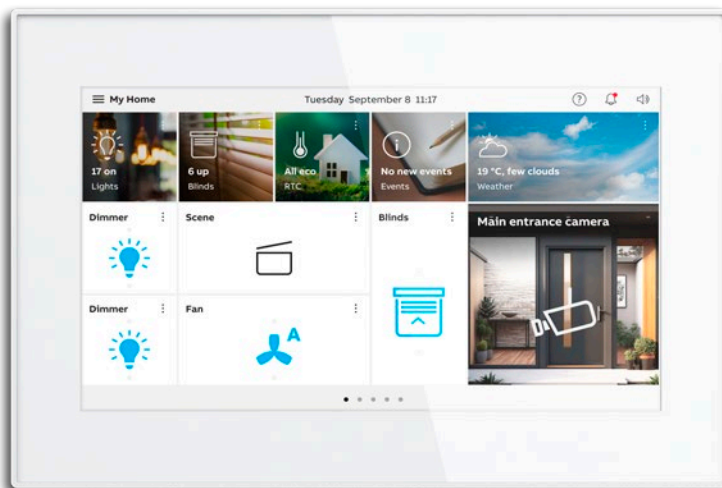




OneTouch

Smart People do Smart Homes with OneTouch

Transform your living space into a smart home with a product designed for seamless integration and future-proof expansion. Begin effortlessly with the integrated System Access Point, enjoy the freedom of ABB-free@home® wireless technology, and easily expand your smart home capabilities without compromising your walls or home aesthetics.



OneTouch uniquely features an integrated System Access Point, enabling effortless connection to ABB door entry systems, ABB-free@home® wireless devices, and Matter-enabled devices, all in a single panel. It can also be connected to an ABB-free@home® wired system to control it. This integration enables you to centrally and remotely manage all your smart home features: door answering, lighting, blinds and more.

OneTouch integrates with all our Smart Home and Door communication systems, including 2-wire setups and upcoming IP systems, enabling you to enhance your smart home capabilities and gain more comprehensive control.


Explore the potential of seamless home automation with OneTouch. Whether you're a homeowner or an installer, OneTouch serves as the perfect starting point to embark on a smart home adventure.


5 GHz + 2.4 GHz


ABB-Welcome
ABB-Welcome IP

Q1 2025


Wireless Access
Point


Integrated
Thermostat

 matter
Compatible



Excellent wireless experience

Equipped with state-of-the-art Wi-Fi connectivity that supports both 5 GHz and 2.4 GHz, ABB OneTouch is the ultimate panel for answering your door both locally and remotely from your mobile devices.



The first step into a Smart Home

Start small, but think big. Begin with door entry and extend it with ABB-free@home® wireless or Matter. OneTouch can also be connected to a free@home wired system to control it.



Your home is always under your control

With our ABB-free@home® Next App, you gain complete control over your home from a single location. Configure and manage your entire home with ease. You can even answer your door call from anywhere, ensuring that you never miss an important visitor.



Easy to install

It can be easily installed by smart installers and customized directly by users. What's more, it can be effortlessly expanded without causing any damage to the walls, thanks to the innovative ABB-free@home® wireless/flex technology.



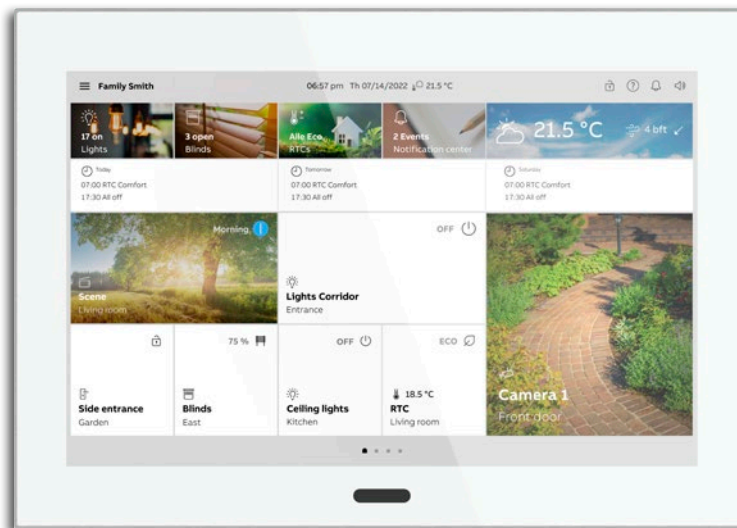
Outstanding design

Equipped with the best technologies to ensure excellent color reproduction, wide viewing angle, and a responsive display experience, OneTouch boasts a slim design, just 10mm deep when flush mounted, and is available in classic white and black colors. This elegant panel also showcases our newly developed UX interface, for a more intuitive user experience.

ABB SmartTouch® 10"

Welcome | Elegant central control

ABB SmartTouch® 10" combines smart building automation ABB i-bus® KNX or ABB-free@home®, and ABB-Welcome door communication in one device, providing central monitoring and control of your smart building devices. Choose to interact with the elegantly designed 10" IPS screen with 1280 × 800 resolution or via the ABB-free@home® app to access controls from anywhere in your building.



**Maximum
convenience
and security**



Ready when you are

Providing up to 450 control elements
ABB SmartTouch® 10" for any extension
of your smart building installation.



Stylish new addition to your home

The 14 mm thin design in 4 colors of the
ABB SmartTouch® 10" offers a stylishly
attractive appearance, whether installed
flush-mounted or surface-mounted.



reddot award
product design 2022



reddot winner 2022
interface design



UX
DESIGN
AWARDS

nominated
2022



GERMAN
INNO
VATION
AWARD '22
WINNER





Our systems

Smarter design of living space

Whether you are moving to a new place, built a new house or undergoing a home renovation. We offer different systems that will help you to make your home more comfortable, valuable and smarter.

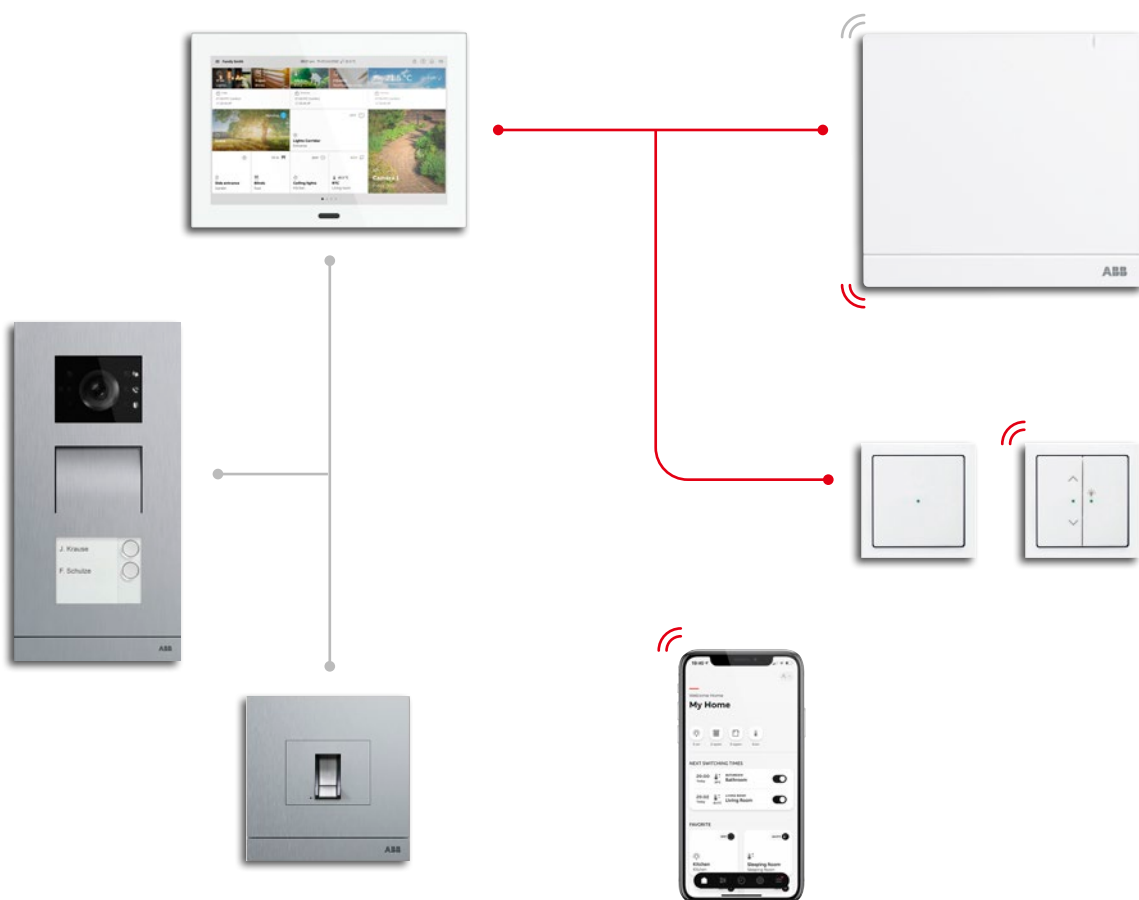


ABB-free@home® is tailored especially to the requirements of smarter residential buildings and is ideally suited both for new buildings and renovation projects. Blinds, lights, heating, air-conditioning or door communication are easy to control and can be regulated to your personal requirements. The functions can be applied both individually and in combination with others. This means that you can determine the type and the number of functions you wish to control intelligently in the future. You also have the option of retrofitting desired functions at a later point in time. The ABB SmartTouch® 10" shown in the picture can be used to manage the free@home system in combination with Welcome 2-wire.



ABB i-bus® KNX is suitable especially as a solution for new construction in which a high-performance, future-proof and extensible system can be installed. As a global standard, ABB i-bus® KNX is especially flexible: The system offers a constantly growing diversity of modules and can therefore be extended without limits. All functions can also be adapted at a later point in time. The IP Touch in the picture manages both the Welcome IP system and the ABB i-bus KNX system.



While our ABB-Welcome door communication system is available as an individual solution, it can also be flexibly combined with ABB-free@home® or ABB i-bus® KNX, thanks to IP Touch for the IP system and SmartTouch panel for the 2-wire one.

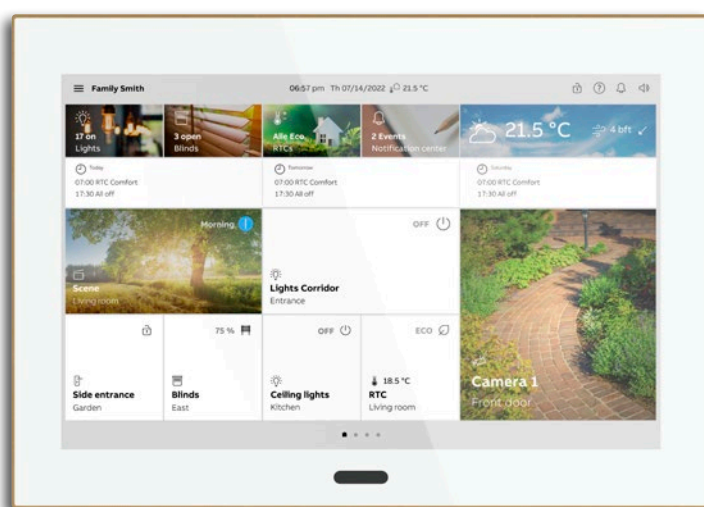


ABB SmartTouch® 10"



2-wire system



ABB-free@home®



ABB-i-bus® KNX



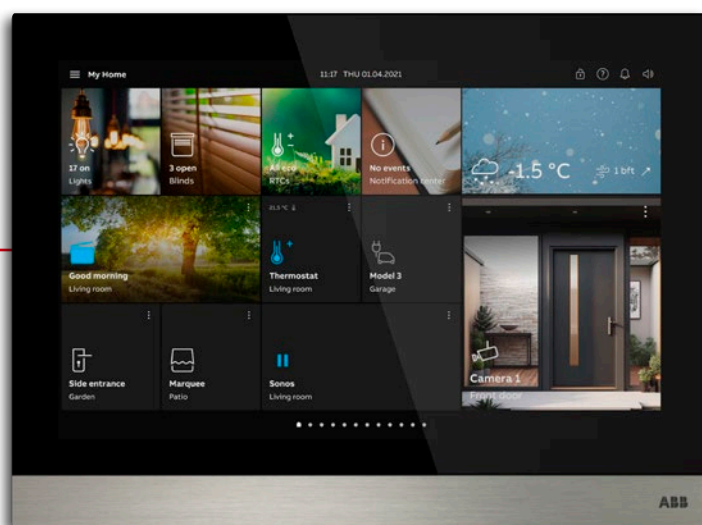
IP system



ABB-free@home®



ABB-i-bus® KNX



IP Touch 10



One App, many applications

Answer your door and control all your smart home devices, together on just one App. The ABB-free@home® Next App is available both for iOS and Android, with a redesigned UI to improve your experience. It allows you to use your smart phone or tablet to receive door entry calls, manage your smart locks, charge your electrical vehicle as well as control your lights and blinds, locally or remotely. 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.

Simple control of all smart home devices in one App



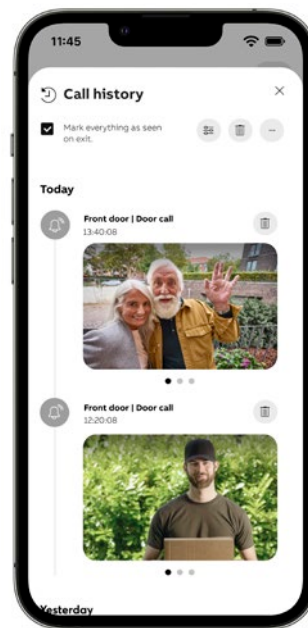
**Smart Home at
your fingertips**



**Answer door
calls remotely**



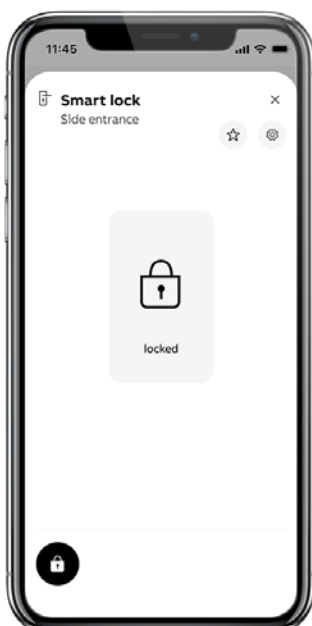
**Access to video
call history**



Also direct access to end-to-end
customer support



Open your
smart lock



Control your
EV charger



Set lights to your
favorite color

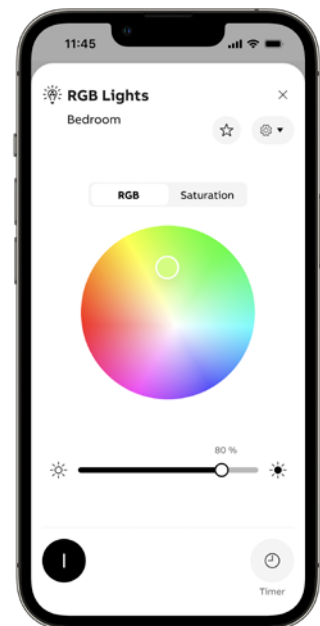
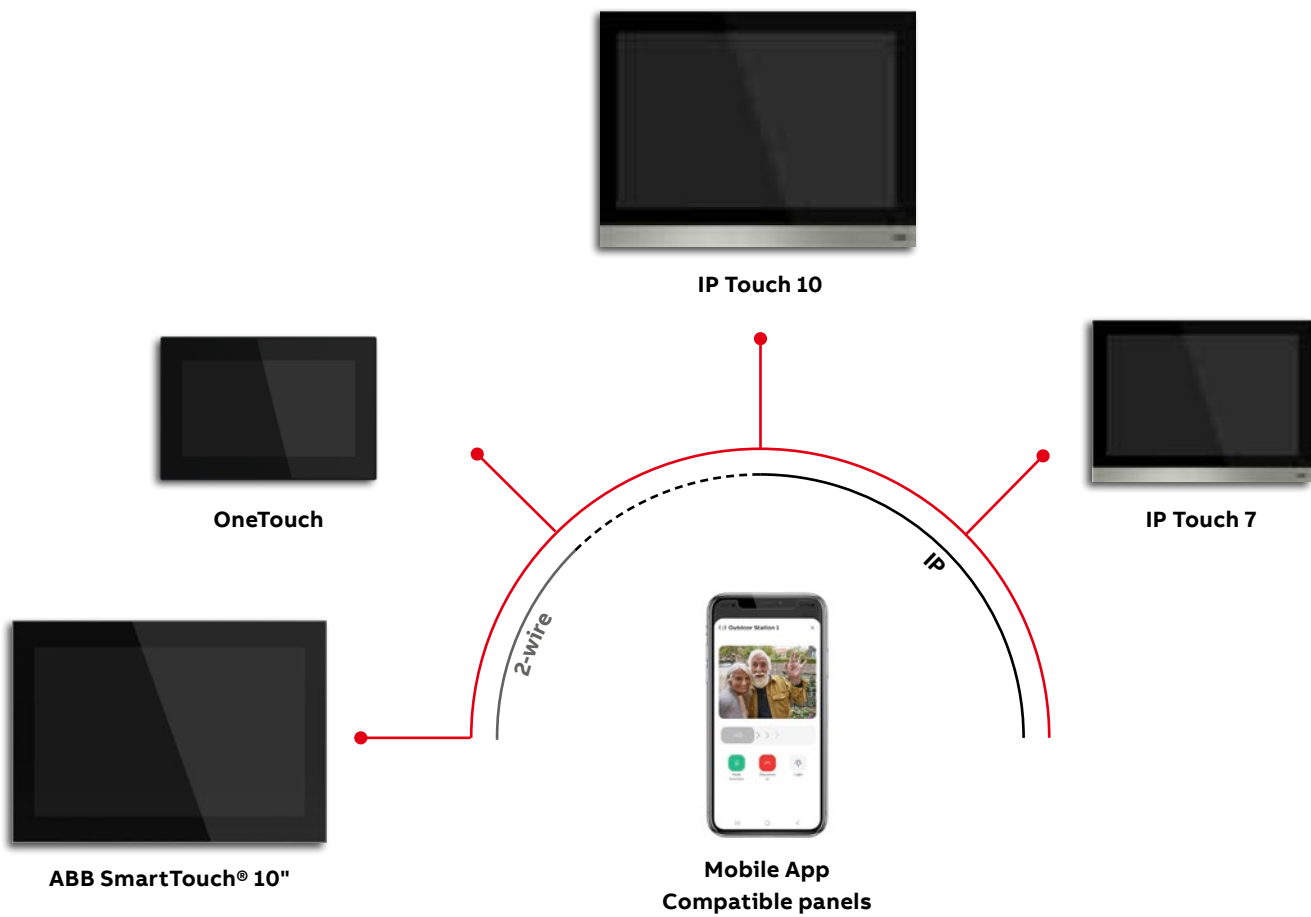


ABB-Welcome App

The ABB-Welcome App is available for all ABB-Welcome IP devices and also for 2-wire devices with connectivity.





IP Gateway

IP Gateway allows all other 2-wire panels to be connected to the Welcome App.



MyBuildings Portal

Digital services

Our Digital Services are designed to simplify the set up and management of a smart home installation via any web enabled device. With dedicated support for both professional installers and end-users, we've got you covered.

Our smart solutions are pretty smart out of the box, but to extend control and access your ABB home systems both while at home and remotely in an easy, secure, and comprehensive way you will need to register and create an account on MyBuildings Portal.



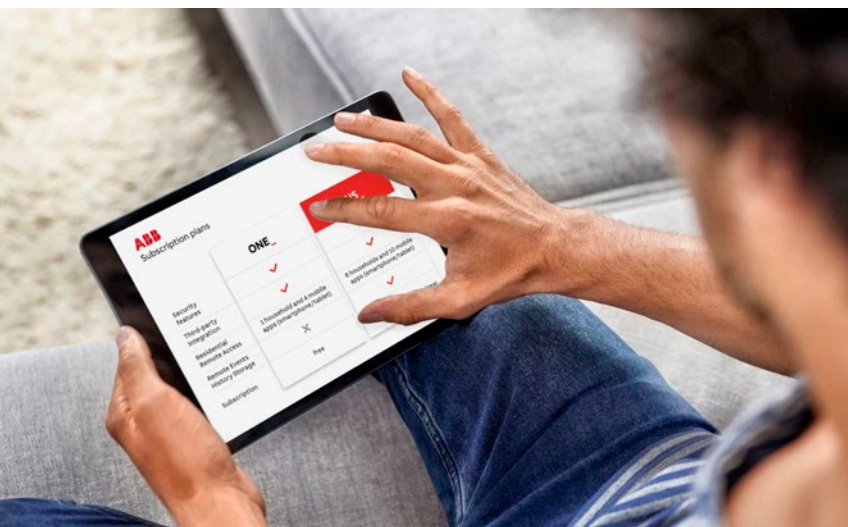
The myBuildings portal is your entrance into the world of ABB. From controlling your existing ABB-Welcome installation, ABB-free@home® installation up to planning new installations, third party integrations and a range of security features, the myBuildings Portal offers every tool you need.



Getting started is easy and only takes a few minutes:

1. Go to eu.mybuildings.abb.com
2. Create an account
3. Automatically get the ONE subscription for free
4. Upgrade to PLUS to enjoy all benefits

	ONE	PLUS
Security Features	X	X
Third-party Integration	X	X
Residential Remote Access	1 household and 4 mobile apps (smartphone/tablet)	8 households and 10 mobile apps (smartphone/tablet)
Remote Events History Storage	–	X
	Free subscription	Monthly or Yearly Fee



It's the easy, secure and comprehensive way to look after your home with total control at home, remotely and at all times via one simple system backed by ABB protection.

24-hour self-service customer support

Digital services

Leveraging artificial intelligence our unique digital customer support tool is available world-wide 24/7 and is completely free of charge. Accessible via ABB-free@home® Next App and ABB-Welcome App or the ABB website.



Our self-service assistant will help you find an answer to your question

- Easy and quick support through self-service trouble-shooting
- Simple and intuitive step-by-step guides with instructions for set-up and usage
- Support via live chat* or email
- Additional support: If you cannot find a solution, you'll be forwarded to our support team, along with a full history of the things you have tried.



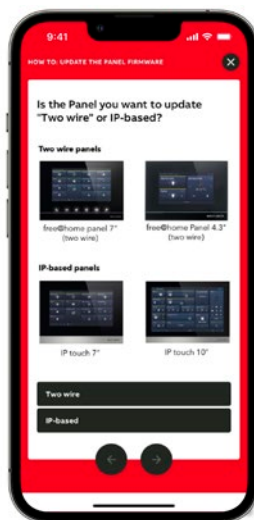
Benefits

- Always accessible with 24-hour support at your fingertips via the app
- Get support quickly with no need for installer intervention, saving you time and money
- Access to a wealth of Smart Home expert knowledge and support

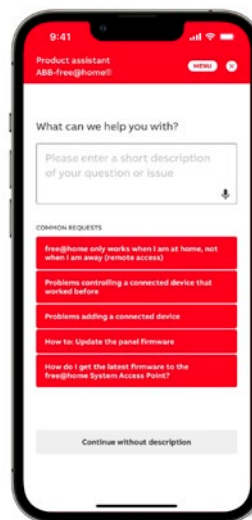
ABB-free@home Next App



Step by step guides



Self-service and trouble-shooting



Live Chat and Video*

* where available

ProService portal

Professional installers digital services

If you require assistance or maintenance support, this can be done virtually by your installer, without the need of an on-site visit. The ProService portal offers a digital support possibility at any time.

Service and Support virtually for your ABB-free@home® system.
This grants lots of benefits to free@home users:



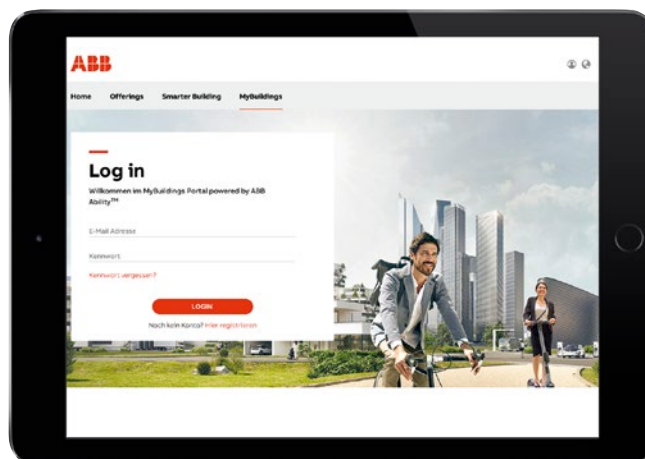
Remote maintenance

If you require assistance, the installer can access the ABB-free@home® system via the ProService portal to make the adjustments and changes. Also firmware updates can be done virtually.



Full Transparency

The system promotes trust and transparency by giving the home owner complete visibility of any access or work on their system. The log shows the homeowner detailed information what has been changed: person, time and duration as well as any changes to the system – and the owners are able to revoke access rights at any time.



Full control by home owner

The home owner is able to grant access to the installer for a maximum of 24 hours. Secure end-to-end encryption connects the Installer Portal to the customer's System Access Point.



Efficient response

Faster and more efficient response time when you require support from an installer. No travel time is required and no need to schedule an on-site appointment.

It's easy for the installer



Registration

Registration to the ProService portal works easily in the MyBuildings portal with the use of your ABB MyBuildings portal access data.



Creating employees

You authorize your employees via an invitation e-mail to use the ProService portal. As the owner of the account you can now see all your registered employees and assign them to individual customers.



Remote maintenance

After the customer has authorized the 24-hour time window for access, the installer can then access the ABB-free@home® system via the ProService portal and make adjustments and changes.



Creating customers

You invite your customers to use the remote maintenance service also via e-mail. You can then support your customers via the ProService portal.

	ONE	PLUS	Individual
Management & Supervision	X	X	X
Cloud Backup	X	X	X
Remote Maintenance	X	X	X
Attachable End Customers	1	< 99	> 99
	Free of charge	Yearly Fee	Individual offer



ABB-Welcome Configurator

The easiest way to plan a door entry system

You save planning time and the documentation is also done without effort. Either save your project on your computer or upload it to the cloud.



Quick planning function

Suitable for simple projects where all floors have the same number of apartments and all apartments have the same equipment. Suitable for simple projects where all floors have the same number of apartments, all apartments have the same equipment and there are only Outdoor Stations at the building level. Then the user can either go to the details by clicking on "Preview and edit" or go directly to the result.



Wiring diagrams & Product documentation

The project documentation contains a circuit diagram, showing the wiring and device settings. Any required system components, such as local or auxiliary power supply and gateways, are added automatically and power consumption requirements are always met. Theoretically, no further knowledge is required, just install the system according to the documentation and it will work.



Planning from scratch

Use this planning mode if all floors and apartments are different. With this tool you can individually equip all units, such as apartments, floors and buildings, as well as plan a multi-level residential complex.



Connection diagrams

No further knowledge is required, just install the system according to the documentation



Connection with myBuildings account

Save your project for 90 days on the portal and contact ABB Sales Support team with a click

ABB-Welcome Configurator

With the ABB-Welcome 2-wire and ABB-Welcome IP systems, numerous combinations are possible to suit the needs of each individual user. Try our online configurator, you can create the application that best suits your and your customers' needs.



—
Configurator of
Door entry system



—
Link to video
Welcome tutorial



—
Link to video
Welcome IP tutorial

**ABB**

Start



Planning



Result

WELCOME IP CONFIGURATOR

Hey! Let's start planning.

Quick Planning Wizard

Select **Quick Planning Wizard** and choose the number of floors and apartments per floor. Select standard indoor stations for all apartments and outdoor stations for the building.

Start From Scratch

Select **Start From Scratch** to create a customised plan adding indoor stations and customised outdoor stations for the building.

[Start From Scratch](#)

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)	99	2000
	OS per building (up to)	4	64
	Number of buildings	1	No limits
	Total maximum number of Indoor Stations	99	No limits
Integrations	Maximum distance from OS to IS	300 m	No limits
	Access control integration	Fingerprint, Keypad and Transponder	Keypad and Transponder
	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

ABB-Welcome 2-Wire



Function meets design.

Stories and moments in life often begin of life begin at the door. This is where the outside world and home meet. Many everyday encounters in life take place here. And preferably as safely as possible.

The ABB-Welcome outdoor stations ensure this every day – whether with video or audio, surface-mounted or flush-mounted, and in a timeless design. Always convincing with innovative functions for greater convenience and security. That way, only pleasant surprises gain easy access to your home.

High-quality materials

Video version optionally available with camera module 130 or camera module 180

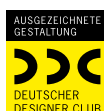
Automatic day and night switching



Timeless design

Simple installation

Full duplex / noise cancellation



reddot design award
winner 2012



Create your own outdoor station

According to your needs and wishes

Flush-mounted solution (FM)



Frame

①



Moduls

②



FM box

③



FM Rain Hood
(optional)

Surface-mounted solution (SM)



Frame

①



Moduls

②



SM box

③



SM Rain Hood
(optional)

















Step 1: Door entry system

ABB-Welcome - Frames and installation material

2 types of outdoor station frame:



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

Columns	Modules	Type of frame	Color	Article no	Order no.	Dimensions
1	3	Video	White 	41383CF-W	2TMA130160W0002	277 × 135 × 20 mm 10.9 × 5.3 × 0.8 inch
		Video	Stainless steel 	41383CF-S	2TMA130160X0004	
		Video	Aluminum 	41383CF-A	2TMA200160A0003	
		Video	Anthracite 	41383CF-B	2TMA220161B1004	
1	4	Video	White 	41384CF-W	2TMA130160W0003	349 × 135 × 20 mm 13.7 × 5.3 × 0.8 inch
		Video	Stainless steel 	41384CF-S	2TMA130160X0005	
		Video	Aluminum 	41384CF-A	2TMA200160A0005	
		Video	Anthracite 	41384CF-B	2TMA220161B1005	
1	5	Video	White 	41385CF-W	2TMA130160W0004	421 × 135 × 20 mm 16.6 × 5.3 × 0.8 inch
		Video	Stainless steel 	41385CF-S	2TMA130160X0006	
		Video	Aluminum 	41385CF-A	2TMA200160A0007	
		Video	Anthracite 	41385CF-B	2TMA220161B1006	
2	6	Video	Stainless steel 	41386CF-S	2TMA130160X0007	277 × 235 × 20 mm 10.9 × 9.2 × 0.8 inch
		Video	Aluminum 	41386CF-A	2TMA200160A0009	
2	8	Video	Aluminum 	41388CF-A	2TMA220161A0010	349 × 235 × 20 mm 13.7 × 9.2 × 0.8 inch
2	10	Video	Aluminum 	413810CF-A	2TMA220161A0011	421 × 235 × 20 mm 16.6 × 9.2 × 0.8 inch

Step 2: 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.



Audio/Video Modul 130

- Master module for ABB-Welcome video outdoor station
- 130 degree camera
- Induction loop,
- Speech synthesis
- Sensor Detection Range: Diagonal 130 °, Horizontal 100 °, Vertical 70 °
- Operational Voltage: 28 V
- Degree of Protection: IP 54
- Temperature: -40 °C bis 55 °C

Version	Standard
Article no.	A251382M-03
Order no.	2TMA200160N0036



Audio/Video Modul 180

- Master module for ABB-Welcome video outdoor station
- 180 degree camera
- Induction loop
- with speech synthesis
- Sensor Detection Range: Diagonal 180 °, Horizontal 170 °, Vertical 135 °
- Operational Voltage: 28 V
- Degree of Protection: IP 54
- Temperature: -40 °C bis 55 °C

Version	Standard
Article no.	A251383M-03
Order no.	2TMA200160N0037

Step 2: Standard modules

ABB-Welcome - Outdoor station modules

Functional modules:

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

Common technical details:

- Dimensions: 97 × 72 × 25 mm/ 3.8 × 2.8 × 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



Bar push button module

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 module ¹⁾

- Enables the opening of the door using a numerical code.
- Slave keypad module with light button,
- For allegro application
- 256 users can be taught in
- Degree of Protection: IP 54
- Temperature: -25 °C bis 55 °C

Version	White ■	Stainless steel ■	Aluminum ■
Article no.	A251382K-W-03	A251382K-S-03	A251382K-A-03
Order no.	2TMA200160W0006	2TMA200160X0009	2TMA200160A0039

Step 2: Standard modules

ABB-Welcome - Outdoor station modules

2-wire modules:

These modules can be used with Welcome 2- wire.



Fingerprint module

Fingerprint module is one access control module of video/audio outdoor station

- Enables the opening of the door using a fingerprint scanner.
- 64 users can be taught in.
- Slave Fingerprint module
- For Welcome M/Allegro application
- Degree of Protection: IP 54
- Temperature: -25 °C bis 55 °C

Version	White ■	Stainless steel ■	Aluminum ■
Article no.	51381FP-A-03	51381FP-S-03	51381FP-W-03
Order no.	2TMA200160A0040	2TMA200160X0010	2TMA200160W0007



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 × 9.4 × 74 mm / 21.5 × 0.37 × 2.9 inch

Article no.	51381DM
Order no.	2TMA200160N0040

Step 3: Mounting boxes

ABB-Welcome - 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	2TMA130160B0011
	Surface-mounted	Grey ■	41383S-H	2TMA130160H0011
	Flush-mounted	Anthracite ■	41383F-B	2TMA130160B0003
	Flush-mounted	Grey ■	41383F-H	2TMA130160H0003
	Pre-installation box	Anthracite ■	41383PB	2TMA130160B0019
	Surface-mounted	Anthracite ■	41384S-B	2TMA130160B0012
	Surface-mounted	Grey ■	41384S-H	2TMA130160H0012
	Flush-mounted	Anthracite ■	41384F-B	2TMA130160B0004
	Flush-mounted	Grey ■	41384F-H	2TMA130160H0004
	Pre-installation box	Anthracite ■	41384PB	2TMA130160B0020
	Surface-mounted	Anthracite ■	41385S-B	2TMA130160B0013
	Surface-mounted	Grey ■	41385S-H	2TMA130160H0013
	Flush-mounted	Anthracite ■	41385F-B	2TMA130160B0005
	Flush-mounted	Grey ■	41385F-H	2TMA130160H0005
	Pre-installation box	Anthracite ■	41385PB	2TMA130160B0021
	Surface-mounted	Anthracite ■	41386S-B	2TMA130160B0014
	Surface-mounted	Grey ■	41386S-H	2TMA130160H0014
	Flush-mounted	Anthracite ■	41386F-B	2TMA130160B0006
	Flush-mounted	Grey ■	41386F-H	2TMA130160H0006
	Pre-installation box	Anthracite ■	41386PB	2TMA130160B0022

Rain Hood and Weather Cover

ABB-Welcome - 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

Columns	Modules	Type of cover	Color	Article no.	Order no.
1	x	Rain hood (SM)	Aluminum ■	41383RH	2TMA130160A0009
1	x	Rain hood (FM)	Aluminum ■	41381RH	2TMA130160A0001
2	x	Rain hood (SM)	Aluminum ■	41384RH	2TMA130160A0010
2	x	Rain hood (FM)	Aluminum ■	41382RH	2TMA130160A0002

Boxes dimensions











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

Covers dimensions

Columns	Modules	Rain hood (SM)
1	n	98 × 143 × 68 mm 3.8 × 5.6 × 2.7 inch
2	n	275 × 233 × 32 mm 10.8 × 8.7 × 1.25 inch

Door entry system

ABB-Welcome - 2-wire indoor stations

		SmartTouch® 10"	OneTouch 7"
			
Main features	Display	 Touch	 Touch
	Video auality	 SD	 SD
	Remote call on mobile APP	 o	 o
	Smart Home	 KNX	 KNX
Mounting type	Flush mounting	●	●
	Surface mounting	●	●
	Desktop mounting	●	●
Other features	Image call history	●	●
	Video surveillance call	●	●
	Induction loop	●	●
	InterCom	●	●
	Room to room call		
	Home to home call	●	●
	Call guard unit		
	Variable ringtone		●
	Power supply	2-wire BUS	2-wire BUS and direct local
	Firmware remote update	●	●
	SD card	●	
	Automatic unlock function	●	●
	Video record	●	●
	Custom audio away message	●	●
	Call forwarding	●	●

Notes:

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

Door entry system

ABB-Welcome - 2-wire video indoor stations



ABB SmartTouch® 10"

Freely programmable Touch panel featuring a 10-inch IPS screen with 1280 × 800 resolution that combines smart home automation and door communication in one device for residential applications, hotels, and commercial buildings. ABB-SmartTouch® 10" offers home control and monitoring of the ABB-free@home®, or ABB i-bus®KNX system and the fully integrated functions of ABB-Welcome. Control, observe and manage your entire installation on one device: Switching - Dimming - Slider - Blind - RGBW control element - Step switch - Scene switch - Display element - Audio control element – RTC control element – VRV control element and display different values such as energy consumption and production. With scene function, logic functions, presence simulation and time programs. ABB SmartTouch® 10" can also be used as an end device for communication with the ABB-Welcome outdoor stations, and as part of the ABB-Welcome door communication system.

- Display size: 25,4 cm (10")
- Display resolution: 1280 × 800
- Display screen: IPS display
- Flush or Surface mounted.
- Can also be mounted on a desktop stand.
- The flat design slim real metal frame sits almost flush with the wall (14 mm) and is available in 4 colors (stainless steel, graphite, gold and rose gold) and black or white glass.

Frame	Version	Article no.	Order no.
Stainless	White ■	ST/U10.1.1-811	2TMA310051W0001
	Black ■	ST/U10.1.1-825	2TMA310051B0001
Graphite	White ■	ST/U10.2.1-811	2TMA310051W0002
	Black ■	ST/U10.2.1-825	2TMA310051B0002
Satin gold	White ■	ST/U10.3.1-811	2TMA310051W0003
	Black ■	ST/U10.3.1-825	2TMA310051B0003
Rose gold	White ■	ST/U10.4.1-811	2TMA310051W0004
	Black ■	ST/U10.4.1-825	2TMA310051B0004



Surface Mounting Frame for ABB SmartTouch® 10"

Surface mounting frame for mounting the ABB SmartTouch® 10" ST/U10.x.1-8xx on:

- Standard flush mounted wall box VDE & BS
- Already installed flush mounted installation box:
 - 6136/UP
 - 8136/01 UP-500
 - UP-KAST 2
- To be mounted directly on the wall
- To be mounted on the ABB-Welcome table stand

Version	Article no.	Order no.
White ■	ST/A10.1-811	2TMA310161W0001
Black ■	ST/A10.1-825	2TMA310161B0001



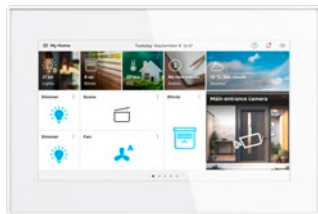
Busch-SmartTouch Installation Box, FM

- For flush mounting and hollow panel mounting of the Busch-SmartTouch 10" ST/U10.x.1-8xx.
- Windproof.
- Dimensions flush mounting (H x W x D): 152 mm x 235 mm x 60 mm.
- Dimensions hollow wall (H x W x D): 146 mm x 227 mm x 50 mm.

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

Door entry system

ABB-Welcome - 2-wire video indoor stations



OneTouch

Featuring our first panel equipped with an integrated system access point, simply add ABB-free@home® wireless or flex devices to unlock the full potential of a Smart Home with the added convenience of remote access to control all the the features and answer door calls. It offers an ideal starting point for anyone looking to begin their smart home adventure: begin with door entry and extend it with free@home wireless or Matter. OneTouch can also be connected to a free@home wired system to control it.

- Viewing angle: 75°
- Power Supply: 2-wire bus + 24V DC PoE for IP
- Intuitive GUI on 7" IPS screen (resolution: 1024 × 600 px)
- Type of installation: SM & FM
- Dimensions: 192 × 128 × 17.2 mm / 7.6 × 5 × 0.7 inch

Version	Article no.	Order no.	Global (w.o. DE and AT)
Black ■	M2249-2B	2TMA320051B0001	●
White ■	M2249-2W	2TMA320051W0001	●



Surface-mounted box for OneTouch

Mounting of OneTouch on the wall

- For surface-mounted installation of indoor station
- The product is packed with accessories to ensure qualified installation
- Dimensions: 187.6 × 123.3 x14 mm / 7.4 × 4.9 × 0.6 inch

Version	Article no.	Order no.
White ■	42491S-W	2TMA320161W0001
Black ■	42491S-B	2TMA320161B0001



Flush-mounted box & Pre-installation box for OneTouch

Flush-mounted box & Pre-installation box for OneTouch 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: 178 × 108 × 52 mm / 7 × 4.3 × 2.0 inch, 2 boxes together

Article no.	42491F
Order no.	2TMA320161B0002



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 × 107 × 134 mm / 5 × 4.2 × 5.3 inch

Article no.	83506
Order No.	2CKA008300A0477

Door entry system

ABB-Welcome - 2-wire audio indoor stations



Audio Indoor Station Handsfree

- With hands-free function
- Volume is adjustable
- Easy operation keys for door openers
- Mute function and light
- Different bell sounds are adjustable for door and floor ringing, five polyphone bell sounds are available
- Volume of bell sounds is adjustable
- Consumer units: 1

Version	Article no.	Order no.
White ■	83210 AP-624	2CKA008300A0324
anthrazit ■	83210 AP-681	2CKA008300A0325
alu ■	83210 AP-683	2CKA008300A0326

Door entry system

ABB-Welcome - System devices



System Controller

- Supply device and controller of the ABB-Welcome system
- For connecting the indoor and outdoor busline
- With output for electrical door opener for 12V~, 1,6A or potential-free output 30V, 3A
- With output to control hall light directly or via relays (230V, 3A)
- Switching time duration of the door opener and the light is adjustable
- For up to 65 consumer units

Article no.	83300
Order no.	2CKA008300A0046



IP-Gateway MDRC

- Allows the integration of tablet or smartphone with installed Welcome app as mobile indoor load for audio and video communication
- Makes possible the use of the Busch-ComfortTouch® as indoor door communication
- For integration into the myBUSCH-JAEGER portal
- Configuration interface for telephone gateway and access control module
- Ethernet connection (RJ 45)
- Consumer units: 11

Article no.	83342
Order no.	2CKA008300A0374



DIN rail adapter

- Modular DIN-Rail components (MDRC) adapter for the accommodation of The camera interface (83327), Flush-mounted switch actuated (83335 U) and Flush-mounted active video indoor distributor (83320/4)
- Degree of Protection: IP54
- Mounting Type: DIN-Rail

Article no.	83508
Order no.	2CKA008300A0548



Camera interface

- For the integration of up to four analogue cameras into one Welcome system
- Permits assignment of the cameras to a Welcome outdoor station (video/audio) or to a Welcome video indoor station
- Up to four camera interface devices can be connected together in one Welcome system
- In a Welcome system, up to 16 analogue cameras can be integrated
- Programming directly via rotary switch on the camera interface
- Video signal input 1 Vss, FBAS/CVBS, on 75 ohm (PAL/NTSC)
- Consumer units: 2
- For an outdoor video station it is necessary to replace the basic module 83140/xx with a new base call button module 83140/xx-101
- The current basic module 83140/xx can continue to be used with an outdoor audio station
- Ambient Air Temperature: Operation -25 ... +55 °C
- Degree of Protection: IP30

Article no.	83327
Order no.	2CKA008300A0465

Door entry system

ABB-Welcome - System devices



U Video Distri, Indoor, FM

- For the distribution of the video signal with line junctions (e.g. in a riser mains)
- Consumer units: 1
- Ambient Air Temperature: Operation -5 ... +45 °C
- Degree of Protection: IP20

Article no.	83320/4 U
Order no.	2CKA008300A0508



Video Distri, Outdoor, MDRC

- For connecting several video outdoor stations to the system controller.
- Ambient Air Temperature: Operation -5 ... +45 °C
- Degree of Protection: IP20
- Mounting Type: DIN-Rail

Article no.	83325/2
Order no.	2CKA008300A0043



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 × 15 × 14 mm / 1.6 × 0.6 × 0.6 inch

Article no.	83507
Order no.	2CKA008300A0538
Pack Qty	1/10



U Switch actuator, flushmount

- Switch actuator for connection to the door communication bus
- Activates connected loads during an incoming door call (e.g. an external gong)
- Floating output: 230 V, 3 AX.
- Consumer units: 1

Article no.	83335 U
Order no.	2CKA008300A0327

Letter box modules

ABB-Welcome - Alternative modules

Letter box modules:

For the integration into letter boxes and bell systems of different manufacturers.



Camera module

- For the integration into letter boxes and bell systems of different manufacturers, such as the products of Erwin Renz Metallwarenfabrik GmbH & Co KG, Boschstr. 3, 71737 Kirchberg/Murr, Germany.
- 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
- Consumer units: 4
- Ambient Air Temperature: Operation -25 ... +55 °C
- Degree of Protection: IP54

Version

Article no.	83501-101
Order no.	2CKA008300A0323



Camera module 180

- For the integration into letter boxes and bell systems of different manufacturers, such as the products of Erwin Renz Metallwarenfabrik GmbH & Co KG, Boschstr. 3, 71737 Kirchberg/Murr, Germany
- 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: 170°/135°
- Consumer units: 4
- For an outdoor video station it is necessary to replace the basic module 83140/xx with a new base call button module 83140/xx-101
- The current basic module 83140/xx can continue to be used with an outdoor audio station

Version

Article no.	83503
Order no.	2CKA008300A0492

Letter box modules

ABB-Welcome - Alternative modules

Letter box modules:

For the integration into letter boxes and bell systems of different manufacturers.



Audio Integration Unit

- For the integration into letter boxes and bell systems of different manufacturers, such as the products of Erwin Renz Metallwarenfabrik GmbH & Co KG, Boschstr. 3, 71737 Kirchberg/Murr, Germany.
- 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.
- Consumer units: 2
- Ambient Air Temperature: Operation -25 ... +55 °C
- Degree of Protection: IP44

Version

Article no.	83110-101
Order no.	2CKA008300A0521



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, such as the products of Erwin Renz Metallwarenfabrik GmbH & Co KG, Boschstr. 3, 71737 Kirchberg/Murr, Germany.
- 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.
- Consumer units: 1
- Ambient Air Temperature: Operation -25 ... +55 °C
- Degree of Protection: IP44

Version

Article no.	83111-101
Order no.	2CKA008300A0546

Standalone

ABB-Welcome - Outdoor stations

Standalone outdoor station:

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

Common technical details:

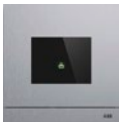
- Dimensions: 139 × 135 × 29 mm / 5.5 × 5.3 × 1.1 inch
- Type of installation: SM or FM
- Rating current: 24 V DC, 25 mA
- Operating temperature: -40 °C...+55 °C
- Dustproof and watreproof: IP54
- Vandal proof: IK07
- Single-wire/fine-wire clamps: 2 × 0.28 mm²...2 × 0.75 mm²
- Connects to ABB-Welcome door communication by 2-wire cable
- Mounting tool is enclosed
- Front plate made of 3 mm steel



Outdoor St. w. Keypad ¹⁾

- Enables the opening of the door using a numerical code.
- 256 users can be taught in.
- Standalone operation together with system controller 83300 (power supply and connection for the electrical door opener).
- Programming directly on the module or using a web browser (requires IP gateway 83342).
- For flush-mounted installation with 41381F-B-03 / 41381F-H-03.
- For surface mounting with 83400 AP-681-500.

Version	Stainless steel ■	weiss ■
Article no.	83100/71-660	83100/71-664
Order no.	2CKA008300A0415	2CKA008300A0416



Aussenstation Transponder-Modul ¹⁾

- Enables the opening of the door using a key card 83173 (contactless).
- 256 users can be taught in.
- Programming directly on the module or using a web browser (requires IP gateway 83342).
- Standalone operation together with system controller 83300 (power supply and connection for the electrical door opener).
- For flush-mounted installation with 41381F-B-03 / 41381F-H-03.
- For surface mounting with 83400 AP-681-500.

Version	Stainless steel ■	weiss ■
Article no.	83100/72-660	83100/72-664
Order no.	2CKA008300A0417	2CKA008300A0418



Outdoor St. w. Fingerprint ¹⁾

- Enables the opening of the door using a fingerprint scanner.
- 64 users can be taught in.
- Programming directly on the module or using a web browser (requires IP gateway 83342).
- Standalone operation together with system controller 83300 (power supply and connection for the electrical door opener).
- For flush-mounted installation with 41381F-B-03 / 41381F-H-03.
- For surface mounting with 83400 AP-689-500.

Version	Stainless steel ■	weiss ■
Article no.	83100/70-660	83100/70-664
Order no.	2CKA008300A0413	2CKA008300A0414

Door entry system

ABB-Welcome - Accessories



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
Order no.	2CKA008300A0210



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 × 83 × 80 mm / 4.7 × 3.3 × 3.1 inch

Article no.	51381J
Order no.	2TMA130160B0124



Mounting tool

The mounting tool use to dismount the outdoor station

- Easy to install and removal end strip
- Dimensions: 165 × 14 × 26 mm / 6.5 × 0.5 × 1 inch

Article no.	51381MT
Order no.	2TMA130160B0025

Door entry system





ABB-Welcome - Accessories



Outdoor station End-strip

End-strip for outdoor station cover frame

- Easy to install and replace
- Size 1 dimensions: 135 × 19 × 16 mm / 5.3 × 0.7 × 0.6 inch
- Size 2 dimensions: 235 × 19 × 16 mm / 9.2 × 0.7 × 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	2TMA200160A0023



Cavity wall set

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

Article no.	83511
Order no.	2CKA008300A0308
Pack Qty	1/18

ABB-Welcome IP



System Architecture

Welcome IP

With our new IP system architecture that aim to simplify the commissioning to allow a much friendly setup process for installing Welcome IP into IP networks, allowing the system to integrate with others in a building.



One Network System

Welcome IP devices could be all connected to the same network, simplifying the installation process for the users.



Simplified configuration

For Single House family application, the system will automatically detect all the devices in the network, allowing a simplified and fast commissioning, through a step by step wizard.



Enhanced IP addressing

Welcome IP System will allow users to select the preferred IP Addressing mode according to their needs: Dynamic Addressing (default), or Static Addressing, customizable by the customer. ABB Legacy mode remains available for stand alone Door Entry networks.



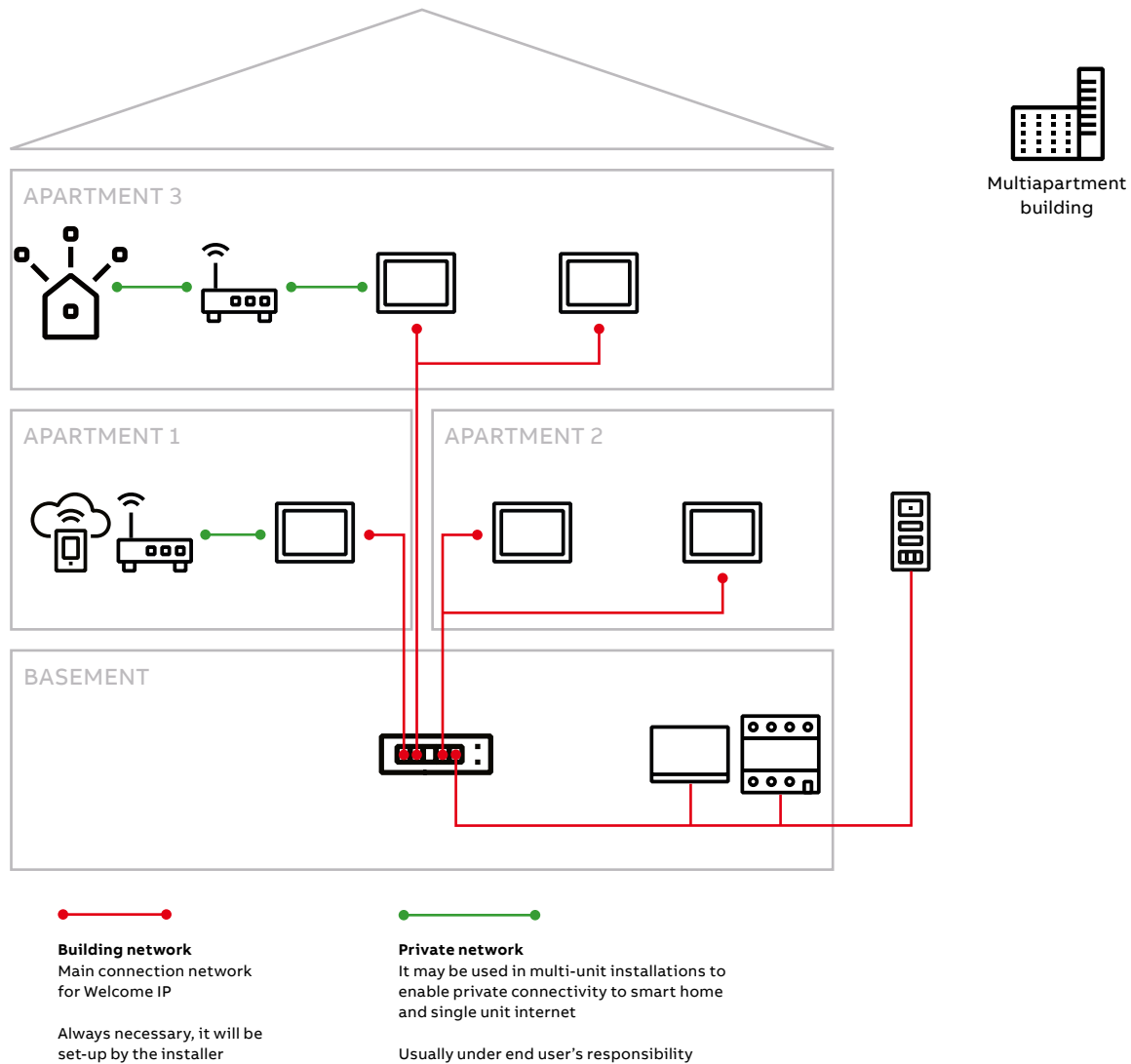
Benefits

- **Simplification** of system cabling and addressing process
- **Speed** of installation
- **Flexibility** of system architectures and addressing solutions
- **Cost reduction**, by avoiding the need of multiple networks.



Network architecture

Welcome IP



Multiapartment building



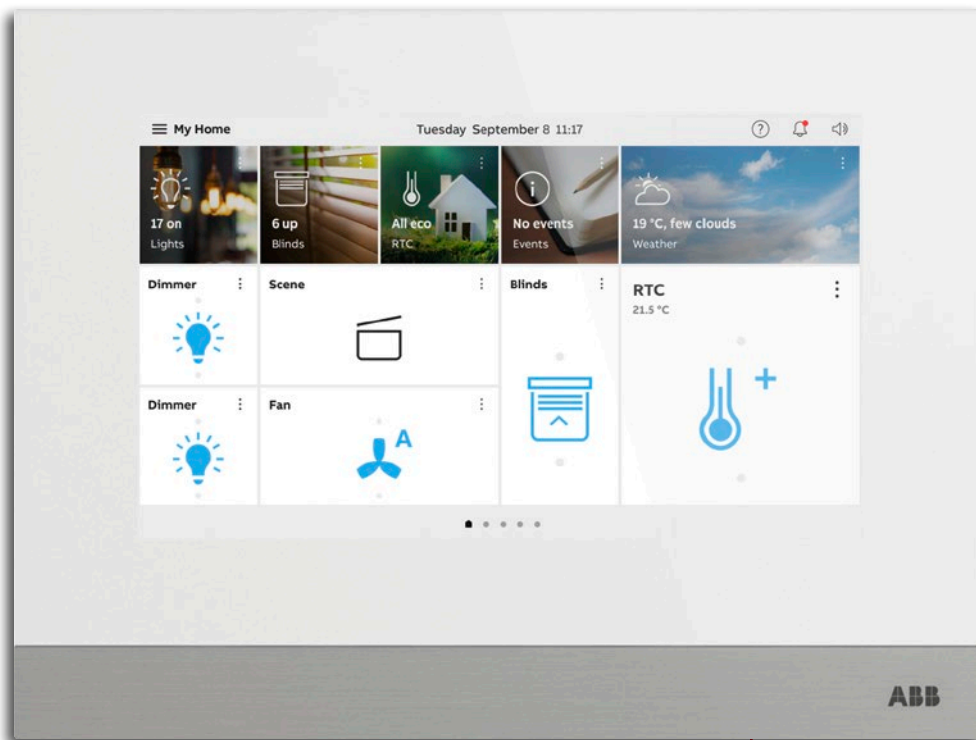
Single/two family home



IP Touch

Welcome IP

Via the video indoor station the IP touch panel will display everything that is happening in front of your door, with the possibility of remote control by app. All versions of ABB-Welcome IP are provided with the induction loop functionality.



—
IP touch 7



Flexible
technology



reddot winner 2020

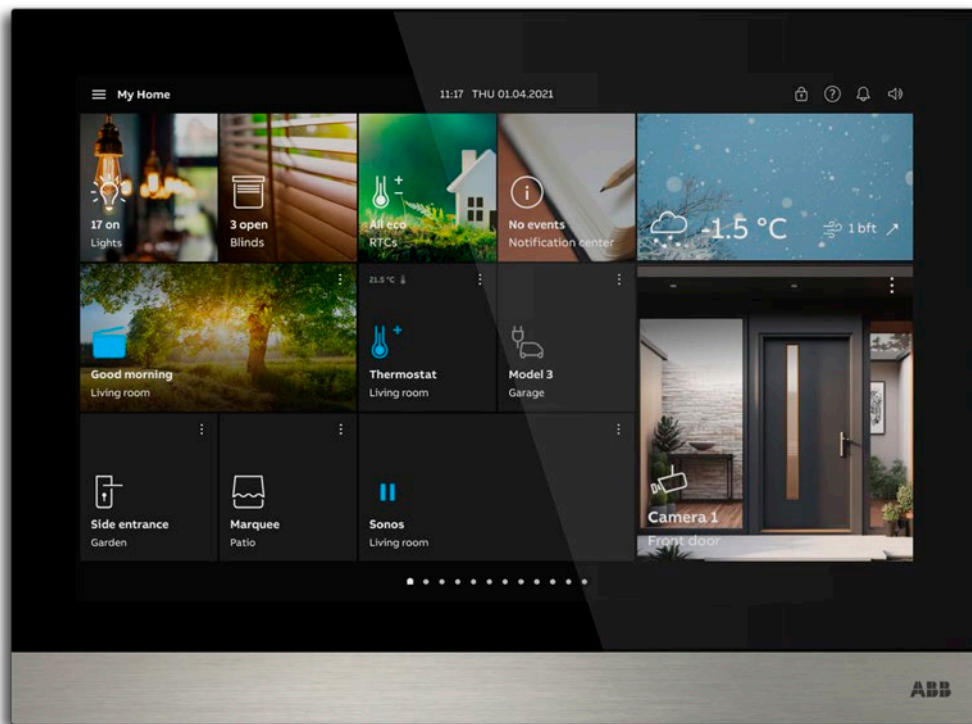


GERMAN
DESIGN
AWARD
WINNER
2020



GERMAN
INNO
VATION
AWARD '20
WINNER





—
IP touch 10



APP connection

extension to APP without
additional system device



Easy installation

both IP touch 10" and IP touch 7"
panels can be flush or surface
mounted



Connectivity

LAN + LAN or LAN + Wi-Fi
Interface options



Easy commissioning

by QR code scanning or central
PC management software



Smart home control

the panel can be used as centralized
screen for ABB sub-systems: Door
Entry System, surveillance and home
automaton (KNX & f@h) PoE and local
power supplier for option



Power supply

Via PoE or optional external
power supply

Video Outdoor Station 5" Touch

Welcome IP

The ABB-Welcome IP outdoor station offers a comfortable and safe method of entering buildings with an integrated, intuitive, operable 5-inch colour touch display.



Electrical connection

Power supply via PoE



Configuration

Remotely editable door entry system information



Display area

Bulletin, message system for the building manager via 5" screen



Card-reader

RFID-reader with MIFARE® and DESFire® integrated



Touch Screen

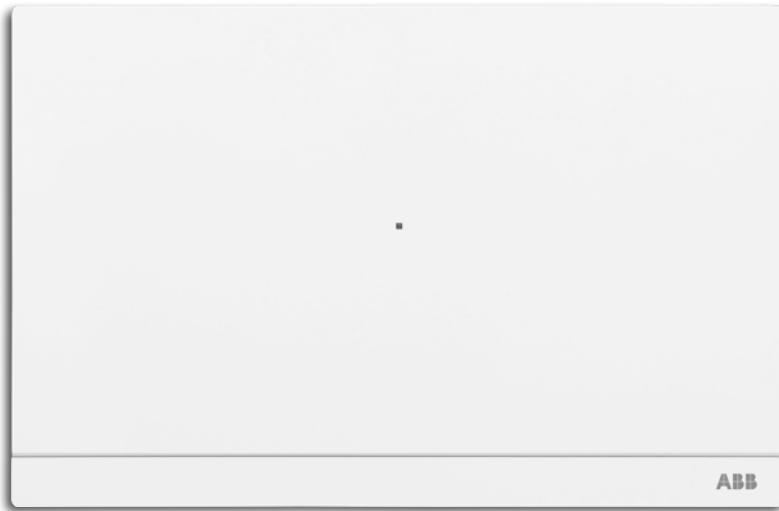
Light-strong 5" touch screen with resolution 480*800 with virtual buttons



Smart Access Point

Welcome IP

As a central management device of ABB-Welcome IP, Smart Access Point can couple as sub-system, and also manage interworking of multiple sub-system of same type.



Integration

Works with
ABB-Welcome IP



Security

ABB Cyber Security
Chip built into our devices



User right management

Can handle and manage
up to 2000 Users



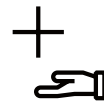
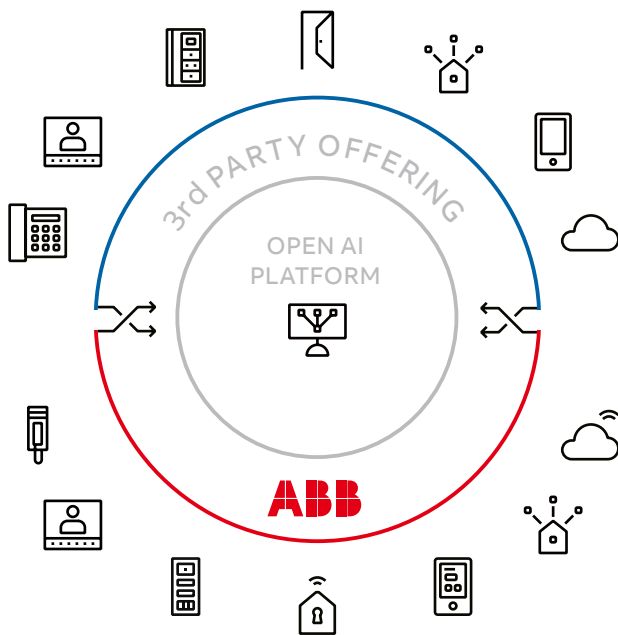
Scalability

Up to 600 devices can be
managed and maintained

Integrations

Welcome IP

Welcome IP is a complete door entry system with HD video communication over IP, remote calls, remote access and maintenance, and APIs for third-party integration.



Benefits

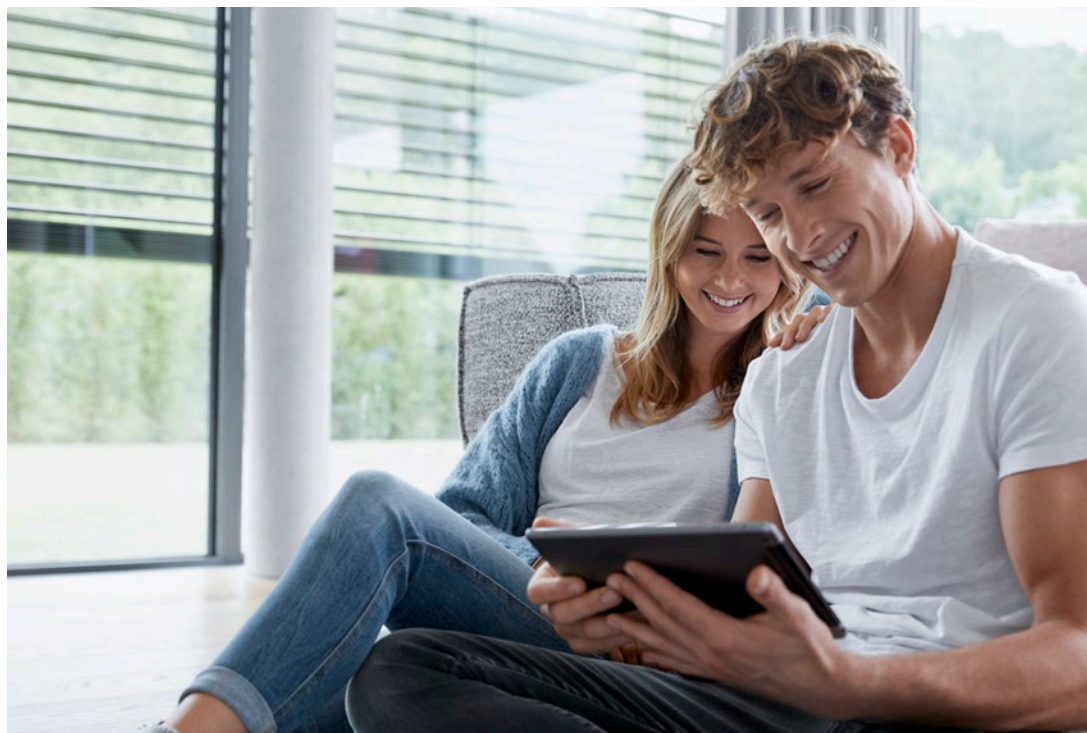
- **Partnership opportunity** with real estate companies of different manufacturers
- **Openness** to different market requirements and customers' needs
- **Integrability** of our system with different systems
- **Customer focus** providing cutting edge solutions to meet dynamic user requirements



SIP
to integrate 3rd parties
SIP Clients into Welcome IP
systems.



Cloud and Local API
Integrability with 3rd
Party APPs and systems
via Cloud, or locally.



Create your own outdoor station

According to your needs and wishes

Flush-mounted solution (FM)



Frame

①



Moduls

②



FM box

③



FM Rain Hood
(optional)

Surface-mounted solution (SM)



Frame

①



Moduls

②



SM box

③



SM Rain Hood
(optional)

















Step 1: Door entry system

ABB-Welcome IP - Frames and installation material

2 types of outdoor station frame:



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

Columns	Modules	Type of frame	Color	Article no	Order no.	Dimensions
1	3	Video	White 	41383CF-W	2TMA130160W0002	277 × 135 × 20 mm 10.9 × 5.3 × 0.8 inch
		Video	Stainless steel 	41383CF-S	2TMA130160X0004	
		Video	Aluminum 	41383CF-A	2TMA200160A0003	
		Video	Anthracite 	41383CF-B	2TMA220161B1004	
1	4	Video	White 	41384CF-W	2TMA130160W0003	349 × 135 × 20 mm 13.7 × 5.3 × 0.8 inch
		Video	Stainless steel 	41384CF-S	2TMA130160X0005	
		Video	Aluminum 	41384CF-A	2TMA200160A0005	
		Video	Anthracite 	41384CF-B	2TMA220161B1005	
1	5	Video	White 	41385CF-W	2TMA130160W0004	421 × 135 × 20 mm 16.6 × 5.3 × 0.8 inch
		Video	Stainless steel 	41385CF-S	2TMA130160X0006	
		Video	Aluminum 	41385CF-A	2TMA200160A0007	
		Video	Anthracite 	41385CF-B	2TMA220161B1006	
2	6	Video	Stainless steel 	41386CF-S	2TMA130160X0007	277 × 235 × 20 mm 10.9 × 9.2 × 0.8 inch
		Video	Aluminum 	41386CF-A	2TMA200160A0009	
2	8	Video	Aluminum 	41388CF-A	2TMA220161A0010	349 × 235 × 20 mm 13.7 × 9.2 × 0.8 inch
2	10	Video	Aluminum 	413810CF-A	2TMA220161A0011	421 × 235 × 20 mm 16.6 × 9.2 × 0.8 inch

Step 2: IP modules

ABB-Welcome IP – Outdoor station modules

IP modules:

These modules can be used only with Welcome-IP.

Common technical details:

- Dimensions: 143 × 96 × 23 mm/ 5.6 × 3.8 × 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 indicator 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 for 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
- Opening of the door by DESFire or NFC or IC card

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

Step 2: Standard modules

ABB-Welcome IP - Outdoor station modules

Common technical details:

- Dimensions: 97 × 72 × 25 mm/ 3.8 × 2.8 × 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



Bar push button module

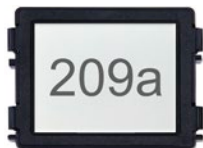
3/6 or 4/8 pushbutton for visitor to press for calling

- 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

Step 2: Standard modules

ABB-Welcome IP - Outdoor station modules



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 × 9.4 × 74 mm / 21.5 × 0.37 × 2.9 inch

Article no.	51381DM
Order no.	2TMA200160N0040

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 × 135 × 29 mm / 13.7 × 5.3 × 1.1 inch

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

Step 3: Mounting boxes

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	2TMA130160B0011
	Surface-mounted	Grey ■	41383S-H	2TMA130160H0011
	Flush-mounted	Anthracite ■	41383F-B	2TMA130160B0003
	Flush-mounted	Grey ■	41383F-H	2TMA130160H0003
	Pre-installation box	Anthracite ■	41383PB	2TMA130160B0019
	Surface-mounted	Anthracite ■	41384S-B	2TMA130160B0012
	Surface-mounted	Grey ■	41384S-H	2TMA130160H0012
	Flush-mounted	Anthracite ■	41384F-B	2TMA130160B0004
	Flush-mounted	Grey ■	41384F-H	2TMA130160H0004
	Pre-installation box	Anthracite ■	41384PB	2TMA130160B0020
	Surface-mounted	Anthracite ■	41385S-B	2TMA130160B0013
	Surface-mounted	Grey ■	41385S-H	2TMA130160H0013
	Flush-mounted	Anthracite ■	41385F-B	2TMA130160B0005
	Flush-mounted	Grey ■	41385F-H	2TMA130160H0005
	Pre-installation box	Anthracite ■	41385PB	2TMA130160B0021
	Surface-mounted	Anthracite ■	41386S-B	2TMA130160B0014
	Surface-mounted	Grey ■	41386S-H	2TMA130160H0014
	Flush-mounted	Anthracite ■	41386F-B	2TMA130160B0006
	Flush-mounted	Grey ■	41386F-H	2TMA130160H0006
	Pre-installation box	Anthracite ■	41386PB	2TMA130160B0022

Rain Hood and Weather Cover

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

Columns	Modules	Type of cover	Color	Article no.	Order no.
1	x	Rain hood (SM)	Aluminum ■	41383RH	2TMA130160A0009
1	x	Rain hood (FM)	Aluminum ■	41381RH	2TMA130160A0001
2	x	Rain hood (SM)	Aluminum ■	41384RH	2TMA130160A0010
2	x	Rain hood (FM)	Aluminum ■	41382RH	2TMA130160A0002

Boxes dimensions

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

Covers dimensions

Columns	Modules	Rain hood (SM)
1	n	98 × 143 × 68 mm 3.8 × 5.6 × 2.7 inch
2	n	275 × 233 × 32 mm 10.8 × 8.7 × 1.25 inch

Door entry system

ABB-Welcome IP - Video indoor stations - comparison

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.

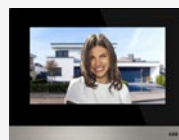
Shared features:

- 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



OneTouch 7



Main features	Display	 Touch	 Touch	 Touch
	Video Quality	 720p	 720p	 SD
	Remote call on mobile APP			
	Smart Home	 Max 100 control frames	 Max 64 control frames	
Mounting type	Flush mounting	●	●	●
	Surface mounting	●	●	●
	Desktop mounting			●
Other features	Image history list	●	●	●
	Cyclical surveillance	●	●	●
	Induction loop	●	●	●
	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	2-wire BUS and direct local
	Firmware remote update	●	●	●
	SD card	●	●	
	Automatic unlock function	●	●	●
	Video record	●	●	●
	Custom audio away message	●	●	●
	Call forwarding	●	●	●





Door entry system

ABB-Welcome IP - Video indoor stations



IP touch 10

- Intuitive GUI on sliding screen (1280x800 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
- Enables to use up to 8 mobile devices, installing the ABB-Welcome App, as a client for Welcome IP locally at home and to connect to myBuildings Portal for the optional remote access and ring notification service.
- Dimensions (LAN + LAN): 251 × 185 × 30 mm / 9.9 × 7.3 × 1.2 inch
- Dimensions (LAN + WiFi): 251 × 185 × 17 mm / 9.9 × 7.3 × 0.7 inch

Version		Black ■	White ■	Flush Mounting (FM)	Surface Mounting (SM)
	+		Article no. H8237-5B Order no. 2TMA130050B0055	Article no. H8237-5W Order no. 2TMA130050W0055	•
	+		Article no. H8237-4B Order no. 2TMA130050B0054	Article no. H8237-4W Order no. 2TMA130050W0054	•



Surface-mounted box for IP touch panel 10

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 × 184 × 14 mm / 9.9 × 7.2 × 0.5 inch

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



Flush-mounted box & Pre-installation box for IP touch 7 and 10

Flush-mounted box and Pre-installation box for IP 7 and 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 × 145 × 55 mm / 7.6 × 5.7 × 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 × 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
- Enables to use up to 8 mobile devices, installing the ABB-Welcome App, as a client for Welcome locally at home and to connect to myBuildings Portal for the optional remote access and ring notification service.
- Dimensions (LAN + LAN): 199 × 150 × 30 mm / 7.8 × 5.9 × 1.2 inch
- Dimensions (LAN + WiFi): 199 × 150 × 17 mm / 7.8 × 5.9 × 0.7 inch

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



Surface-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 × 148 × 13 mm / 7.7 × 5.8 × 0.5 inch

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



Flush-mounted box & Pre-installation box for IP touch 7 and 10

Flush-mounted box and Pre-installation box for IP 7 and 10 inch video indoor station

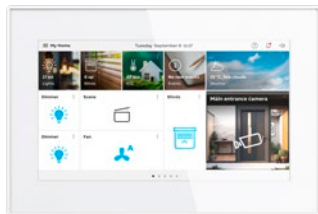
- The flush mounting box is fitted with knock down holes for cabling from left, right, bottom or back
- The product is packed with accessories to ensure qualified installation
- Dimensions: 194 × 145 × 55 mm / 7.6 × 5.7 × 2.2 inch, 2 boxes together

Article no.	42361F
Order no.	2TMA130160B0132

Door entry system

ABB-Welcome IP - video indoor stations

Q1 2025



OneTouch

Featuring our first panel equipped with an integrated system access point, simply add ABB-free@home® wireless or flex devices to unlock the full potential of a Smart Home with the added convenience of remote access to control all the the features and answer door calls. It offers an ideal starting point for anyone looking to begin their smart home adventure: begin with door entry and extend it with free@home wireless or Matter. OneTouch can also be connected to a free@home wired system to control it.

- Viewing angle: 75°
- Power Supply: 2-wire bus + 24V DC PoE for IP
- Intuitive GUI on 7" IPS screen (resolution: 1024 × 600 px)
- Type of installation: SM & FM
- Dimensions: 192 × 128 × 17.2 mm / 7.6 × 5 × 0.7 inch

Version	Article no.	Order no.	Global (w.o. DE and AT)
Black ■	M2249-2B	2TMA320051B0001	●
White ■	M2249-2W	2TMA320051W0001	●



Surface-mounted box for OneTouch

Mounting of OneTouch on the wall

- For surface-mounted installation of indoor station
- The product is packed with accessories to ensure qualified installation
- Dimensions: 187.6 × 123.3 x14 mm / 7.4 × 4.9 × 0.6 inch

Version	Article no.	Order no.
White ■	42491S-W	2TMA320161W0001
Black ■	42491S-B	2TMA320161B0001



Flush-mounted box & Pre-installation box for OneTouch

Flush-mounted box & Pre-installation box for OneTouch 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: 178 × 108 × 52 mm / 7 × 4.3 × 2.0 inch, 2 boxes together

Article no.	42491F
Order no.	2TMA320161B0002



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 × 107 × 134 mm / 5 × 4.2 × 5.3 inch

Article no.	83506
Order No.	2CKA008300A0477

Door entry system

ABB-Welcome IP audio indoor station



Audio IP

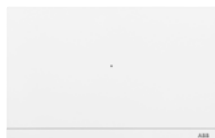
Handset indoor station with 6 buttons.

- 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 adjuster on the side
- 4 ringtones that could be selected for different call sources via SmartAP
- Room 2 Room and Home 2 Home
- Support induction loop
- Type of installation: SM
- Dimensions: 175 × 81 × 22 mm / 6.9 × 3.2 × 0.9 inch

Article no.	H82001-W
H82001-W	2TMA130011W0001

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 × 132 × 32 mm / 8 × 5.2 × 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

Door entry system

ABB-Welcome IP - System devices



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 × 70 × 65 mm / 3.5 × 2.7 × 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 × 72 × 60 mm / 1.7 × 2.8 × 2.4 inch

Version	includes plug-adaptors for EU, UK, US, CN, AU
Article no.	53011PS-03
Order no.	2TMA130160W0029

Door entry system

ABB-Welcome IP - Accessories



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
Order no.	2CKA008300A0210



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 × 83 × 80 mm / 4.7 × 3.3 × 3.1 inch

Article no.	51381J
Order no.	2TMA130160B0124



Mounting tool

The mounting tool use to dismount the outdoor station

- Easy to install and removal end strip
- Dimensions: 165 × 14 × 26 mm / 6.5 × 0.5 × 1 inch

Article no.	51381MT
Order no.	2TMA130160B0025

Door entry system





ABB-Welcome IP - Accessories



Outdoor station End-strip

End-strip for outdoor station cover frame

- Easy to install and replace
- Size 1 dimensions: 135 × 19 × 16 mm / 5.3 × 0.7 × 0.6 inch
- Size 2 dimensions: 235 × 19 × 16 mm / 9.2 × 0.7 × 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



Cavity wall set

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

Article no.	83511
Order no.	2CKA008300A0308
Pack Qty	1/18



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ABB Ltd.

More information

