Access all possibilities

Connecting to a smarter life of door entry communication, access control and video surveillance.

- ABB-VideoControl
- ABB-AccessControl
- ABB-Welcome IP
Access all possibilities
Connecting to a smarter life

Integrating a variety of systems and solutions infinitely to expand the possibilities for intelligently networking industrial, commercial and residential buildings. IP technology is the right solution for every demand and every need. Simply smarter, in all areas. Connecting home, work and life.
The IP connectivity provides you with a comfortable life and smarter choice, regardless of the size and distance. The connectivity brings all systems together to create a smartIP ecosystem for a holistic building automation solution in commercial, public and residential buildings.
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All under control
Three systems fully connected

Door communication, access control, and video surveillance. ABB offers a complete range of smart products with all possibilities at your fingertips.

An open, closed system
Not only Smarter Devices from ABB can be seamlessly integrated in the entire system via IP network technology. Open programming interfaces and the included software development kit also make it possible to integrate third-party applications such as property management or messaging systems in the system environment. At the same time, centralized and decentralized control and installation options protect your system from unauthorized access.

Applications
• Apartment buildings
• Apartment complexes
• Detached houses
• Office buildings
• Commercial properties
• Multifunctional buildings

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

No matter what the challenge of your building is, door communication, access control and video surveillance has never been easier to control and monitor. A more than smart connection gives access to a wide range of possibilities and products within the well-known range of ABB.
**Full integration of all systems**

All products feature a sophisticated design and a high level of functionality. The three systems ABB-VideoControl, ABB-AccessControl, and ABB-Welcome IP now also feature an IP-based flexibility, that has a clear impact on the installation, operation, and maintenance of the smart home and building devices. They are therefore suitable for even the most stringent requirements as well as for deployment in buildings of all kinds.

**smartIP eco system**

The platform does away with restrictions on the number of devices and range, making planning and installation for projects of every size far simpler.

A glance into the future: With the integration of the ABB-free@home® and ABB i-busKNX® systems into the IP world, ABB extends its functionality many times over.

*interactions between ABB-free@home®, and/or ABB-i-bus® KNX are not possible*
Ease of mind with modular systems
Full control at your fingertips

Comfort

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. We believe comfort, smart living and working are the original of comfort life.

Comforting to see
Minimalistic, aesthetic design with high-end material for both outdoors and indoors, the big screen with high resolution images and videos that please your eyes.

Comfort to listen
Full-duplex voice transmission allows a maximum of voice quality. Default and customizable ringtones are supported for better recognition.

Comforting to feel
The available app enables full remote control, status review and event notification at home or away. When technology overcomes distance, the feeling of home and building is pure pleasure.

Comforting to control
The integrated panel enables local control of door communication, access control, video surveillance and Building Automation and more.

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. With powerful anti-hacker technology installed, there is no need to worry about cyber security issues.

Security from duplication prevention
The high security card and reader prevents any dublicates of the card information

Security from network isolation
The in-built gateway of the indoor panel and Smart Access Point and networking video recorder makes the door communication, access control and video surveillance as a dedicated network system.

Cyber security and data privacy
The cyber security ensures the encrypted data transmission via internet.

Security from user authentication
Different user groups or different authorities can manage or provide the legitimate access to open any locks at any time you like.
Simplicity

The real genius of this highly sophisticated system, however, is found in its ease-of-use. It’s easy to set up users, search and play back recorded video, configure alarms, back up video, footage recordings and more.

- **Easy commission**
  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!

- **Easy installation**
  Series of installation box for efficient and effective installation, plus wireless and PoE connection make the system really easy to install.

- **Easy setting**
  The parameter setting and interaction are down to its intuitive browser-free management software.

Flexibility

ABB’s IP innovation provides flexible solutions that can satisfy your own living habit and style. No matter the kind of building, ABB is your trustworthy partner.

- **Flexible by scalability**
  Thanks to the IP platform, it is the ideal solution in residential home, community, commercial building, school, hospitals, without limitation of the distance and the capacity.

- **Flexible by modularity**
  Outdoor station, digital cylinder, indoor stations are integrated in a modular concept.

- **Flexible by centralization and decentralization**
  Local connection through home network or remote connection through MyBuildings portal powered by ABB Ability allow access from everywhere.
FUNCTIONS

A protected building and its environment are an essential part of feeling good and being happy. Our systems are designed with an elegant and fashionable outlook that brings good user experience. At the same time, innovative functionality that guarantees more security and comfort.
Door communication
ABB-Welcome IP

The outdoor station series can be used in single homes to high-rises, as well as office buildings, industrial properties, hotels and hospitals.

ABB-Welcome IP door communication provides you with a highly sophisticated system with HD video communication from outdoor to indoor and indoor to indoor. Distance is now only a matter of IP connectivity, what makes planning and commissioning the simplest matter. And the users will be happy due to a unique and intuitive user interface in all devices. The well-known remote access of the main functionality is ensured by the MyBuildings portal powered by ABB Ability.

- HD camera with infra-red ensures clear images even at night time
- Rustproof, waterproof IP54, vandal proof IK 07
- Integrated status indicator for door status and induction loop for hearing aid
- Clean design with thin installation in both flush and surface mounted
- Access control integration with keypad, DesFire card reader
- Brushed stainless steel and white matt aluminium optional

01 Video Pushbutton outdoor station, Stainless steel
02 Video Keypad outdoor station, Stainless steel
03 Video outdoor station, touch 5", Stainless steel
04 Video Barbutton outdoor station, Stainless steel
**HD quality in multi-communication channel**

Thanks to IP technology, the residents of the home and building are always accessible to visitors with high definition images transmitted from multi-channel bandwidth. It is much more colorful, brighter, clearer and no interference in communication.

**One screen, all included**

For IP Touch 5 inch outdoor station, different calling types are available, called by intuitively scrolling the directory or room numbers programmable locally or by management software.
From minimal modules to maximum possibilities

The “snap-in” modular design enables the individual adaption to the system’s size, design, functionalities and budget to the respective requirements. Expansion and changes are also possible at any time by easily changing the modules.

Installation now easier

Full range of installation boxes are offered to ensure the quality installation in different situations regardless of concrete walls or cavity walls. The flat flush mounted (7mm) and flat surface mounted (25mm) are both available, both with a very attractive design.

Minimized articles of rain hood, same product with same column of outdoor stations variants, either 1, 2, 3, 4 or 5 modules combination.

**01 Display**  
For messages, code and building number

**02 Bar pushbutton**  
3/6 or 4/8 pushbutton for visitor to press for call

**03 Round pushbutton**  
1/2/3 pushbutton for visitor to press for calling

**04 Round pushbutton**  
1/2/3 pushbutton for visitor to press for calling

**05 Round pushbutton**  
1/2/3 pushbutton for visitor to press for calling

**06 Keypad with alphanumeric input**  
Digital inputing module for keypad outdoor station

**07 Big display module**  
With integrated transponder and keypad

**08 A/V module with 720P camera**  
Audio & Video module
Access control
ABB-AccessControl

Access control via digital locking cylinders has long been the system of choice in both private and commercial daily life. ABB-AccessControl ensures easy scalability, even for large-scale projects.

ABB-AccessControl comes along with maximum encryption transmission to ensure all cyber security demands. It can be planned as standalone solution or can be easily part of a bigger Building system due to smart connectivity via IP.

ABB-AccessControl as professional solution supports remote access and management possibilities that makes people’s lives easier, thus for operators and end-users. The MyBuildingportal powered by ABB Ability provides the right and secure remote service.

- Different lengths to match different door thickness
- Fits EU, US, SWISS, standard with door thickness
- In-built batteries
- Visual and acoustic indication
- Emergency unlock (only for administrator)
- Key fob with various colors
- Remote firmware upgrade
- IP55

| 01 | Half-cylinder lock with digital knob Swiss round |
| 02 | Cylinder lock with reader digital knob and thumb-turn Swiss round |
| 03 | Half-cylinder lock with digital knob, European |
| 04 | Cylinder lock with reader digital knob and thumb-turn, European |
| 05 | ANSI Mortice cylinder lock, US |
| 06 | El. Cylinder 30/00 N SC., Scandinavian |
| 07 | ANSI RIM cylinder lock, US |
Access control is in every office scenario; a key point for the security in public and non-public areas.
Loosen screw & remove old cylinder

Replace
Insert electrical cylinder

Fasten
Fasten screw & fasten new cylinder

Quick and easy retrofit to traditional mechanical cylinder
Whatever your access control needs, electronic wireless cylinders provide an ultra-modern solution that will compliment any type of door wherever they are used.

Maximum security by sophisticated encrypted communication
The DESfire EV1 key fob with sophisticated encryption technology makes duplication impossible. Plus the real-time cancellation to a lost or stolen key fob from management software, the door is secured all the time.

In addition, it is the encrypted radio frequency communication to transfer information from cylinder to Smart Access Point. Both repeater and IP-BLE gateway are also equipped with the same encryption mechanism.
User-friendly management system with intuitive web design
To intuitively visualize and manage the interlink between different user groups and door groups, is the key job of digital access control system. Administrator can quickly and easily execute all access plan updates on the system such as instant changes to user access privileges and can control the entire property. Meanwhile, administrator also can handle users’ specific access rights to specific openings by setting the right mode from the choices of options.

Scalable to big project by IP-BLE gateway
ABB-AccessControl is not restricted with wireless transmission, which is superb in short distance projects. The versatile system can flexibly scale up thanks to the IP-BLE gateway. No limits of distance and capacity to decentralize each IP-BLE gateway to manage up to 16 cylinders. This makes the new and big construction projects as easy as small projects to plan and to install.

Triple reminder guarantees on-time battery replacement
Despite the latest BLE low energy consumption technology, the battery can run with low power for quite a long period of time. When the reminder time has come with its self-counting algorithm, there will be visual indication from flash light every time swiping the card, in addition, the App will also receive the notification to change the battery. Finally, the email will be altered with the same information. With the help of local device App and email placement reminder, no need to worry about low battery power of your smart cylinder.
Video surveillance

ABB-VideoControl

Video surveillance becomes safer, more convenient, and generally smarter, particularly for highly sensitive applications.

ABB-VideoControl as professional surveillance system comes along as stand alone solution or can be easily part of a bigger building system due to smart connectivity via IP. Local and online video storage keeps you flexible depending on different project security needs. The MyBuildings portal powered by ABB Ability provides ABB-VideoControl secure cloud storage service to access the surveillance results even remotely.

- Encrypted IP communication
- 24/7 recording and management via NVR
- Remote access video surveillance

01 Outdoor IPC, 4MP, Dom
02 Outdoor IPC, 4MP, Mini Dom
03 Outdoor IPC, 4MP, Bullet
04 Outdoor IPC, 4MP, Mini Bullet
Perfectly networked system to protect your safety

With security attacks on the network infrastructure increasing, ABB has developed a series of secure technologies for the protection of data in its video surveillance solutions. ABB Secure Communication is a PC-level security for IP cameras. It has several features called data protection elements including data encryption IP communication encryption and verification. All these features will ensure the integrity of video evidence and overall data integrity of ABB IP video streams.
Advanced H.265 encoding helps to save up to 50% of bandwidth and storage.

H.265 ITU-T VCEG is a new video coding standard technology that can improve compression efficiency, robustness and error recovery capabilities. It also can help to improve real-time to reduce the delay, reduce channel acquisition time and a random access delay etc.

Resolution up to 4 megapixels helps to offer more details.

4 megapixels enhances the expressive image of essence, allowing users to experience the best picture quality brought by the visual feast. With two times 1080P resolution that gives you more detail.
IP technology is dedicated to create a more intelligent community that can realize the unlimited connection and control to the devices and third-party platform. It makes every home and building become a comfortable and safe place.
ABB-Welcome IP Touch

The IP Touch 7” and 10” control panels are IP-based and provide a far greater number of options for building control.

Powerful and beautiful. The new ABB’s IP Touch has the most two built-to-last colors: white and black glossy glass are available. The end strips are easy to change with varieties of material and colors optional. The integration with home and building automation makes it the best universal visualization panel in residential and non-residential areas.

- With high resolution display
- Intuitive GUI on sliding screen
- Selection of installation box options ensure easy installation on all kind of walls
- Induction loop for hearing aid
- Only 7.8 mm depth when flush mounted
- Both LAN and Wifi version to connect to home network
Home and building dashboard
Main menu with easy settings for door communication, video surveillance and home automation. The new ABB’s IP Touch ensures that comprehensive functions in a room or entire building are centrally visualized, easy and intuitively operated in a comfortable and efficient manner.
One device, all kinds of possibilities. Reviewing of the snapshot image or recorded video when away from home, always feel confidence in knowing what is going on. It is also very easy when hosting a party to leave an audio message or set the automatic unlock time range.

Look thin, and act changeable
Extra thin passe-partout is really trend setting. Front frameless genuine glass in black and white plus easy changeable end strip with different color. Extremely slim in both flush and surface mounted situations represents this new series of indoor panels, in a combination of art and science.
Visualizations tool
As the comfort interface for advanced setting when connecting the outdoor station. The installer can easily set the parameters using IP touch with comfort.

Easy App connection
In-built IPGW allows direct App integration, simply input MyABB account in the screen to activate the function.

Versatile intercom
External intercom
- call other apartment
- call outdoor station
- call guard unit

Internal intercom possible
- call all
- dedicated call
- call 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 7” or 10”, 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.

**App & Cloud**

Local and remote management

Every area of the house can be remotely controlled via the App. This helps the users to get access to every system from everywhere.

**Video surveillance**
- Local and remote real-time live view
- Record and playback video
- Snap shot and browse pictures
- Motion detection and instant alerts

**Access control**
- Local and remote unlock door
- Shows the unlock time in office mode
- Guest account creation and sharing

**Door entry communication**
- Local and remote unlock, light switching, mute call guard
- In-call volume and ringtone adjustment possible
- Internal intercom to App
- SOS
- Control the load on the associated actuator
Welcome App offers a lot of functions and applications depending on your daily habit. Most frequently used functions can be categorized in your easily recognizable place for comfort access and use.

**One App satisfies all the system combinations**
Welcome App is a bottom up integrated platform. It can not only work separately with door communication, access control and video surveillance, but also works with two or all systems together. What is more, the App will be compatible to 2 wire analog Welcome system, the icons and interface will be automatically adapted to the system for you to use.

**Accessible anytime, anywhere**
With ABB MyBuilding Portal you can always connect with your home or building anytime around the world. Welcome App makes it possible to identify and welcome the visitor, viewing the snapshot or real-time video stream not only at home, but also out of home in any place.

**Configuration mode**
Welcome App is not only for the end user, but also for the installer. After entering the configuration mode into the App, the QR code scanning can be utilized to create the building and floor structure efficiently that will help to easily visualize the project. Comfortable, easy and efficient commissioning to set up smartIP into a new benchmark for IP system.

**History log review**
Keep track of visitors and guests going in and out of the building. Dedicated door with time-stamp and date of use, stored locally and in the cloud. Full control at your hands. That is your unique Welcome App.
Property Management and Service
One software for all applications

The system can be equipped with guard unit in the property management rooms for easier communication indoor and outdoor stations.

Smart Management Software
The versatile system is also equipped with property management software, either with a web based version running in the Smart Access Point for small to medium size projects or PC software for big projects which can support above 500 devices. This makes maximum security and convenience possible for homes and buildings.

- Intuitive GUI with drag and drop features makes the configuration easy and efficient
- Flexible offering with standard version running server in the Smart Access Point (support devices <=500) or premium version running the server in PC (no limitation of devices managed)
- Support different versions of web-browser
- API for unlock integration with 3rd party system
- SOS message sending to all devices in case of emergency
- Easy to configure the App for digital cylinder system or CCTV system

The Smart Management Software guides the users easily through the setup of the applications.
Easy management
Manage all your users in one place with just a few simple clicks. You have the opportunity to individually determine who enters when and where, who has the right to view which camera. And if you want to change that just log-in, make your changes and it’s done.

Manage all connected devices
You can manage all connected devices, configure parameters for each device locally or remotely. E.g. to send the personalized Welcome message to the dedicated touch outdoor stations, or to push the floor plan during commissioning to all the indoor stations. You can also manage and upgrade firmware of connected devices, whose latest firmware are pushed from the internet.
**Easy commissioning**
Illustrate very clearly with graphical building and vivid device icons, just 3 steps for the commissioning. First, set up floor plan with its floors and room; second, assign each connected device in the existing floor plan; finally, combine different devices according to your requirements.

**Building-wide messaging**
Communicate with residents easily by utilizing the building-wide messaging capability. Or send a management message to the indoor stations with scope easily determined by the property managers. Either to all or certain parts of the building or users.

**Enhanced security with record event log and receive notification and alert**
Keep track of visitors and guests going in and out of the building; a photo and time-stamp will capture and log all door access events locally and in cloud-based storage, where you can conveniently access the event log at any given time.

**Action among different systems**
You can customize the “When-then” relationships between different systems. This allows rules to be created, such as implementing an automatic shading function: “if the door is released, activate camera to make a snapshot”. Or you can create an automatic notification.
IP Guard Unit for concierges
Supports 24/7 building security

ABB highly regards the value of the guard unit in terms of its contemporary design and functionality; as well as modern touch display for a convenient user experience.

The guard unit with desktop 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 units.

- One of the best modern and high end aesthetic designs
- Metal desktop with brushed aluminum for device body
- Capacitive 7” multi-touch screen
- High resolution 1024 x 600
- Intuitive GUI for easy scrolling operation
- Hands-free and handset communication to combine privacy and ease
- Unlock all doors or dedicated doors in case of emergency
- Intercom with residents or the other guard
- Sending and receiving messages from indoor stations and Apps
All-round video surveillance
Thanks to the IP technology, the guard unit can realize video surveillance and audio communication through outdoor stations now. What is more, the community IP cameras and the standard ON-VIF camera are now also possible as an additional video source to be viewed and stored.

Day and night interception
Don’t worry the moment when the security guard is off work during the night. The Welcome IP guard unit now supports the manual or automated day mode and night mode switching with configurable time ranges determined by the guard that will improve the building security all day long.

Easy directory management
Considering the situation that requires hundreds or even thousands of names in the IP guard unit, it would be a terrible situation. Now thanks to the management software, the building directory list can be created and imported from the PC, which is more natural, comfortable and efficient.
Application
Multiple connections and possibilities

The IP connectivity brings all systems together to create a smartIP ecosystem for a holistic building automation solution in commercial, public or residential buildings.
Applications
Door communication

The door communication ABB-Welcome IP breaks the limitation of distance and apartment quantity. Property management can monitor all the entrances and welcome the guests. At the same time, owners can use the App to open the door remotely.

The door communication in single family house or villa with remote App, all the devices are linked to the same home network.
Applications

Door communication

The door communication in single family house or villa with remote App, dedicated CES network is supported with higher security.
Applications

Door communication

The door communication in single family house or villa with remote App, dedicated DES network is supported with higher security.
Applications
Access control

- Apartments need to replace existing door bell system by smart Access Point
- Small and middle size residential application such as apartments, where door locks are in range of smart Access Point
- Small office, with less than 16 doors
Applications

Access control

- Big size residence with many rooms and floors, where a communication over backbone IP is easier because walls are too thick to transfer wireless signal
- Commercial application, e.g. hospital, school, with high number of doors and long distances from each door to control center
The video surveillance system of ABB-VideoControl can provide the public monitor and private monitor separately. The owner can monitor the public area. The video surveillance system can also combine with burglar system. It can send messages through App to the owner’s cell phone.
Applications
Video surveillance

Surveillance system in single family house or villa with remote App, video could be recorded in local NVR.
Applications

Video surveillance

Surveillance system in single family house or villa with remote App, video could be recorded in cloud.
Applications

The door communication in single family house or villa with remote App, dedicated DES network is supported with higher security.
Applications

Surveillance system in single family house or villa with remote App, video could be recorded in cloud.
Applications
The whole system with management software to simultaneously monitor and both the community of a high building and villa.
## Door entry communication

**ABB-Welcome IP - Video outdoor stations**

### Video outdoor station, touch 5", White

<table>
<thead>
<tr>
<th>Description</th>
<th>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.</th>
</tr>
</thead>
</table>
| Features | - HD video streaming (720P) with 130 degree angle  
- Super anti-fog coating and in-built heater  
- LED indicator for real-time status  
- Intuitive operable touchscreen & virtual keypad integrated  
- Advertising or Developer promotion display area  
- Name list / logo / physical address / logical address calling type  
- Wiegand output available  
- Opening of the door by DES Fire or IC card |
| Technical details | - Flush mounting and surface mounting  
- Dustproof and waterproof as IP54  
- Dimensions: 349 x 135 x 29 mm |
| Version | Touch 5" |
| Article no. | H81381T-W |
| Order no. | 2TMA130010W0013 |

### Video outdoor station, touch 5", Stainless steel

<table>
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<tr>
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- Advertising or Developer promotion display area  
- Name list / logo / physical address / logical address calling type  
- Wiegand output available  
- Opening of the door by DESFire or IC card  
- Brushed stainless steel surface |
| Technical details | - Flush mounting and surface mounting  
- Dustproof and waterproof as IP54, vandal proof as IK07  
- Dimensions: 349 x 135 x 29 mm |
| Version | Touch 5"  
Touch 5" with induction loop |
| Article no. | H81381T-S  
H81382T-S |
| Order no. | 2TMA130010X0009  
2TMA130010X0039 |
Door entry communication
ABB-Welcome IP - Video outdoor stations

Video pushbutton outdoor station, White

Description
Video outdoor station with transponder and pushbutton(s) serves as end device for the communication with IP touch panel, guard unit or property management.

Features
• HD video streaming (720P) with 130 degree angle
• Super anti-fog coating and in-built heater
• LED indicator for real-time status
• 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 night time
• Opening of the door by DESFire or IC card.

Technical details
• Flush mounting and surface mounting
• Dustproof and waterproof as IP54, vandal proof as IK07
• Dimensions: 277 x 135 x 29 mm

Version
1 pushbutton 2 pushbutton 3 pushbutton

Article no. H81381P1-W H81381P2-W H81381P3-W
Order no. 2TMA130010X0004 2TMA130010X0005 2TMA130010X0006

Video pushbutton outdoor station, Stainless steel

Description
Video outdoor station with transponder and pushbutton(s) serves as end device for the communication with IP touch panel, guard unit or property management.

Features
• HD video streaming (720P) with 130 degree angle
• Super anti-fog coating and in-built heater
• LED indicator for real-time status
• 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 night time
• Opening of the door by DESFire or IC card.
• Brushed stainless steel surface

Technical details
• Flush mounting and surface mounting
• Dustproof and waterproof as IP54, vandal proof as IK07
• Dimensions: 277 x 135 x 29 mm

Version
1 pushbutton 2 pushbutton 3 pushbutton

Article no. H81381P1-S H81381P2-S H81381P3-S
Order no. 2TMA130010X0001 2TMA130010X0002 2TMA130010X0003
## Door entry communication

**ABB-Welcome IP - Video outdoor stations**

### Video keypad outdoor station, White

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</thead>
</table>
| Features | • HD video streaming (720P) with 130 degree angle  
• Super anti-fog coating and in-built heater  
• LED indicator for real-time status  
• Module design makes installation as easy as 1-2-3  
• Physical address  
• Wiegand output available  
• Opening of the door by DESFire or ID card or IC card.  
• Brushed stainless steel surface |
| Technical details | • Flush mounting and surface mounting  
• Dustproof and waterproof as IP54, vandal proof as IK07  
• Dimensions: 349 x 135 x 29 mm |
| Version | With ID  
With IC |
| Article no. | H81381K-W  
H81382K-W |
| Order no. | 2TMA130010W0033  
2TMA130010W0037 |

### Video keypad outdoor station, Stainless steel

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• LED indicator for real-time status  
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• Physical address  
• Wiegand output available  
• Opening of the door by DESFire or IC card.  
• Brushed stainless steel surface |
| Technical details | • Flush mounting and surface mounting  
• Dustproof and waterproof as IP54, vandal proof as IK07  
• Dimensions: 349 x 135 x 29 mm |
| Version | With ID  
With IC |
| Article no. | H81383K-S  
H81384K-S |
| Order no. | 2TMA130010X0037  
2TMA130010X0038 |
## Door entry communication
ABB-Welcome IP - Video indoor stations

### IP touch 7", White

<table>
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<tr>
<th>Description</th>
<th>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 video surveillance, access control and home automation.</th>
</tr>
</thead>
</table>
| Features | • Intuitive GUI on sliding screen (1024 x 600)  
  • Clean & consistent design with invisible mic & speaker hole  
  • Slim thickness with 7.8 mm when flush mounted  
  • Color, material, End trip & mounting type selectable  
  • Extension to App without additional system device  
  • Central control panel to DES, Surveillance, Home automation (KNX & F@H)  
  • API & Web-browser enable easy 3rd party integration  
  • Cyber security and data privacy  
  • Easy installation in all kind of walls  
  • PoE and local power supply optional  
  • Remote firmware update |
| Technical details | • Flush mounting and surface mounting  
  • Dustproof and waterproof as IP30  
  • Dimensions: 139 x 150 x 36 mm |
| Version | LAN + WiFi interface with induction loop  
  LAN + LAN interface with induction loop  
  LAN interface with induction loop  
  LAN+WiFi, with induction loop, with SM |
| Article no. | H82364-W  
  H82365-W  
  H82366-W  
  H82367-W |
| Order no. | 2TMA130050W0004  
  2TMA130050W0005  
  2TMA130050W0006  
  2TMA130050W0051 |

### IP touch 7", black

<table>
<thead>
<tr>
<th>Description</th>
<th>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 video surveillance, access control and home automation.</th>
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</table>
| Features | • Intuitive GUI on sliding screen (1024 x 600)  
  • Clean & consistent design with invisible mic & speaker hole  
  • Slim thickness with 7.8 mm when flush mounted  
  • Color, material, End trip & mounting type selectable  
  • Extension to App without additional system device  
  • Central control panel to DES, Surveillance, Home automation (KNX & F@H)  
  • API & Web-browser enable easy 3rd party integration  
  • Cyber security and data privacy  
  • Easy installation in all kind of walls  
  • PoE and local power supply optional  
  • Remote firmware update |
| Technical details | • Flush mounting and surface mounting  
  • Dustproof and waterproof as IP30  
  • Dimensions: 139 x 150 x 36 mm |
| Version | LAN + WiFi interface with induction loop  
  LAN + LAN interface with induction loop  
  LAN interface with induction loop  
  LAN+WiFi, with induction loop, with SM |
| Article no. | H82364-B  
  H82365-B  
  H82366-B  
  H82367-B |
| Order no. | 2TMA130050B0004  
  2TMA130050B0005  
  2TMA130050B0006  
  2TMA130050B0051 |
### Guard unit

**Description**
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 units.

**Features**
- 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

**Technical details**
- Dimensions: 265 x 165 x 117 mm

**Article no.**
H8303

**Order no.**
2TMA130160W0018

### RF repeater

**Description**
RF repeater is for indoor applications, wireless extension of radio range by integrated antenna. No network knowledge is required for the wireless network. The RF repeater is available in the elegant housings and can be combined with all VDE boxes, and also can be surface-mounted on the wall.

**Features**
- Scale up system topology easily
- Easy and fast configuration
- Different power solution to meet different requests
- Firmware update remotely

**Technical details**
- Dimension: 90 x 90 x 28 mm
- Radio interface: IEEE 802.15.4 2.4GHz radio
- Power supply: 24VDC, together with ABB power adaptor
- Environment:
  - Temperature: -10°C to +45°C
  - Protection type: IP30
  - Vandal proof: IK07
  - Humidity: 0 to 95%, non-condensing

**Version**
White

**Article no.**
D04021

**Order no.**
2TMA400260W0003

### A/V module with 720P camera, LAN cable

**Description**
Audio & video module as the heart of outdoor station.

**Features**
- 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

**Technical details**
- Dimensions: 143 x 96 x 28 mm

**Article no.**
H851381M-S

**Order no.**
2TMA130160B0081
### Interface module for LAN + RS485 + 8 alarm zones

**Description**  
Interface module use to extend LAN port, RS485 port, and alarm zones.

**Features**  
- LAN port for private and public network  
- Channels relay output  
  - 1 channel 485 output  
  - 12 V DC, 200 mA output

**Technical details**  
- Dimensions: 82 x 60 x 17 mm

**Article no.**  
52361EX

**Order no.**  
2TMA130160H0049

### IP actuator (LAN port)

**Description**  
Connecting electrical door opener or hall light directly.

**Features**  
- Easy to adjust the switching duration of unlock or the switching of light

**Technical details**  
- Dimensions: 90 x 72 x 65 mm

**Version**  
Grey

**Article no.**  
H8304

**Order no.**  
2TMA130160H0051

### 24VDC mini Power adapter

**Description**  
Power adapter supplies the power for IP touch panel and Wip AP.

**Features**  
- Provide stable power supply input

**Technical details**  
- Dimensions: 44 x 72 x 60 mm  
- Dimensions: 44 x 72 x 60 mm  
- Dimensions: 44 x 72 x 65 mm

**Version**  
Standard

**Article no.**  
53012PS

**Order no.**  
2TMA130160W0024

### Power supply, 27VDC

**Description**  
Power adapter supplies the power for system devices.

**Features**  
- Support over voltage, over current, over-heat and short-circuit protection

**Technical details**  
- Dimensions: 178 x 90 x 65 mm

**Article no.**  
53021PS

**Order no.**  
2TMA130160H0085
# Door entry communication

**ABB-Welcome IP - Installation material**

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

<table>
<thead>
<tr>
<th>Description</th>
<th>Mounting of outdoor station into the wall</th>
</tr>
</thead>
</table>
| **Features**                     | • The flush mounting box is fitted with knock down holes for cabling from left, right, bottom or back.  
|                                  | • The product is packed with accessories to ensure qualified installation. |
| **Technical details**            | • Dimensions: 139 x 150 x 36 mm           |
| **Version**                      | Anthracite                                |
| **Article no.**                  | 41381F-B                                  |
| **Order no.**                    | 2TMA130160B0001                           |
| **Version**                      | Grey                                      |
| **Article no.**                  | 41381F-H                                  |
| **Order no.**                    | 2TMA130160H0001                           |

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

<table>
<thead>
<tr>
<th>Description</th>
<th>Mounting of outdoor station into the wall</th>
</tr>
</thead>
</table>
| **Features**                     | • The flush mounting box is fitted with knock down holes for cabling from left, right, bottom or back.  
|                                  | • The product is packed with accessories to ensure qualified installation. |
| **Technical details**            | • Dimensions: 139 x 150 x 36 mm           |
| **Version**                      | Anthracite                                |
| **Article no.**                  | 41382F-B                                  |
| **Order no.**                    | 2TMA130160B0002                           |
| **Version**                      | Grey                                      |
| **Article no.**                  | 41382F-H                                  |
| **Order no.**                    | 2TMA130160H0002                           |

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

<table>
<thead>
<tr>
<th>Description</th>
<th>Mounting of outdoor station into the wall</th>
</tr>
</thead>
</table>
| **Features**                     | • The flush mounting box is fitted with knock down holes for cabling from left, right, bottom or back.  
|                                  | • The product is packed with accessories to ensure qualified installation. |
| **Technical details**            | • Dimensions: 275 x 133 x 52 mm           |
| **Version**                      | Anthracite                                |
| **Article no.**                  | 41383F-B                                  |
| **Order no.**                    | 2TMA130160B0003                           |
| **Version**                      | Grey                                      |
| **Article no.**                  | 41383F-H                                  |
| **Order no.**                    | 2TMA130160H0003                           |

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

<table>
<thead>
<tr>
<th>Description</th>
<th>Mounting of outdoor station into the wall</th>
</tr>
</thead>
</table>
| **Features**                     | • The flush mounting box is fitted with knock down holes for cabling from left, right, bottom or back.  
|                                  | • The product is packed with accessories to ensure qualified installation. |
| **Technical details**            | • Dimensions: 347 x 133 x 52 mm           |
| **Version**                      | Anthracite                                |
| **Article no.**                  | 41384F-B                                  |
| **Order no.**                    | 2TMA130160B0004                           |
| **Version**                      | Grey                                      |
| **Article no.**                  | 41384F-H                                  |
| **Order no.**                    | 2TMA130160H0004                           |
## Door entry communication
### ABB-Welcome IP - Installation material

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

<table>
<thead>
<tr>
<th>Description</th>
<th>Mounting of outdoor station into the wall</th>
</tr>
</thead>
</table>
| Features                     | • The flush mounting box is fitted with knock down holes for cabling from left, right, bottom or back.  
• The product is packed with accessories to ensure qualified installation. |
| Technical details            | • Dimensions: 419 x 133 x 52 mm           |
| Version                      | Anthracite                               |
| Article no.                  | 41385F-B                                 |
| Order no.                    | 2TMA130160B0005                          |
| Article no.                  | 41385F-H                                 |
| Order no.                    | 2TMA130160H0005                          |

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

<table>
<thead>
<tr>
<th>Description</th>
<th>Mounting of outdoor station into the wall</th>
</tr>
</thead>
</table>
| Features                     | • The flush mounting box is fitted with knock down holes for cabling from left, right, bottom or back.  
• The product is packed with accessories to ensure qualified installation. |
| Technical details            | • Dimensions: 275 x 233 x 52 mm           |
| Version                      | Anthracite                               |
| Article no.                  | 41386F-B                                 |
| Order no.                    | 2TMA130160B0006                          |
| Article no.                  | 41386F-H                                 |
| Order no.                    | 2TMA130160H0006                          |

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

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

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

<table>
<thead>
<tr>
<th>Description</th>
<th>Mounting of outdoor station on the wall</th>
</tr>
</thead>
</table>
| Features                     | • For surface-mounted installation of outdoor station.  
• The product is packed with accessories to ensure qualified installation. |
| Technical details            | • Dimensions: 203 x 133 x 32 mm         |
| Version                      | Anthracite                               |
| Article no.                  | 41382S-B                                 |
| Order no.                    | 2TMA130160B0010                          |
| Article no.                  | 41382S-H                                 |
| Order no.                    | 2TMA130160H0010                          |
# Door entry communication

**ABB-Welcome IP - Installation material**

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

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

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

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

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

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

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

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

## Surface mounted box for IPtouch 7

<table>
<thead>
<tr>
<th>Description</th>
<th>Mounting of IP Touch on the wall</th>
</tr>
</thead>
</table>
| Features          | • For surface-mounted installation of outdoor station.  
                    • The product is packed with accessories to ensure qualified installation. |
| Technical details | • Dimensions: 197 x 148 x 13 mm |
| Version           | White  
                    Black |
| Article no.       | 42361S-W  
                    42361S-B |
| Order no.         | 2TMA130160W0017  
                    2TMA130160B0080 |
### Door entry communication

**ABB-Welcome IP - Installation material**

#### Flush mounted box for IPtouch 7

<table>
<thead>
<tr>
<th>Description</th>
<th>Serves for assembling of outdoor station modules as a complete outdoor station.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Features</td>
<td>• For surface-mounted installation of outdoor station.</td>
</tr>
<tr>
<td></td>
<td>• The product is packed with accessories to ensure qualified installation.</td>
</tr>
<tr>
<td>Technical details</td>
<td>• Dimensions: 194 x 145 x 55 mm</td>
</tr>
<tr>
<td>Version</td>
<td>2 boxes together</td>
</tr>
<tr>
<td>Article no.</td>
<td>42361F</td>
</tr>
<tr>
<td>Order no.</td>
<td>2TMA130160H0050</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Description</th>
<th>Serves for the mounting of outdoor station into the wall for higher stability.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Features</td>
<td>• For surface-mounted installation of outdoor station.</td>
</tr>
<tr>
<td></td>
<td>• The product is packed with accessories to ensure qualified installation.</td>
</tr>
<tr>
<td>Technical details</td>
<td>• Dimensions: 133 x 124 x 65 mm</td>
</tr>
<tr>
<td>Version</td>
<td>Anthracite</td>
</tr>
<tr>
<td>Article no.</td>
<td>41381PB</td>
</tr>
<tr>
<td>Order no.</td>
<td>2TMA13016080017</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Description</th>
<th>Serves for the mounting of outdoor station into the wall for higher stability.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Features</td>
<td>• For surface-mounted installation of outdoor station.</td>
</tr>
<tr>
<td></td>
<td>• The product is packed with accessories to ensure qualified installation.</td>
</tr>
<tr>
<td>Technical details</td>
<td>• Dimensions: 199 x 124 x 65 mm</td>
</tr>
<tr>
<td>Version</td>
<td>Anthracite</td>
</tr>
<tr>
<td>Article no.</td>
<td>41382PB</td>
</tr>
<tr>
<td>Order no.</td>
<td>2TMA13016080018</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Description</th>
<th>Serves for the mounting of outdoor station into the wall for higher stability.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Features</td>
<td>• For surface-mounted installation of outdoor station.</td>
</tr>
<tr>
<td></td>
<td>• The product is packed with accessories to ensure qualified installation.</td>
</tr>
<tr>
<td>Technical details</td>
<td>• Dimensions: 270 x 124 x 65 mm</td>
</tr>
<tr>
<td>Version</td>
<td>Anthracite</td>
</tr>
<tr>
<td>Article no.</td>
<td>41383PB</td>
</tr>
<tr>
<td>Order no.</td>
<td>2TMA13016080019</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Description</th>
<th>Serves for the mounting of outdoor station into the wall for higher stability.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Features</td>
<td>• For surface-mounted installation of outdoor station.</td>
</tr>
<tr>
<td></td>
<td>• The product is packed with accessories to ensure qualified installation.</td>
</tr>
<tr>
<td>Technical details</td>
<td>• Dimensions: 347 x 124 x 65 mm</td>
</tr>
<tr>
<td>Version</td>
<td>Anthracite</td>
</tr>
<tr>
<td>Article no.</td>
<td>41384PB</td>
</tr>
<tr>
<td>Order no.</td>
<td>2TMA13016080020</td>
</tr>
</tbody>
</table>
### Door entry communication
ABB-Welcome IP - Installation material

<table>
<thead>
<tr>
<th>Pre-installation box, 5 modules, size 1/5</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Description</strong></td>
<td>Serves for the mounting of outdoor station into the wall for higher stability.</td>
</tr>
</tbody>
</table>
| **Features**                             | • For surface-mounted installation of outdoor station.  
|                                          | • The product is packed with accessories to ensure qualified installation. |
| **Technical details**                    | • Dimensions: 415 x 124 x 65 mm |
| **Version**                              | Anthracite |
| **Article no.**                           | 41385PB |
| **Order no.**                             | 2TMA130160B0021 |

<table>
<thead>
<tr>
<th>Pre-installation box, 6 modules, size 2/3</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Description</strong></td>
<td>Serves for the mounting of outdoor station into the wall for higher stability.</td>
</tr>
</tbody>
</table>
| **Features**                             | • For surface-mounted installation of outdoor station.  
|                                          | • The product is packed with accessories to ensure qualified installation. |
| **Technical details**                    | • Dimensions: 332 x 271 x 224 mm |
| **Version**                              | Anthracite |
| **Article no.**                           | 41386PB |
| **Order no.**                             | 2TMA130160B0022 |

<table>
<thead>
<tr>
<th>Rain hood, size 1/x, For SM</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Description</strong></td>
<td>Rain hood for rust and water protection</td>
</tr>
<tr>
<td><strong>Features</strong></td>
<td>• The aluminum rain hood is designed to adapt to both surface mounting</td>
</tr>
<tr>
<td><strong>Technical details</strong></td>
<td>• Dimensions: 176 x 98 x 143 mm</td>
</tr>
<tr>
<td><strong>Version</strong></td>
<td>For surface mounted</td>
</tr>
<tr>
<td><strong>Article no.</strong></td>
<td>41383RH</td>
</tr>
<tr>
<td><strong>Order no.</strong></td>
<td>2TMA130160A0009</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Rain hood, size 2/x, Aluminium</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Description</strong></td>
<td>Rain hood for rust and water protection</td>
</tr>
<tr>
<td><strong>Features</strong></td>
<td>• The aluminum rain hood is designed to adapt to both surface mounting</td>
</tr>
<tr>
<td><strong>Technical details</strong></td>
<td>• Dimensions: 263 x 98 x 143 mm</td>
</tr>
<tr>
<td><strong>Version</strong></td>
<td>For surface mounted</td>
</tr>
<tr>
<td><strong>Article no.</strong></td>
<td>41384RH</td>
</tr>
<tr>
<td><strong>Order no.</strong></td>
<td>2TMA130160A0010</td>
</tr>
</tbody>
</table>
## Door entry communication

### ABB-Welcome IP - Installation material

<table>
<thead>
<tr>
<th>Rain hood, size 1/x, Aluminium</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Description</strong></td>
</tr>
<tr>
<td><strong>Features</strong></td>
</tr>
<tr>
<td><strong>Technical details</strong></td>
</tr>
<tr>
<td><strong>Version</strong></td>
</tr>
<tr>
<td><strong>Article no.</strong></td>
</tr>
<tr>
<td><strong>Order no.</strong></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Rain hood, size 2/x, Aluminium</th>
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<td><strong>Description</strong></td>
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<tr>
<td><strong>Features</strong></td>
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<td><strong>Article no.</strong></td>
</tr>
<tr>
<td><strong>Order no.</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Rain hood, size 3/x, Aluminium</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Description</strong></td>
</tr>
<tr>
<td><strong>Features</strong></td>
</tr>
<tr>
<td><strong>Technical details</strong></td>
</tr>
<tr>
<td><strong>Version</strong></td>
</tr>
<tr>
<td><strong>Article no.</strong></td>
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<tr>
<td><strong>Order no.</strong></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Video outdoor station frame, size 1/3</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Description</strong></td>
</tr>
<tr>
<td><strong>Features</strong></td>
</tr>
<tr>
<td><strong>Technical details</strong></td>
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<tr>
<td><strong>Version</strong></td>
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<tr>
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<tr>
<td><strong>Order no.</strong></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Video outdoor station frame, size 1/4</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Description</strong></td>
</tr>
<tr>
<td><strong>Features</strong></td>
</tr>
<tr>
<td><strong>Technical details</strong></td>
</tr>
<tr>
<td><strong>Version</strong></td>
</tr>
<tr>
<td><strong>Article no.</strong></td>
</tr>
<tr>
<td><strong>Order no.</strong></td>
</tr>
</tbody>
</table>
Door entry communication
ABB-Welcome IP - Installation material

<table>
<thead>
<tr>
<th>Video outdoor station frame, size 1/5</th>
<th>Description</th>
<th>Installation materials that are used for outdoor station</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Features</td>
<td>• The invisible screw design is aesthetically pleasing</td>
</tr>
<tr>
<td></td>
<td>Technical details</td>
<td>• Dimensions: 349 x 135 x 18 mm</td>
</tr>
<tr>
<td></td>
<td>Version</td>
<td>White Stainless steel</td>
</tr>
<tr>
<td></td>
<td>Article no.</td>
<td>41385CF-W 41385CF-S</td>
</tr>
<tr>
<td></td>
<td>Order no.</td>
<td>2TMA130160W0004 2TMA130160X0006</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Video outdoor station frame, size 2/3</th>
<th>Description</th>
<th>Installation materials that are used for outdoor station</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Features</td>
<td>• The invisible screw design is aesthetically pleasing</td>
</tr>
<tr>
<td></td>
<td>Technical details</td>
<td>• Dimensions: 277 x 235 x 18 mm</td>
</tr>
<tr>
<td></td>
<td>Version</td>
<td>Stainless steel</td>
</tr>
<tr>
<td></td>
<td>Article no.</td>
<td>41386CF-S</td>
</tr>
<tr>
<td></td>
<td>Order no.</td>
<td>2TMA130160X0007</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Video outdoor station frame without A/V module, size 1/3</th>
<th>Description</th>
<th>Installation materials that are used for outdoor station</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Features</td>
<td>• The invisible screw design is aesthetically pleasing</td>
</tr>
<tr>
<td></td>
<td>Technical details</td>
<td>• Dimensions: 277 x 135 x 18 mm</td>
</tr>
<tr>
<td></td>
<td>Version</td>
<td>Stainless steel</td>
</tr>
<tr>
<td></td>
<td>Article no.</td>
<td>41393CF-S</td>
</tr>
<tr>
<td></td>
<td>Order no.</td>
<td>2TMA130160X0060</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Video outdoor station frame without A/V module, size 1/4</th>
<th>Description</th>
<th>Installation materials that are used for outdoor station</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Features</td>
<td>• The invisible screw design is aesthetically pleasing</td>
</tr>
<tr>
<td></td>
<td>Technical details</td>
<td>• Dimensions: 349 x 135 x 18 mm</td>
</tr>
<tr>
<td></td>
<td>Version</td>
<td>Stainless steel</td>
</tr>
<tr>
<td></td>
<td>Article no.</td>
<td>41394CF-S</td>
</tr>
<tr>
<td></td>
<td>Order no.</td>
<td>2TMA130160X0064</td>
</tr>
</tbody>
</table>
# Door entry communication

**ABB-Welcome IP - Outdoor station modules**

## Round pushbutton

<table>
<thead>
<tr>
<th>Description</th>
<th>1/2/3 pushbutton for visitor to press for calling</th>
</tr>
</thead>
</table>
| Features    | • Pushbutton could be programmed as you want (switch on lighting, call indoor station or guard unit)  
• Bright back-light ensures clear nameplate at night time  
• Opening of the door by DESFire or IC card |

<table>
<thead>
<tr>
<th>Technical details</th>
<th>Dimensions: 97 x 72 x 25 mm</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Version</th>
<th>1</th>
<th>2</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Article no.</td>
<td>51381RP1</td>
<td>51381RP2</td>
<td>51381RP3</td>
</tr>
<tr>
<td>Order no.</td>
<td>2TMA130160N0003</td>
<td>2TMA130160N0004</td>
<td>2TMA130160N0005</td>
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</table>

<table>
<thead>
<tr>
<th>Version</th>
<th>with NFC/IC -1</th>
<th>with NFC/IC -2</th>
<th>with NFC/IC -3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Article no.</td>
<td>51382RP1</td>
<td>51382RP2</td>
<td>51382RP3</td>
</tr>
<tr>
<td>Order no.</td>
<td>2TMA130160N0006</td>
<td>2TMA130160N0007</td>
<td>2TMA130160N0008</td>
</tr>
</tbody>
</table>

## Bar pushbutton

<table>
<thead>
<tr>
<th>Description</th>
<th>3/6 or 4/8 pushbutton for visitor to press for calling</th>
</tr>
</thead>
</table>
| Features    | • Pushbutton could be programmed as one column or double columns  
• Bright back-light ensures clear nameplate at night time |

<table>
<thead>
<tr>
<th>Technical details</th>
<th>Dimensions: 97 x 72 x 25 mm</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Version</th>
<th>3 (Bar button)</th>
<th>4 (Bar button)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Article no.</td>
<td>51381SP3</td>
<td>51381SP4</td>
</tr>
<tr>
<td>Order no.</td>
<td>2TMA130160N0001</td>
<td>2TMA130160N0002</td>
</tr>
</tbody>
</table>

## Big display module

<table>
<thead>
<tr>
<th>Description</th>
<th>Integrated with transponder and keypad serves as big touch screen for daily operation for residential owners and visitors.</th>
</tr>
</thead>
</table>
| Features    | • 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 IC card.  
• Wiegand output available |

<table>
<thead>
<tr>
<th>Technical details</th>
<th>Dimensions: 143 x 96 x 23 mm</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Version</th>
<th>(5 inch) (IC/Desfire)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Article no.</td>
<td>HB51381DP</td>
</tr>
<tr>
<td>Order no.</td>
<td>2TMA130160B0082</td>
</tr>
</tbody>
</table>

## Keypad with 1abc input

<table>
<thead>
<tr>
<th>Description</th>
<th>Digital inputing module for keypad outdoor station</th>
</tr>
</thead>
</table>
| Features    | • Brushed stainless steel surface  
• Wiegand output available  
• Customized passwords are allowed  
• Back-light automatically on for visibility at night  
• Call guard unit is available |

<table>
<thead>
<tr>
<th>Technical details</th>
<th>Dimensions: 97 x 72 x 25 mm</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Version</th>
<th>Stainless steel</th>
<th>White</th>
</tr>
</thead>
<tbody>
<tr>
<td>Article no.</td>
<td>51381K-S</td>
<td>51381K-W</td>
</tr>
<tr>
<td>Order no.</td>
<td>2TMA130160X0001</td>
<td>2TMA130010W0014</td>
</tr>
</tbody>
</table>
# Door entry communication

**ABB-Welcome IP - Outdoor station modules**

## Description
Display module ensure the customized message, code, and legible number always can be read.

### Features
- Physical address / logical address calling type
- Opening of the door by DESFire or IC card.
- Wiegand output available
- Up to 5000 pcs cards can be registered

### Technical details
- Dimensions: 97 x 72 x 25 mm

### Version
- IC Card
- ID Card

### Article no.
- 51382CR
- 51381CR

### Order no.
- 2TMA130160N0009
- 2TMA130160N0010

---

## ITPouch 7, accessories, end strip

### Description
End strip for IP touch 7 inch panel

### Features
- Easy to install and replace
- Different colors to meet your needs

### Technical details
- Dimensions: 198.51 x 16.2 x 7.4 mm

### Version
- Stainless steel
- Silver
- Gold
- Anthracite

### Article no.
- 52361EP-X
- 52361EP-S
- 52361EP-G
- 52361EP-H

### Order no.
- 2TMA130160X0002
- 2TMA130160S0001
- 2TMA130160G0001
- 2TMA130160H0052

---

## Outdoor station End-strip

### Description
End strip for outdoor station cover frame.

### Features
- Easy to install and replace

### Technical details
- Dimensions: 71 x 135 x 19 mm

### Version
- Stainless steel
- White

### Article no.
- 51381EP-S
- 5138EP-W
- 5138EP-S

### Order no.
- 2TMA130160X0002
- 2TMA130160W0001
- 2TMA130160X0003
**Cushion set for surface-mounted installation**

**Description**
Spare part for surface mounting when the installation cable lay on the wall

**Features**
- Easy to installation

**Technical details**
Dimensions: 15 x 10 x 5 mm

**Article no.**
52311C

**Order no.**
2TMA210160W0001

---

**Joining fixture**

**Description**
Joining fixture used when more than one flush mounted box needs to be connected together.

**Features**
- Easy to integrate mounting boxes together

**Technical details**
Dimensions: 83 x 120 x 80 mm

**Article no.**
51381J

**Order no.**
2TMA130160B0124

---

**Mounting tool**

**Description**
The mounting tool used to dismount the outdoor station.

**Features**
- Easy to installation and removal end strip

**Technical details**
Dimensions: 14 x 165 x 26 mm

**Version**
- 135mm panel
- 125mm panel

**Article no.**
- 51381MT
- 51351MT

**Order no.**
- 2TMA130160B0025
- 2TMA130160B0120

---
Video surveillance
ABB-VideoControl - IP Cameras

**Bullet IP Camera**

**Description**
Bullet camera designed for outdoor applications

**Features**
- 1/2.8" Progressive Scan CMOS
- Motorized lens 2.7~12mm
- 25fps/30fps@4MP (2592 x 1520)
- Triple Streams
- Smart IR Up to 40m
- Low bitrate, Excellent low light performance
- WDR, 3D DNR
- ROI, Defog, HLC, Corridor mode, DIS
- Support video data encryption

**Technical details**
- Power Supply: DC 12 V/POE
- Power Consumption: 7W
- Working Temperature: –30°C ~ 55°C (~22°F ~ 131°F)
- Operating Humidity: 0% ~ 90% RH
- Ingress Protection: IP66
- Approvals: CE / FCC / CCC
- Product Dimensions: 194.4 x 63 x 63mm
- Product Weight: 500g

**Version**
White

**Article no.**
C81031-W

**Order no.**
2TMA500010W0009

**Mini Bullet IP Camera**

**Description**
Mini bullet camera designed for outdoor applications

**Features**
- 1/2.8" Progressive Scan CMOS
- 2.8mm (3.6mm optional)
- 25fps/30fps@4MP (2592 x 1520)
- Triple Streams
- Smart IR Up to 30m
- Low bitrate, Excellent low light performance
- WDR, 3D DNR
- ROI, Defog, HLC, Corridor mode, DIS
- Support video data encryption

**Technical details**
- Power Supply: DC 12 V/POE
- Power Consumption: 6W
- Working Temperature: –30 °C ~ 55 °C (~22 °F ~ 131 °F)
- Operating Humidity: 0% ~ 90% RH
- Ingress Protection: IP66
- Approvals: CE / FCC / CCC
- Product Dimensions: 194.4 × 63 × 63 mm
- Product Weight: 670g

**Version**
White

**Article no.**
C81041-W

**Order no.**
2TMA500010W0013
# Video surveillance

## ABB-VideoControl - IP Cameras

### Doom IP Camera

**Description**
Dome IP camera designed for outdoor applications

**Features**
- 1/2.8" Progressive Scan CMOS
- Motorized lens 2.7~12mm
- 25fps/30fps@4MP (2592 x 1520)
- Triple Streams
- Smart IR Up to 30m
- Low bitrate, Excellent low light performance
- WDR, 3D DNR
- ROI, Defog, HLC, Corridor mode, DIS
- Support video data encryption

**Technical details**
- Power Supply: DC 12 V/POE
- Power Consumption: 5W
- Working Temperature: –30°C ~ 55°C (~22°F ~ 131°F)
- Operating Humidity: 0% ~ 90% RH
- Ingress Protection: IP66
- Approvals: CE / FCC / CCC
- Product Dimensions: ø130 x 112 mm
- Product Weight: 690g

**Version**
White

**Article no.**
C81011-W

**Order no.**
2TMA500010W0001

### Mini Doom IP Camera

**Description**
Mini Dome IP camera designed for outdoor applications

**Features**
- 1/2.8" Progressive Scan CMOS
- 2.8 mm
- 25fps/30fps@4MP (2592 x 1520)
- Triple Streams
- Smart IR Up to 30m
- Low bitrate, Excellent low light performance
- WDR, 3D DNR
- ROI, Defog, HLC, Corridor mode, DIS
- Support video data encryption

**Technical details**
- Power Supply: DC 12 V/POE
- Power Consumption: 5W
- Working Temperature: –30°C ~ 55°C (~22°F ~ 131°F)
- Operating Humidity: 0% ~ 90% RH
- Ingress Protection: IP66, IK10
- Approvals: CE / FCC / CCC
- Product Dimensions: ø110 x 85.4 mm
- Product Weight: 390g

**Version**
White

**Article no.**
C81021-W

**Order no.**
2TMA500010W0005
### Video surveillance

**ABB-VideoControl - System devices**

<table>
<thead>
<tr>
<th>4 port PoE NVR</th>
<th>8 port PoE NVR</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Description</strong></td>
<td>4 CH Network Video Recorder with 4CH PoE</td>
</tr>
</tbody>
</table>
| **Features** | • Up to 4ch IP cameras access  
• Easy commissioning  
• 1 SATA hard disk up to 10TB  
• 1 RJ45 10M/100M network interface  
• 4ch POE Ports  
• Simultaneous HD-OUT&VGA up to 4M output  
• 1 x 2.0 USB Host, 1 x 3.0 USB Host  
• 4ch Alarm In/1ch Alarm Out  
• 1ch Audio I/O |
| **Technical details** | • DC48V  
• 10 °C ~ 45 °C (14 °F ~ 122 °F)  
• 0% - 90% RH  
• CE/FCC  
• 255×235×47.5mm  
• 0.9kg |
| **Version** | Black |
| **Article no.** | C82011-B |
| **Order no.** | 2TMA500110B0009 |

<table>
<thead>
<tr>
<th>4 port PoE NVR</th>
<th>8 port PoE NVR</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Description</strong></td>
<td>8 CH Network Video Recorder with 8CH PoE</td>
</tr>
</tbody>
</table>
| **Features** | • Up to 8ch IP cameras access  
• Easy commissioning  
• 1 SATA hard disk up to 10TB  
• 1 RJ45 10M/100M network interface  
• 8ch POE Ports  
• Simultaneous HD-OUT&VGA up to 4M output  
• 1 x 2.0 USB Host, 1 x 3.0 USB Host  
• 8ch Alarm In/1ch Alarm Out  
• 1ch Audio I/O |
| **Technical details** | • DC48V  
• -10 °C ~ 45 °C (14 °F ~ 122 °F)  
• 0% - 90% RH  
• CE/FCC  
• 255×235×47.5mm  
• 1kg |
| **Version** | Black |
| **Article no.** | C82012-B |
| **Order no.** | 2TMA500110B0013 |
### Video surveillance

**ABB-VideoControl - Accessories**

<table>
<thead>
<tr>
<th>Junction box</th>
<th>Description</th>
<th>Version</th>
<th>Article no.</th>
<th>Order no.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Installation accessories</td>
<td>Support Dom/Mini Dom</td>
<td>C83051-W</td>
<td>2TMA500160W0006</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Support Bullet/Mini Bullet</td>
<td>C83053-W</td>
<td>2TMA500160W0008</td>
</tr>
</tbody>
</table>
### Smart Access Point

**Description**
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.

**Features**
- Easy commissioning
- Access rights, who, where, when...
- 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

**Technical details**
- Dimension: 204 mm × 132 mm × 32 mm
- 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
- 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

**Version**
- **Lite**
  - Article no.: D04012
  - Order no.: 2TMA400260W0001
- **Pro**
  - Article no.: D04011
  - Order no.: 2TMA400260W0002
### Access control

**ABB-AccessControl - Accessories**

<table>
<thead>
<tr>
<th>Tag</th>
<th>Description</th>
<th>Features</th>
<th>Technical details</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>The tag is based on RFID chip technology. Available in electronic cylinders and ABB outdoor readers. With a special encryption to ensure secure controlled access.</td>
<td>• 13.56MHz contactless RFID identification, DESfireEV1 (256, 2K, 4K, 8K bytes).&lt;br&gt;• Compatible in all ABB devices&lt;br&gt;• Multi-color design&lt;br&gt;• Modern design with ID-number layout&lt;br&gt;• Waterproof</td>
<td>• 13.56MHz, Mifare DESfireEV1 chip</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Version</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Article no.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Order no.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Maintenance tool</th>
<th>Description</th>
<th>Article no.</th>
<th>Order no.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>A professional tool to dismantle / fasten the knob, to install in new door, or replace battery</td>
<td>D080MT-03</td>
<td>2CKA008300A0997</td>
</tr>
</tbody>
</table>
Access control
ABB-AcccessControl - Cylinders

Half-cylinder lock with digital knob

**Description**
The cylinder is suitable for any interior or weather-proofed exterior door, making it a very versatile solution. As there is no wiring whatsoever, mounting and replacement is completed in next to no time, whether you are installing a cylinder for the first time or retrofitting. The cylinder can be operated offline, in a local networked configuration or online through internet.

**Features**
- Simple installation and easy retrofit to traditional mechanical cylinder
- Different portfolios to meet different user scenarios
- Simple and intuitive design
- Highly secure on mechanical protection and data transfer
- Easy and feasible configuration and daily management

**Technical details**
- **Supported RFID standards**
  - MIFARE (DESFire EV1)
- **Radio interface:**
  - Bluetooth standard: 4.2
  - Bluetooth frequency: 2.4 GHz
  - Power supply/service life:
    - 4 x LR1 alkaline batteries
    - Battery life at 20°C: up to 130,000 cycles or up to 3 years
- **Environment**
  - Temperature: -35°C to -55°C
  - Humidity: 0 to 95%, non-condensing

**Certification symbol**
- CE, UL, CCC, FCC, IP66, RCM, EAC, WEEE

**European version profile half cylinder**

<table>
<thead>
<tr>
<th>Order no.</th>
<th>Article no.</th>
<th>Technical data</th>
<th>Order no.</th>
<th>Article no.</th>
<th>Technical data</th>
</tr>
</thead>
<tbody>
<tr>
<td>2CKA008300A0711</td>
<td>D01EU300008NF1-04</td>
<td>30/00</td>
<td>2CKA008300A0738</td>
<td>D01EU304008NF1-04</td>
<td>30/40</td>
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<td>D01EU350008NF1-04</td>
<td>35/00</td>
<td>2CKA008300A0739</td>
<td>D01EU354008NF1-04</td>
<td>35/40</td>
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<td>40/00</td>
<td>2CKA008300A0740</td>
<td>D01EU404008NF1-04</td>
<td>40/40</td>
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<td>D01EU450008NF1-04</td>
<td>45/00</td>
<td>2CKA008300A0741</td>
<td>D01EU454008NF1-04</td>
<td>45/40</td>
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<td>50/00</td>
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<td>65/00</td>
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<td>D01EU654008NF1-04</td>
<td>65/40</td>
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<td>70/00</td>
<td>2CKA008300A0746</td>
<td>D01EU704008NF1-04</td>
<td>70/40</td>
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<tr>
<td>2CKA008300A0720</td>
<td>D01EU303008NF1-04</td>
<td>30/30</td>
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Access control
ABB-AccessControl - Cylinders

Cylinder lock with reader digital knob and thumbturn

Description
The cylinder is suitable for any interior or weather-proofed exterior door, making it a very versatile solution. As there is no wiring whatsoever, mounting and replacement is completed in next to no time, whether you are installing a cylinder for the first time or retrofitting. The cylinder can be operated offline, in a local networked configuration or online through internet.

Features
- Simple installation and easy retrofit to traditional mechanical cylinder
- Different portfolios to meet different user scenarios
- Simple and intuitive design
- Highly security on mechanical protection and data transfer
- Easy and feasible configuration and daily management

Technical details
Supported RFID standards
- MIFARE (DESFire EV1)
Radio interface:
- Bluetooth standard: 4.2
- Bluetooth frequency: 2.4 GHz
Power supply/service life:
- 4 x LR1 alkaline batteries
- Battery life at 20°C: up to 130,000 cycles or up to 3 years
Environment
- Temperature: -35°C to -55°C
- Humidity: 0 to 95%, non-condensing
Certification symbol
- CE, UL, CCC, FCC, IP66, RCM, EAC, WEEE

European version cylinder with thumbturn

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European version cylinder with thumbturn

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Half-cylinder lock with digital knob

**Description**
The cylinder is suitable for any interior or weather-proofed exterior door, making it a very versatile solution. As there is no wiring whatsoever, mounting and replacement is completed in next to no time, whether you are installing a cylinder for the first time or retrofitting. The cylinder can be operated offline, in a local networked configuration or online through internet.

**Features**
- Simple installation and easy retrofit to traditional mechanical cylinder
- Different portfolios to meet different user scenarios
- Simple and intuitive design
- Highly security on mechanical protection and data transfer
- Easy and feasible configuration and daily management

**Technical details**
- Supported RFID standards: MIFARE (DESFire EV1)
- Radio interface:
  - Bluetooth standard: 4.2
  - Bluetooth frequency: 2.4 GHz
- Power supply/service life:
  - 4 x LR1 alkaline batteries
  - Battery life at 20°C: up to 130,000 cycles or up to 3 years
- Environment
  - Temperature: -35°C to -55°C
  - Humidity: 0 to 95%, non-condensing
- Certification symbol
  - CE, UL, CCC, FCC, IP66, RCM, EAC, WEEE

**Swiss version round profile half cylinder**

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Cylinder lock with reader digital knob and thumbturn

Description
The cylinder is suitable for any interior or weather-proofed exterior door, making it a very versatile solution. As there is no wiring whatsoever, mounting and replacement is completed in next to no time, whether you are installing a cylinder for the first time or retrofitting. The cylinder can be operated offline, in a local networked configuration or online through internet.

Features
• Simple installation and easy retrofit to traditional mechanical cylinder
• Different portfolios to meet different user scenarios
• Simple and intuitive design
• Highly security on mechanical protection and data transfer
• Easy and feasible configuration and daily management

Technical details
Supported RFID standards
• MIFARE (DESFire EV1)
Radio interface:
• Bluetooth standard: 4.2
• Bluetooth frequency: 2.4 GHz
Power supply/service life:
• 4 x LR1 alkaline batteries
• Battery life at 20°C: up to 130,000 cycles or up to 3 years
Environment
• Temperature: -35°C to -55°C
• Humidity: 0 to 95%, non-condensing
Certification symbol
• CE, UL, CCC, FCC, IP66, RCM, EAC, WEEE

Swiss version round profile cylinder with thumbturn

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## Access control

**ABB-AcccessControl - Cylinders**

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*Swiss version round profile cylinder with thumbturn*
ANSI Mortice cylinder lock

Description
The cylinder is suitable for any interior or weather-proofed exterior door, making it a very versatile solution. As there is no wiring whatsoever, mounting and replacement is completed in next to no time, whether you are installing a cylinder for the first time or retrofitting. The cylinder can be operated offline, in a local networked configuration or online through internet.

Features
- Simple installation and easy retrofit to traditional mechanical cylinder
- Different portfolios to meet different user scenarios
- Simple and intuitive design
- Highly security on mechanical protection and data transfer
- Easy and feasible configuration and daily management

Technical details
- Supported RFID standards
  - MIFARE (DESFire EV1)
- Radio interface:
  - Bluetooth standard: 4.2
  - Bluetooth frequency: 2.4 GHz
- Power supply/service life:
  - 4 x LR1 alkaline batteries
  - Battery life at 20°C: up to 130,000 cycles or up to 3 years
- Environment
  - Temperature: -35°C to -55°C
  - Humidity: 0 to 95%, non-condensing
- Certification symbol
  - CE, UL, CCC, FCC, IP66, RCM, EAC, WEEE

US version mortise profile cylinder

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Access control
ABB-AcccessControl - Cylinders
Access control
ABB-AccessControl - Cylinders

El. Cylinder 30/00 N SC

Description
The cylinder is suitable for any interior or weather-proofed exterior door, making it a very versatile solution. As there is no wiring whatsoever, mounting and replacement is completed in next to no time, whether you are installing a cylinder for the first time or retrofitting. The cylinder can be operated offline, in a local networked configuration or online through internet.

Features
- Simple installation and easy retrofit to traditional mechanical cylinder
- Different portfolios to meet different user scenarios
- Simple and intuitive design
- Highly security on mechanical protection and data transfer
- Easy and feasible configuration and daily management

Technical details
- Supported RFID standards
  - MIFARE (DESFire EV1)
  - Radio interface:
    - Bluetooth standard: 4.2
    - Bluetooth frequency: 2.4 GHz
  - Power supply/service life:
    - 4 x LR1 alkaline batteries
    - Battery life at 20°C: up to 130,000 cycles or up to 3 years
- Environment
  - Temperature: -35°C to -55°C
  - Humidity: 0 to 95%, non-condensing
- Certification symbol
  - CE, UL, CCC, FCC, IP66, RCM, EAC, WEEE

Scandinavian version profile half cylinder

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ANSI RIM cylinder lock

Description
The cylinder is suitable for any interior or weather-proofed exterior door, making it a very versatile solution. As there is no wiring whatsoever, mounting and replacement is completed in next to no time, whether you are installing a cylinder for the first time or retrofitting. The cylinder can be operated offline, in a local networked configuration or online through internet.

Features
- Simple installation and easy retrofit to traditional mechanical cylinder
- Simple and intuitive design
- Highly security on mechanical protection and data transfer
- Easy and feasible configuration and daily management

Technical details
- Supported RFID standards
  - MIFARE (DESFire EV1)
  - Radio interface:
    - Bluetooth standard: 4.2
    - Bluetooth frequency: 2.4 GHz
  - Power supply/service life:
    - 4 x LR1 alkaline batteries
    - Battery life at 20°C: up to 130,000 cycles or up to 3 years
- Environment
  - Temperature: -35°C to -55°C
  - Humidity: 0 to 95%, non-condensing
- Certification symbol
  - CE, UL, CCC, FCC, IP66, RCM, EAC, WEEE

US version RIM profile cylinder

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