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ABB Ltd.

More information






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

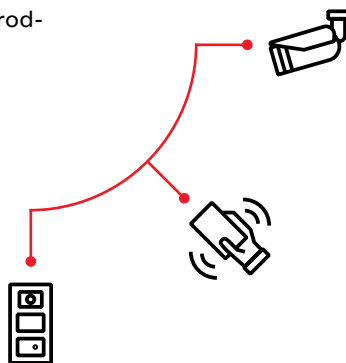
Not only Smarter Devices from ABB can be seamlessly integrated in the entire system via IP network technology. Open programming interfaces and the included software development kit also make it possible to integrate third-party applications such as property management or messaging systems in the system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

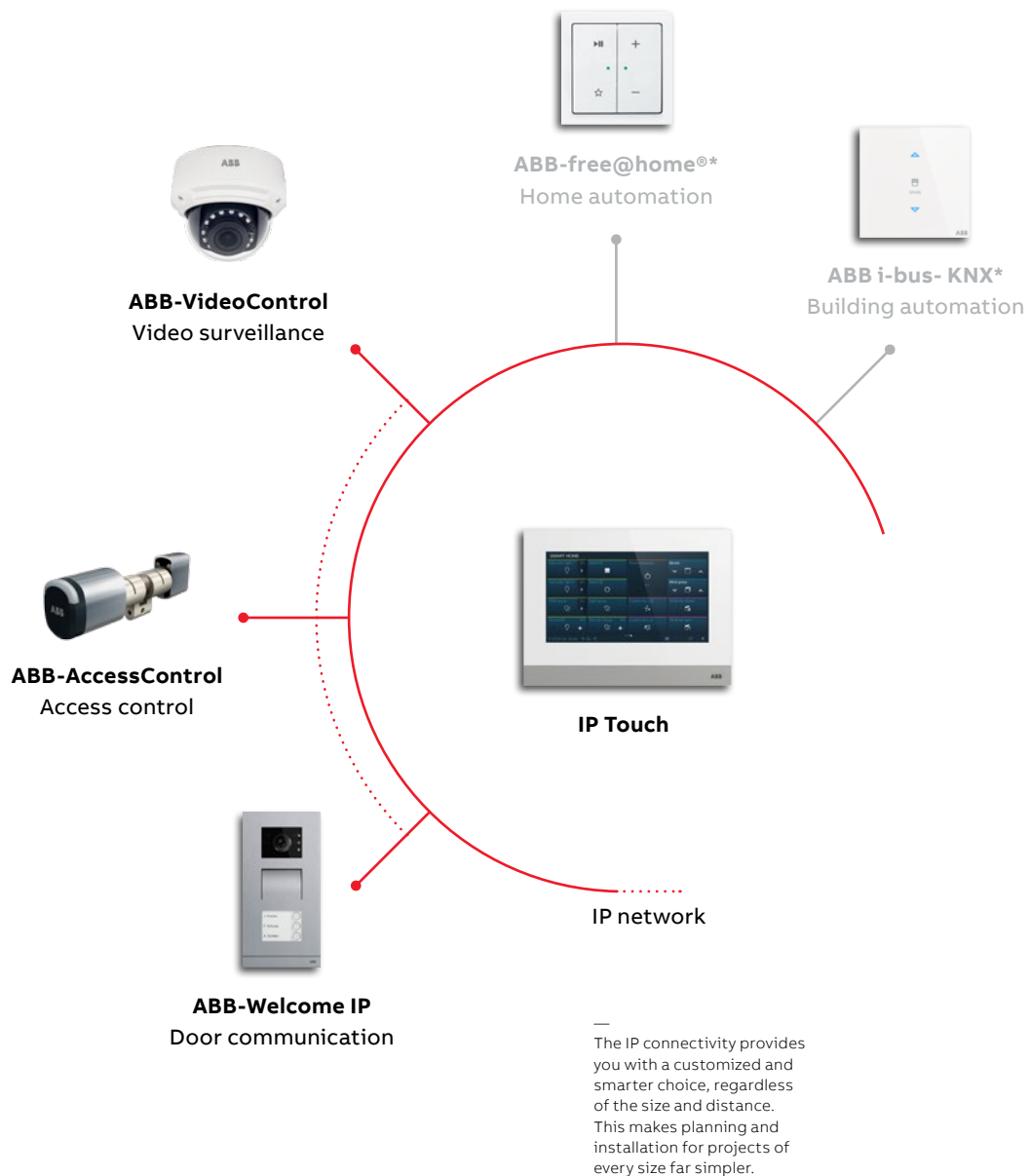
Applications

- 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-ibus® 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 duplicates 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.

— 01 Video Pushbutton outdoor station, Stainless steel

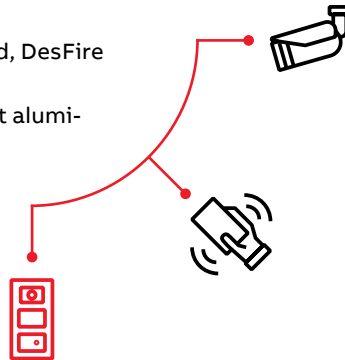
— 02 Video Keypad outdoor station, Stainless steel

— 03 Video outdoor station, touch 5", Stainless steel

— 04 Video Barbutton outdoor station, Stainless steel

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 My-Buildings 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





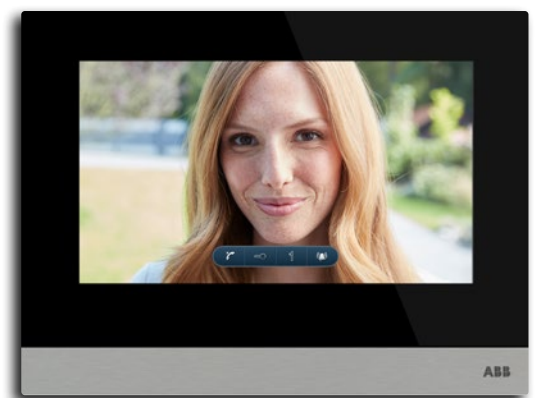


HD quality in multi-communication channel

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.



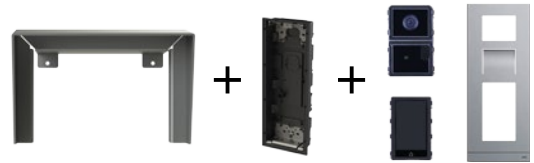
Installation now easier

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.

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.



—
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 inputting
module for keypad
outdoor station

—
07 Big display module
With integrated
transponder and keypad

—
08 A/V module with
720P camera
Audio & Video module



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08

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.

—
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

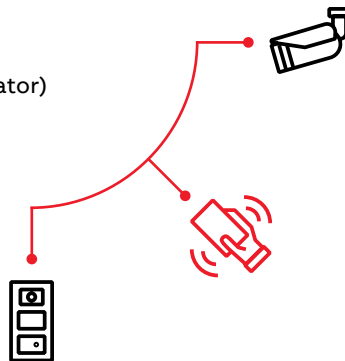
—
05 ANSI Mortice cylinder lock, US

—
06 El. Cylinder 30/00 N SC., Scandinavian

—
07 ANSI RIM cylinder lock, US

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



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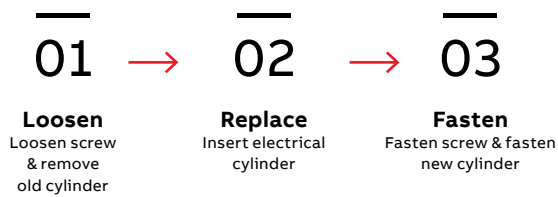




Access control is in every office scenario; a key point for the security in public and non-public areas.

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.



Triple reminder guarantees on-time battery replacement

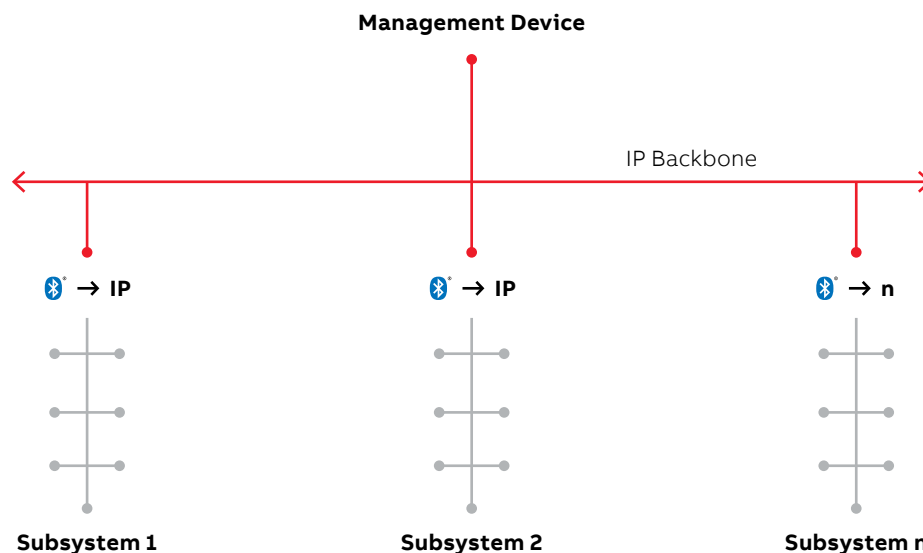
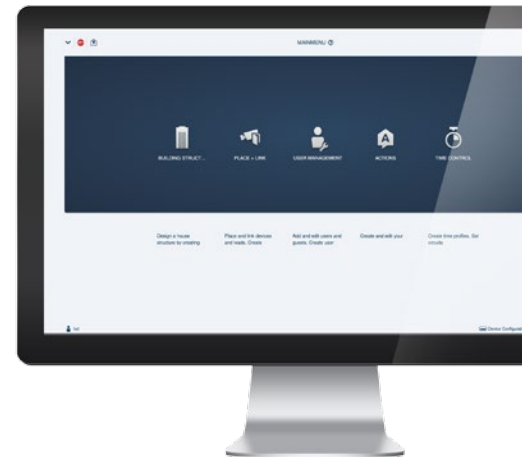
Despite the latest BLE low energy consumption technology, the battery can run with low power for quite a long period of time. When the reminder time has come with its self-counting algorithm, there will be visual indication from flash light every time swiping the card, in addition, the App will also 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.

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.



Video surveillance

ABB-VideoControl

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

—
01 Outdoor IPC,
4MP, Dom

—
02 Outdoor IPC,
4MP, Mini Dom

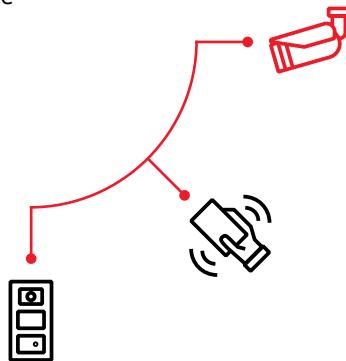
—
03 Outdoor IPC,
4MP, Bullet

—
04 Outdoor IPC,
4MP, Mini Bullet

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



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**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.

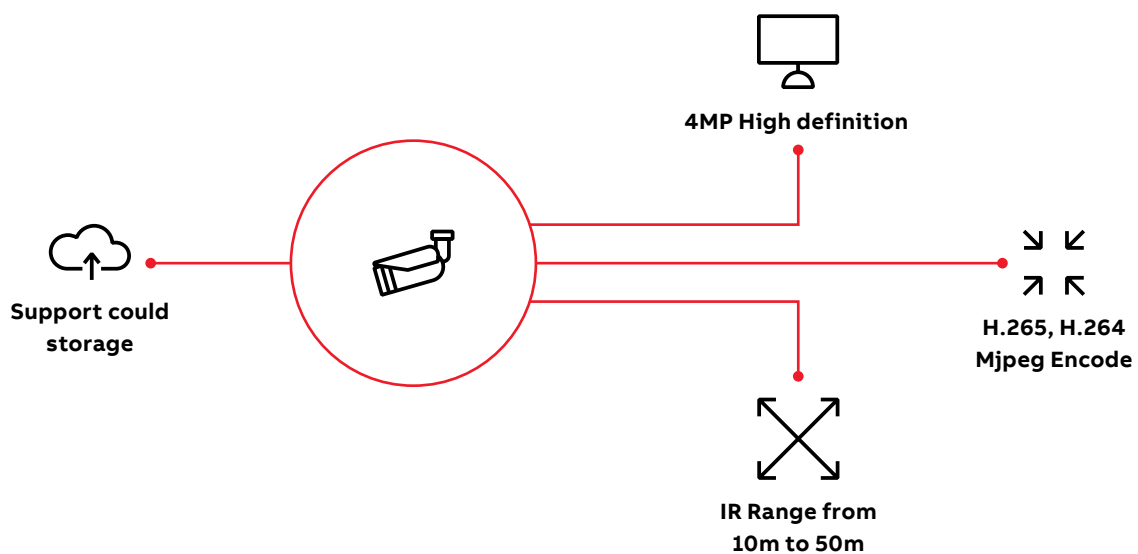
—
The right view is the key
for professional sur-
veillance in every area.

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.

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.



CONTROL

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

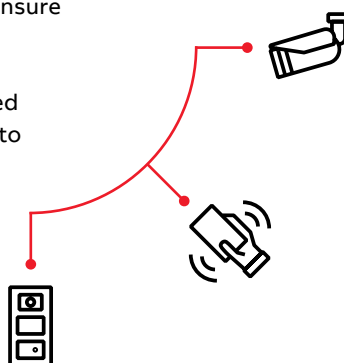
The IP Touch 7" and 10" control panels are IP-based and provide a far greater number of options for building control.

— 01 IP Touch 7",
White glass

— 02 IP Touch 7",
Black glass

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

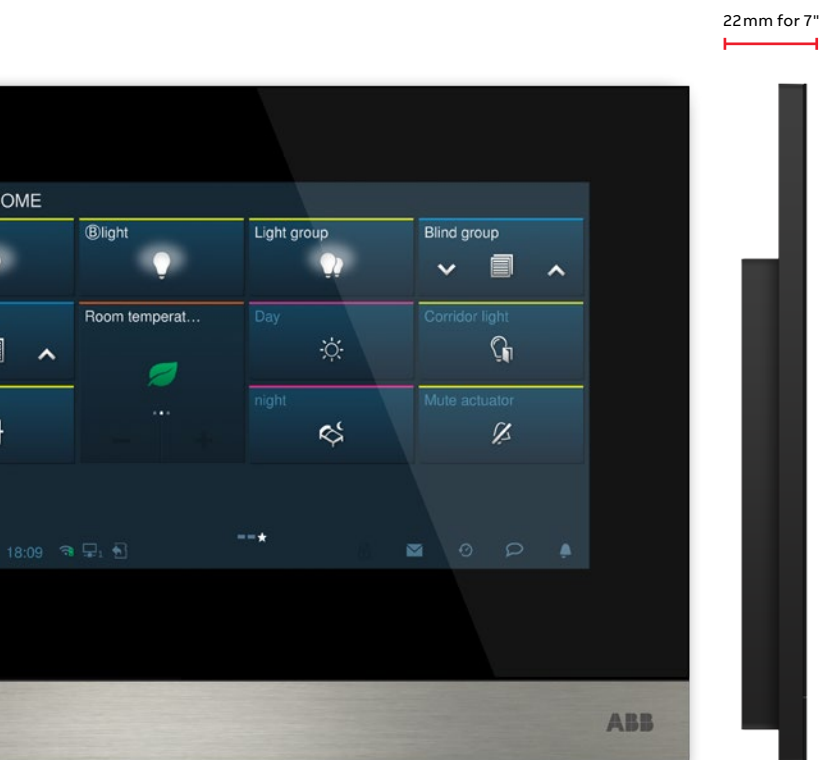


— 01



— 02





01

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.

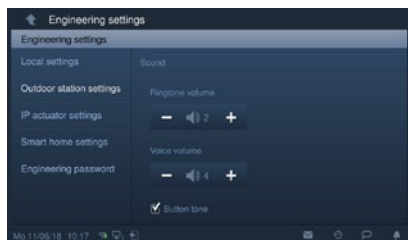
One device, all kinds of possibilities. Reviewing of the snapshot image or recorded video when away from home, always feel confidence in knowing what is going on. It is also very easy when hosting a party to leave an audio message or set the automatic unlock time range.

Look thin, and act changeable

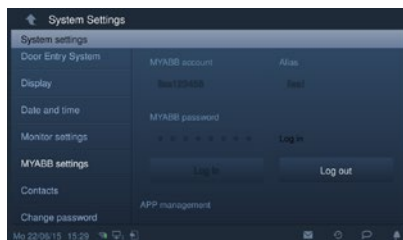
Extra thin passe-partout is really trend setting. Front frameless genuine glass in black and white plus easy changeable end strip with different color. Extremely slim in both flush and surface mounted situations represents this new series of indoor panels, in a combination of art and science.



- 01 Dashboard
- 02 Visualization tool
- 03 App connection
- 04 App
- 05 External intercom
- 06 Internal intercom



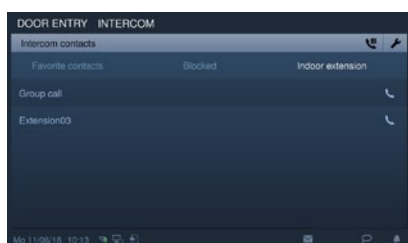
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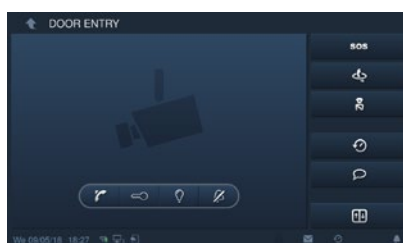
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06

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

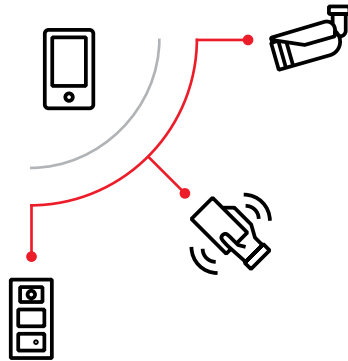
- call all
- dedicated call
- call App

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.

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.



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

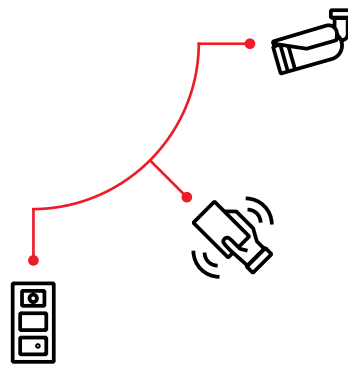
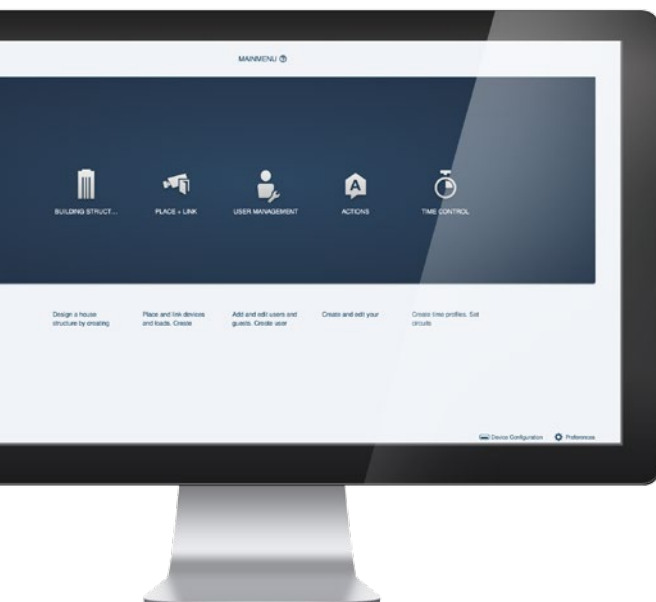
One software for all applications

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.

**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.

**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.



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

—
01 IP Guard Unit
for concierges



**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.

**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.

**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.

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.

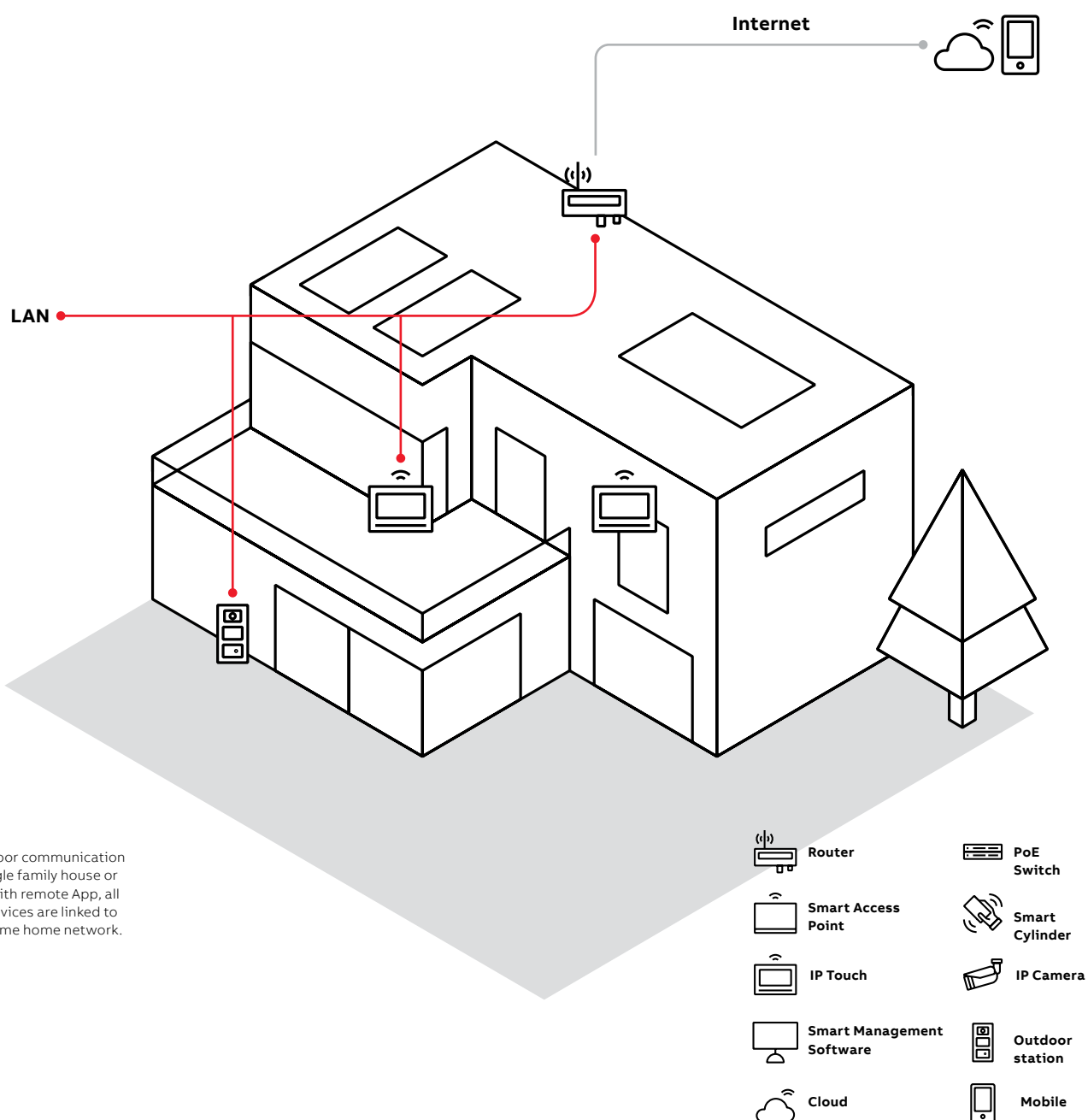




Applications

Door communication

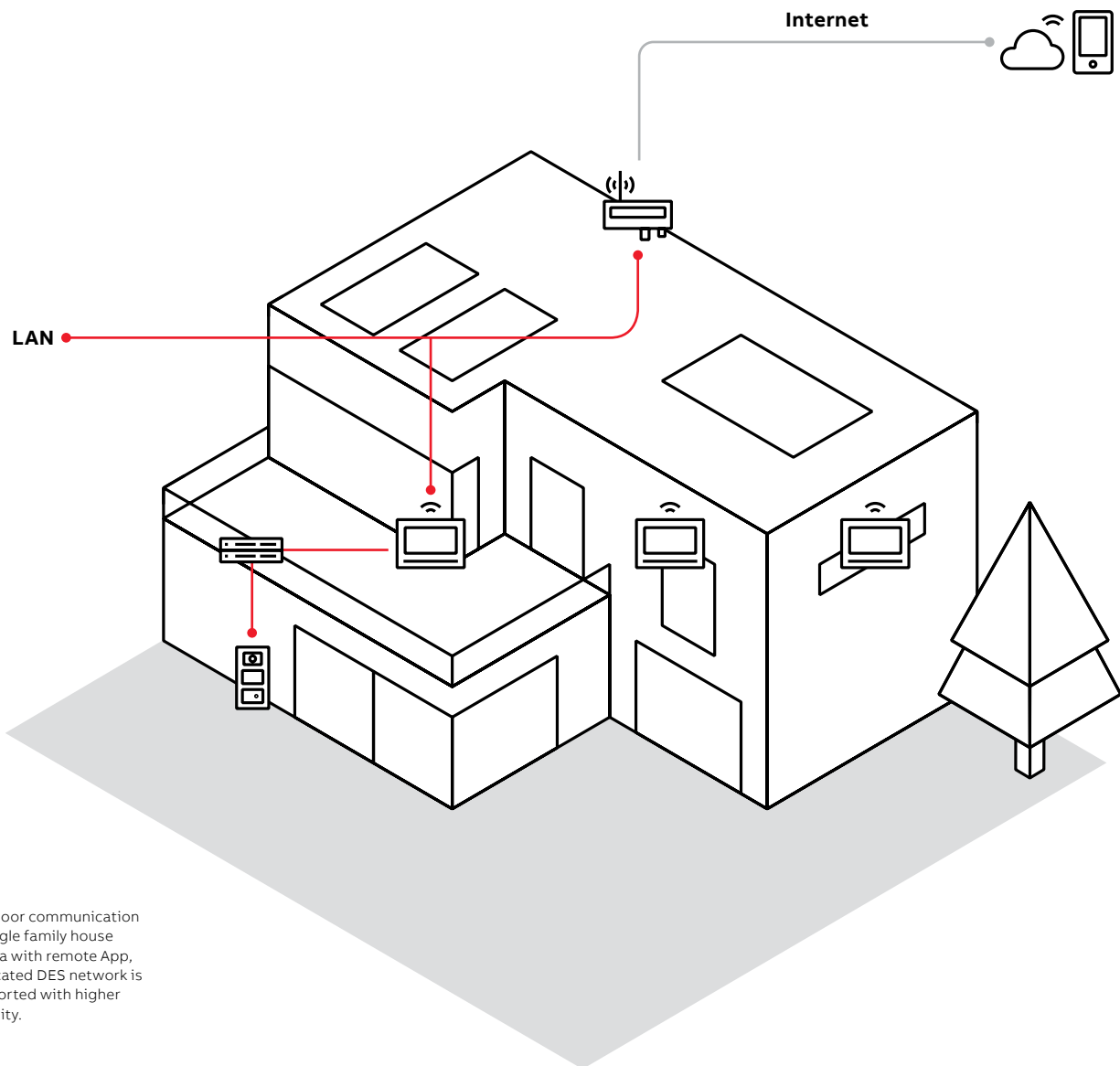
The door communication ABB-Welcome IP breaks the limitation of distance and apartment quantity. Property management can monitor all the entrances and welcome the guests. At the same time, owners can use the App to open the door remotely.



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

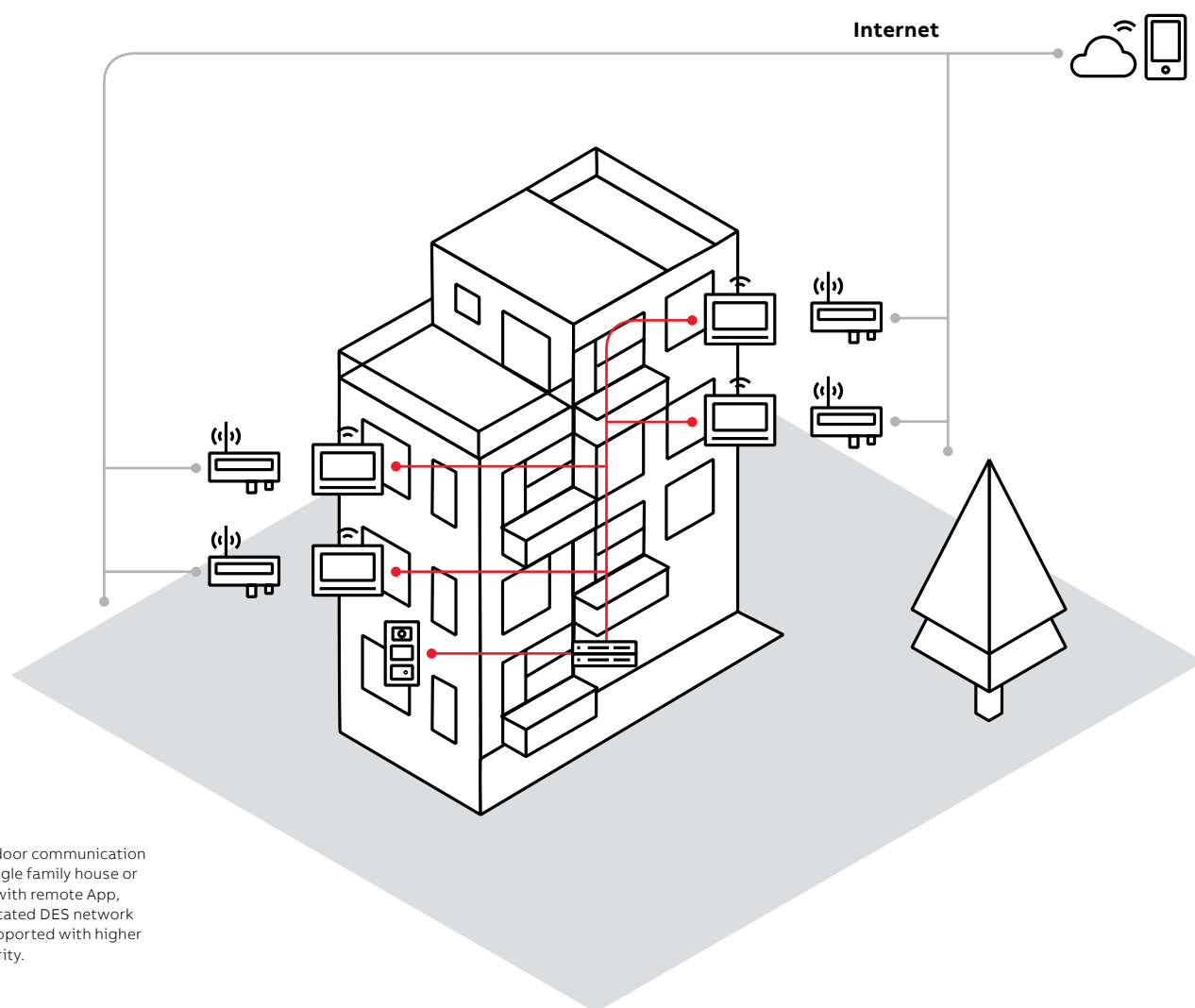
Applications

Door communication



Applications

Door communication

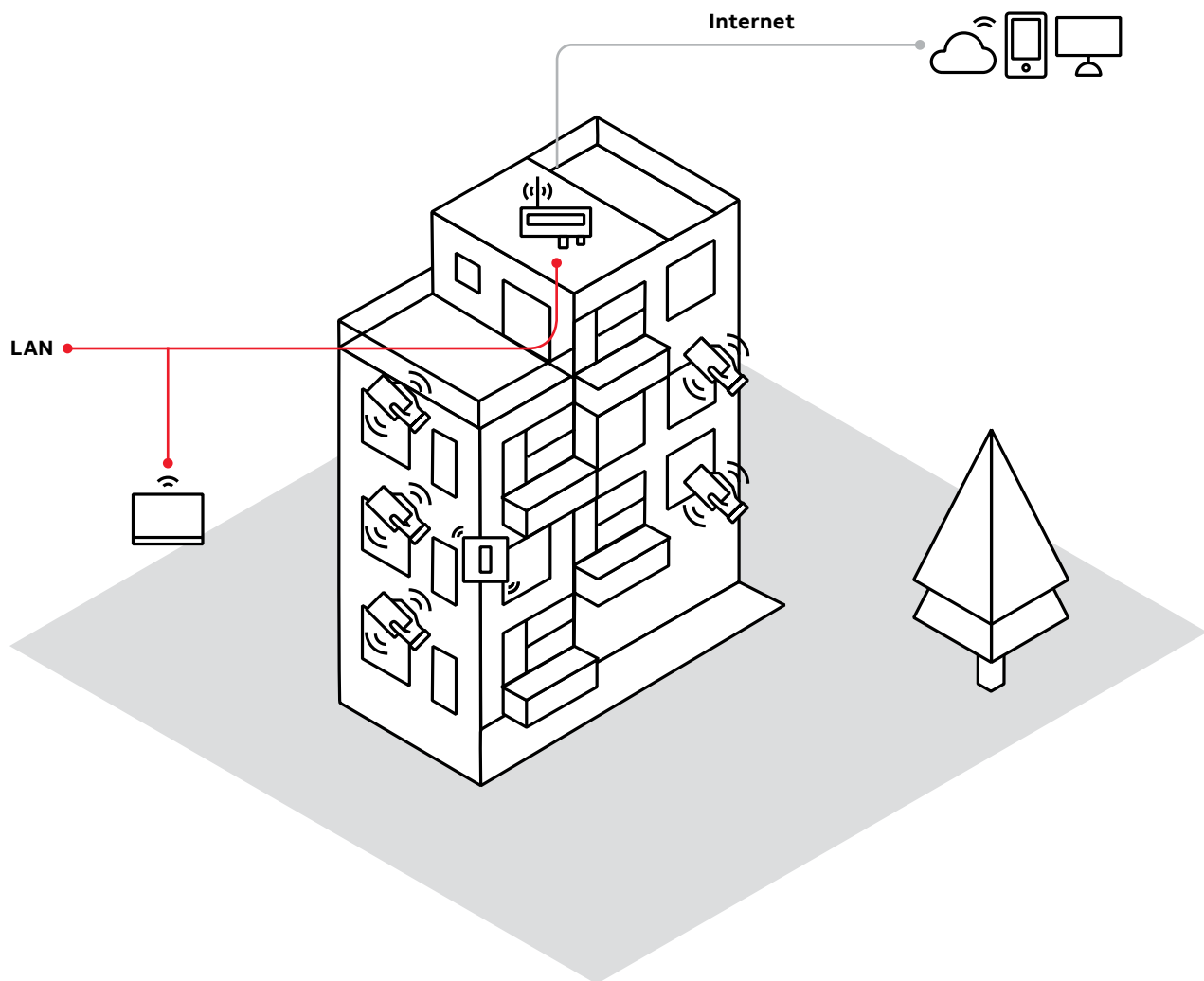


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The door communication in single family house or villa with remote App, dedicated DES network is supported with higher security.

Applications

Access control

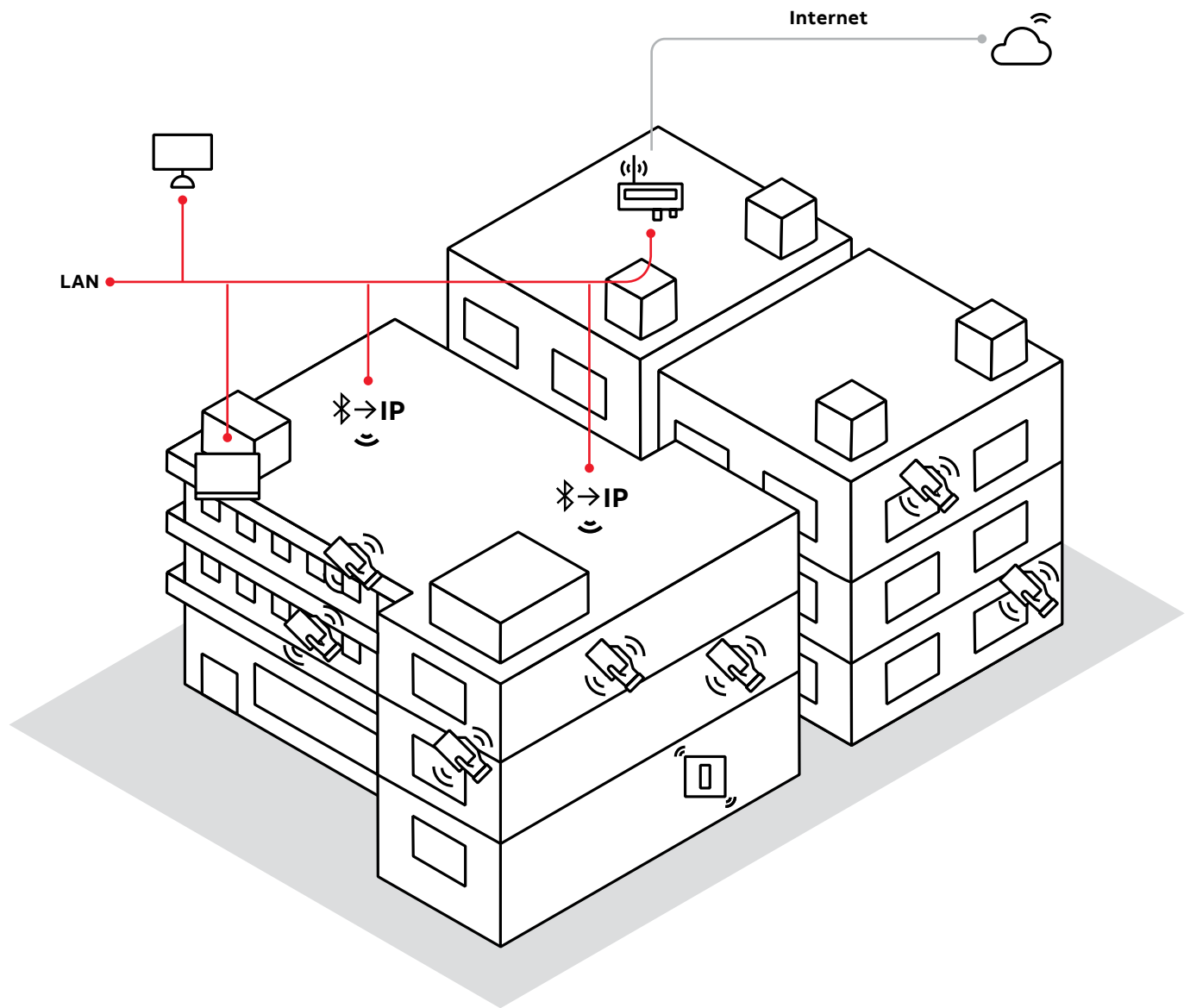
- Apartments need to replace existing door bell system by smart Access Point
- Small and middle size residential application such as apartments, where door locks are in range of smart Access Point
- Small office, with less than 16 doors



Applications

Access control

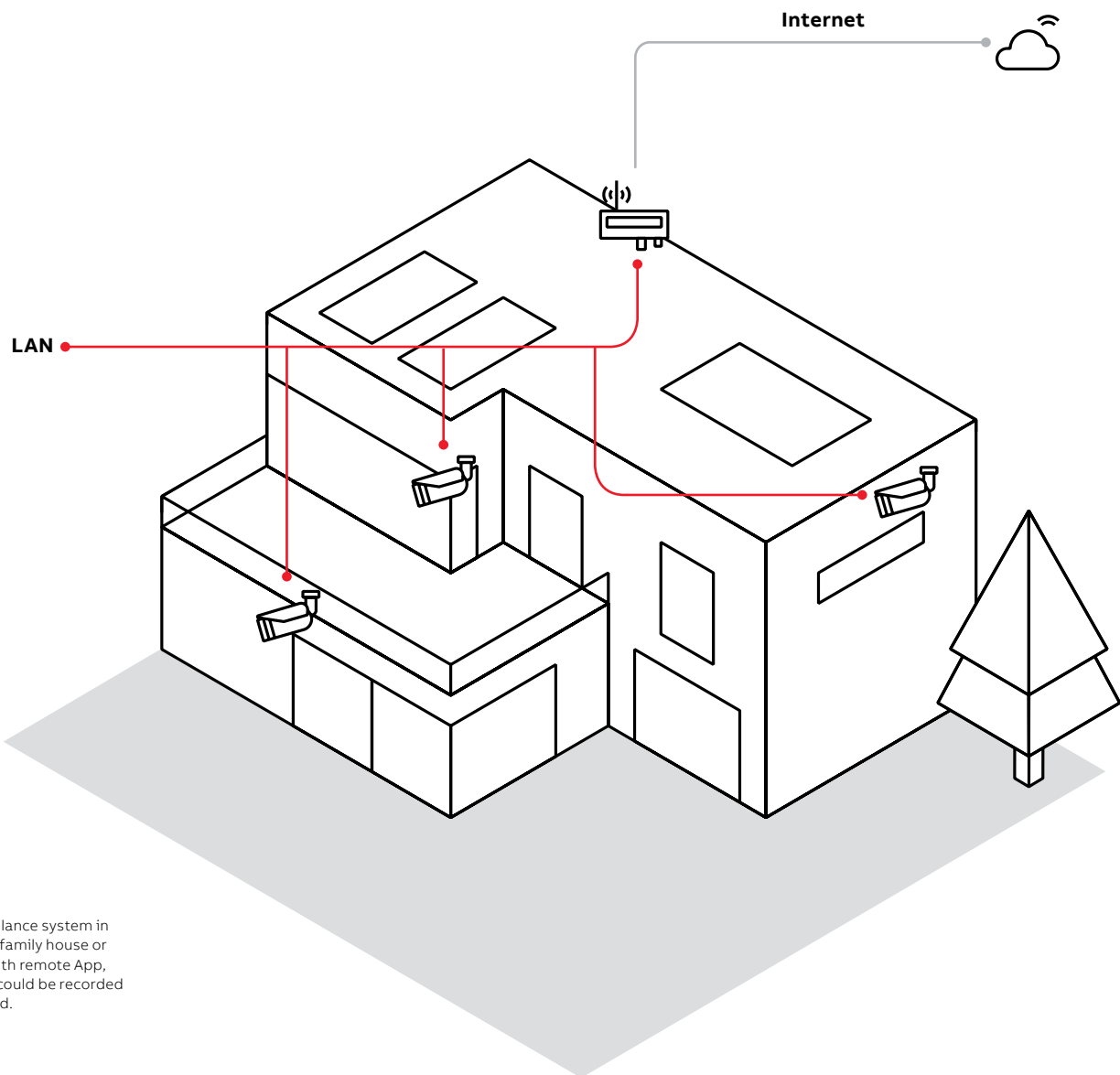
- Big size residence with many rooms and floors, where a communication over backbone IP is easier because walls are too thick to transfer wireless signal
- Commercial application, e.g. hospital, school, with high number of doors and long distances from each door to control center



Applications

Video surveillance

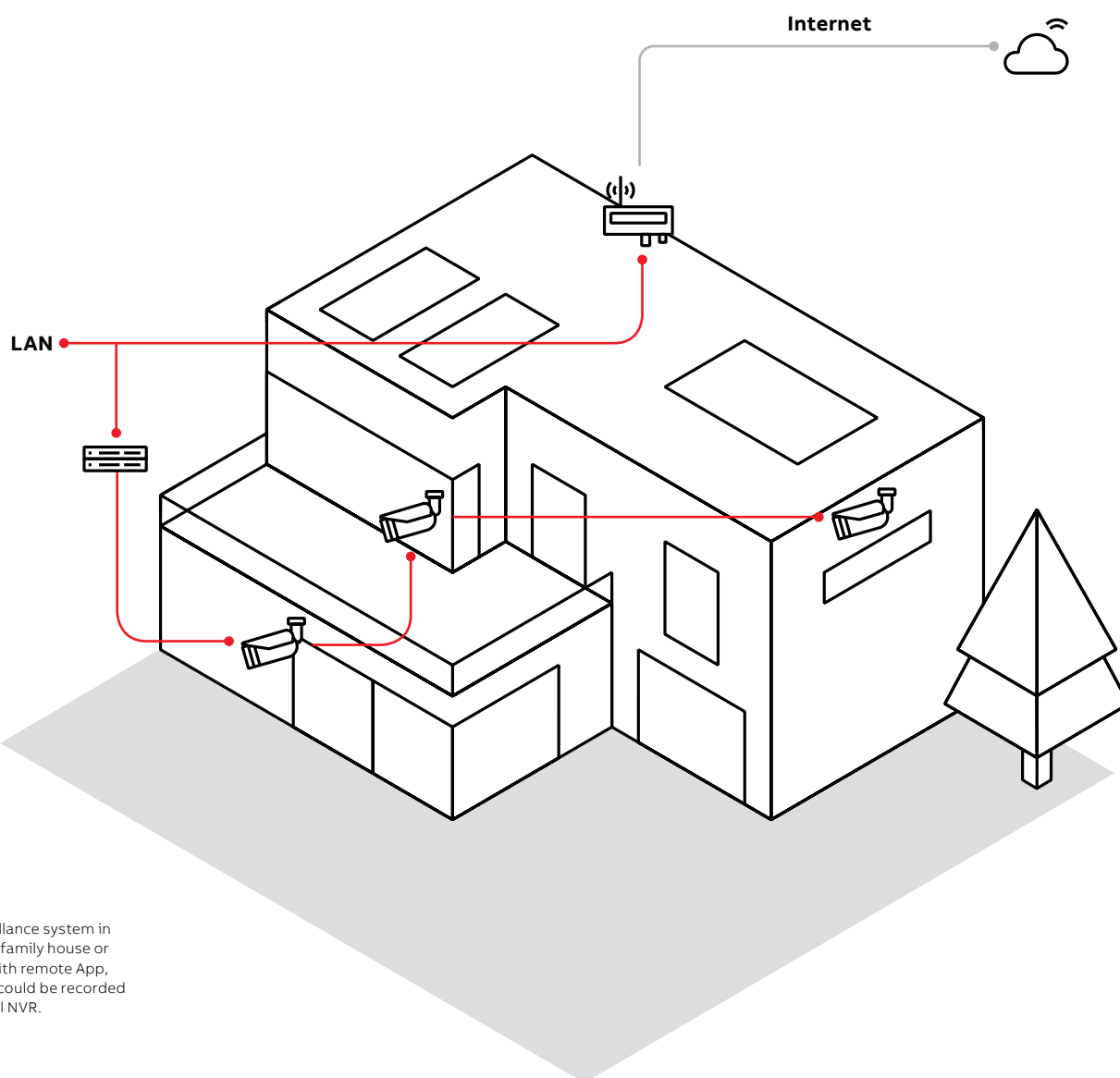
The video surveillance system of ABB-VideoControl can provide the public monitor and private monitor separately. The owner can monitor the public area. The video surveillance system can also combine with burglar system. It can send messages through App to the owner's cell phone.



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

Applications

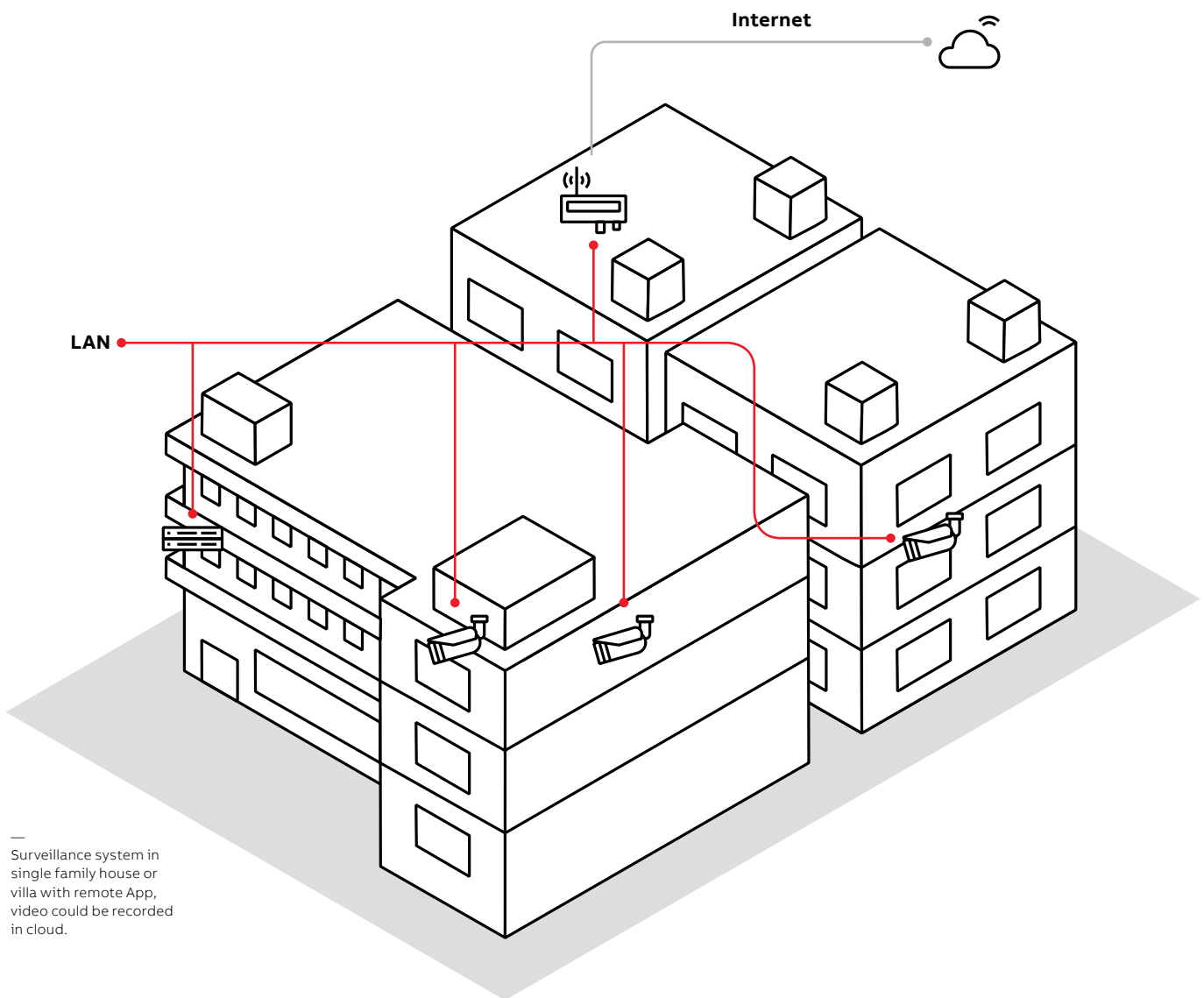
Video surveillance



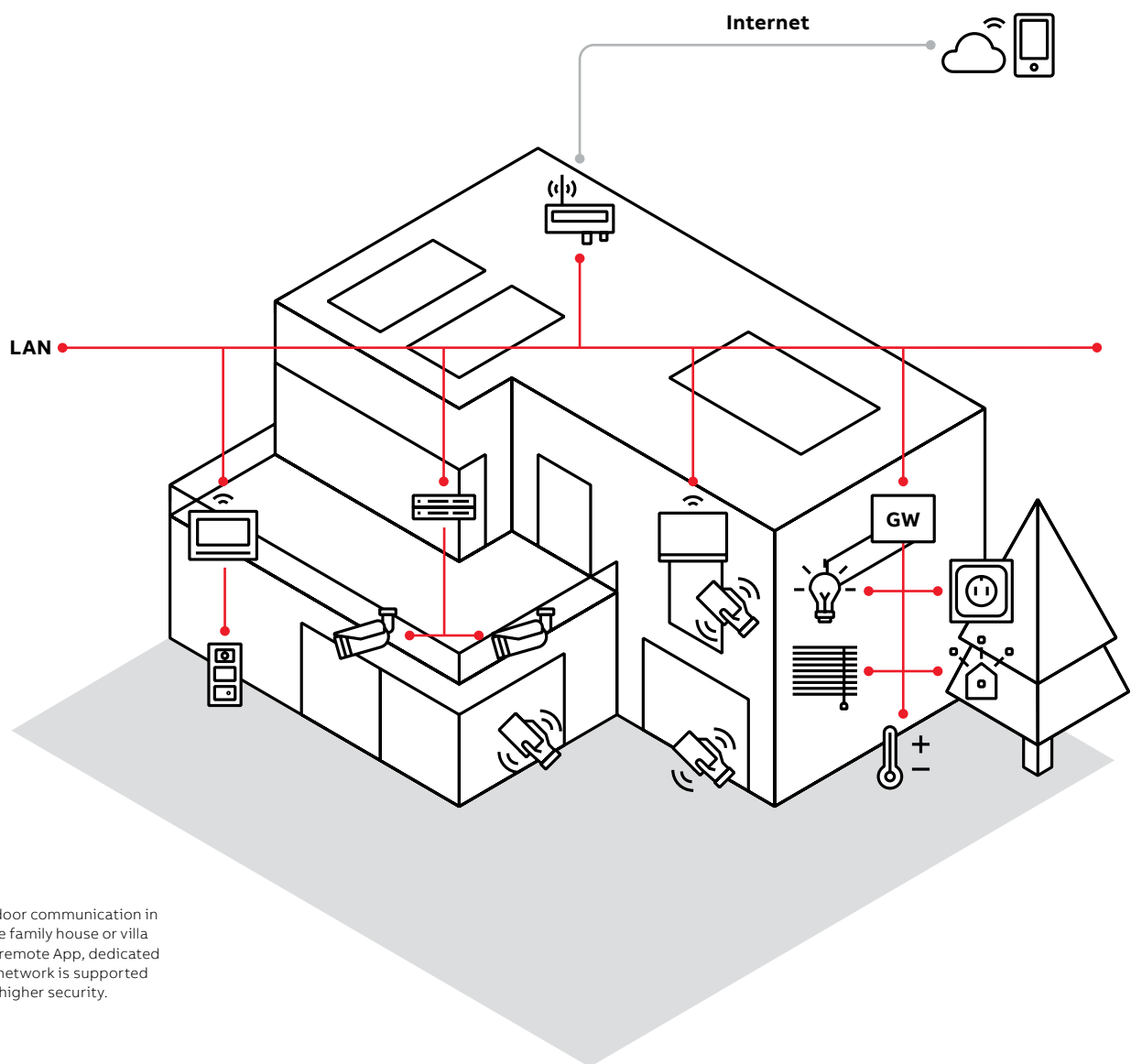
—
Surveillance system in
single family house or
villa with remote App,
video could be recorded
in local NVR.

Applications

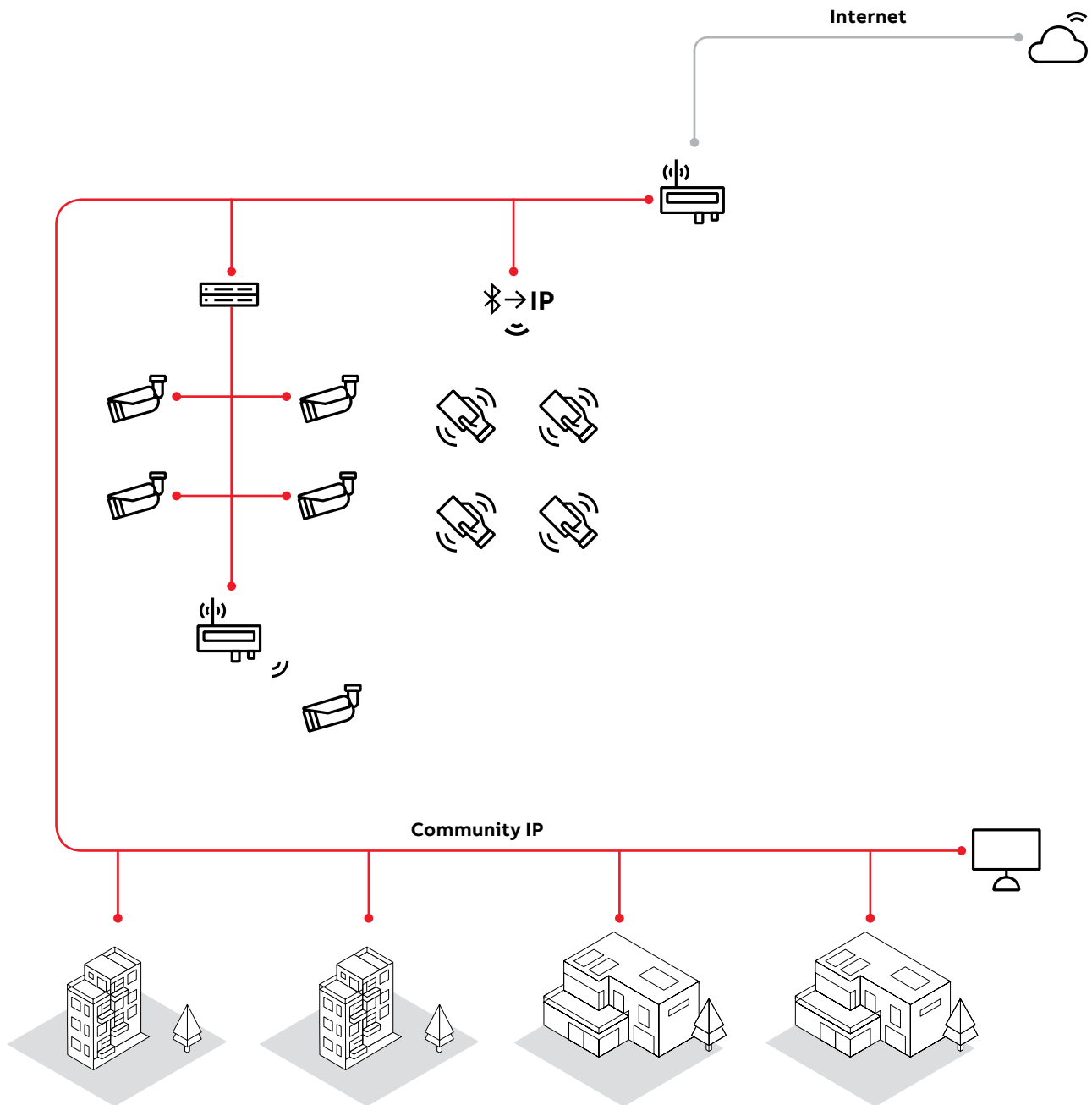
Video surveillance



Applications

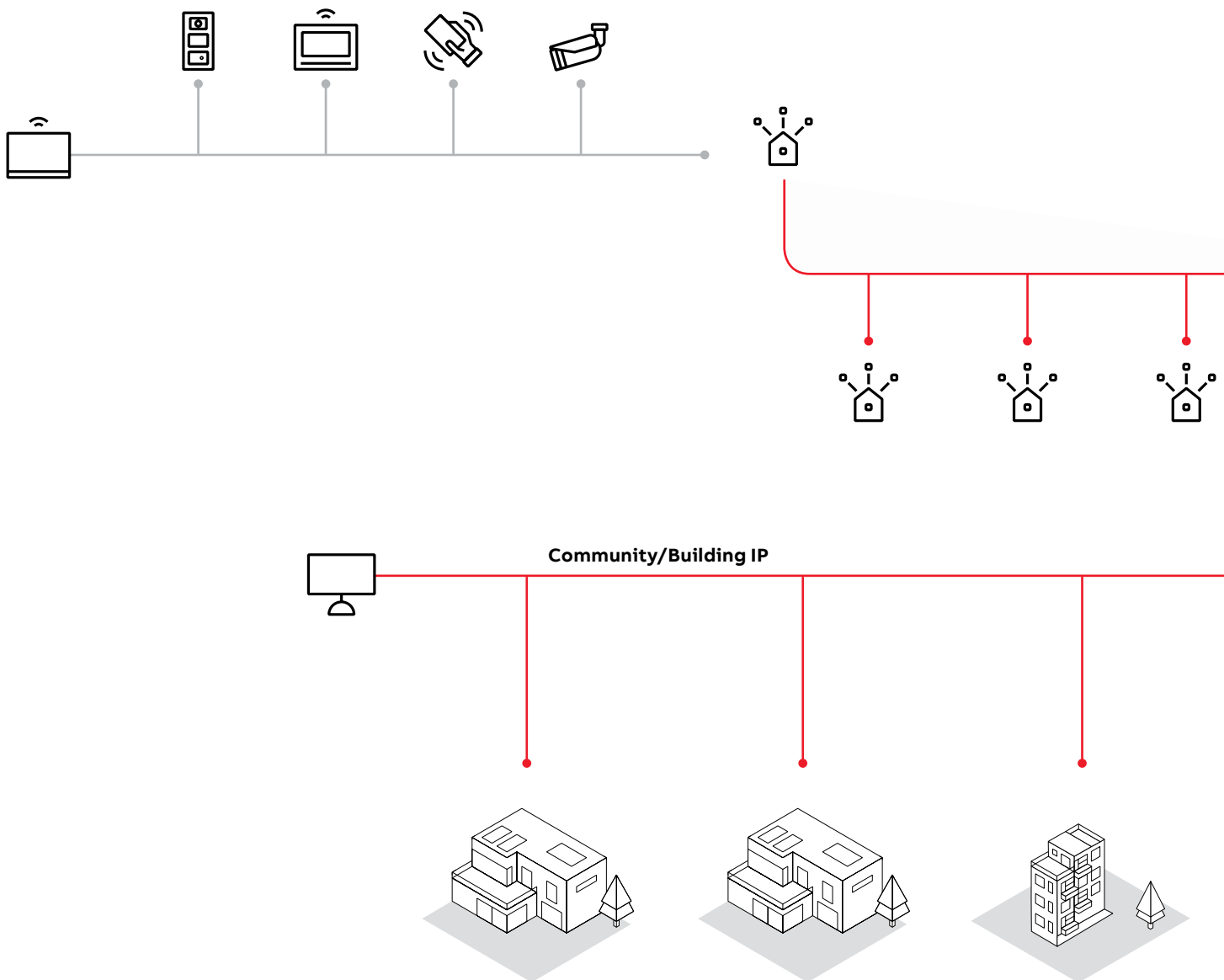


Applications

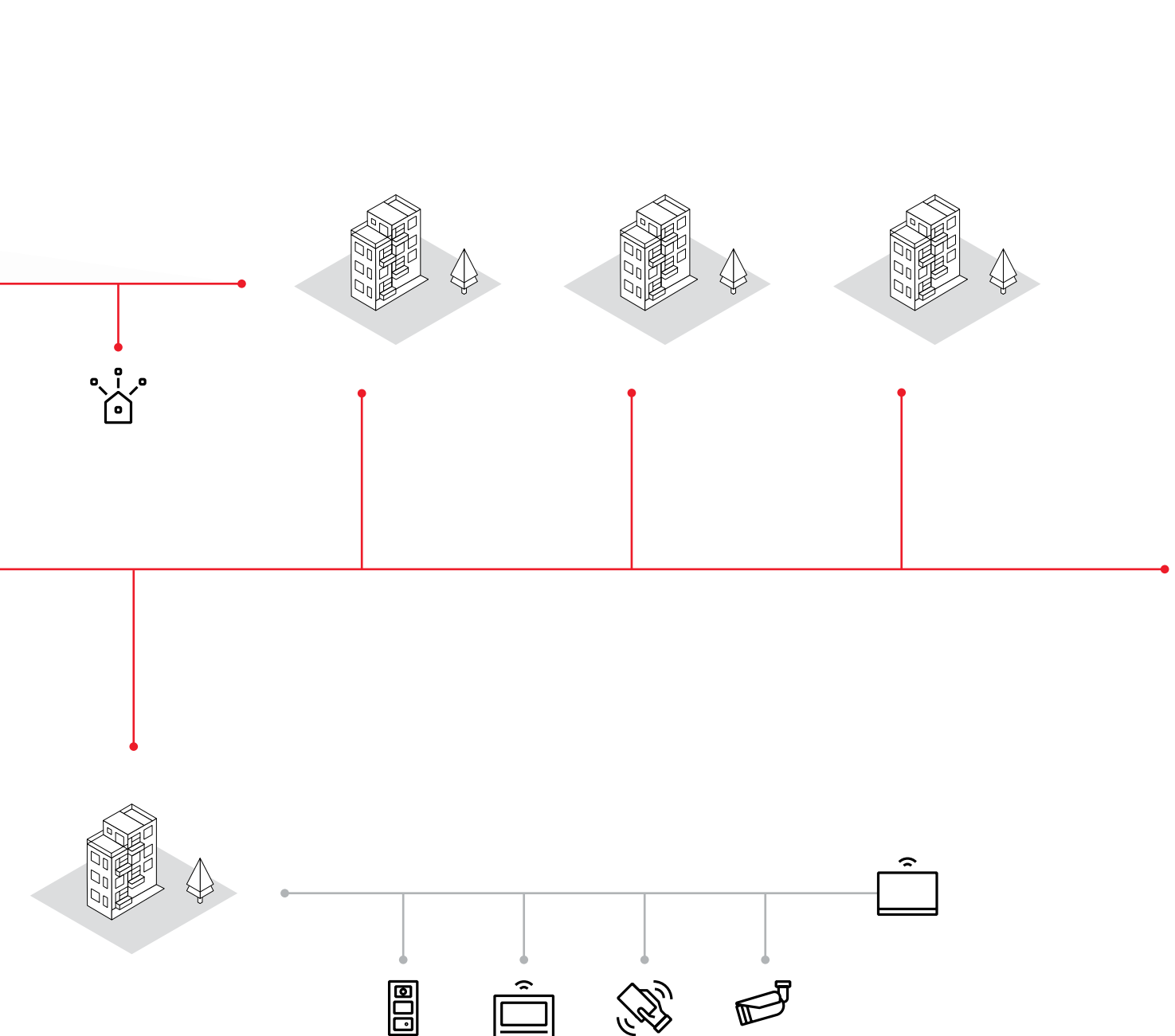


—
Surveillance system in single family house or villa with remote App, video could be recorded in cloud.

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

Description	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.	
Features	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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

Description	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.	
Features	<ul style="list-style-type: none"> • 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 DESFire or IC card • Brushed stainless steel surface 	
Technical details	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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

Description	Video outdoor station with display, transponder and keypad serves as end device for the communication with IP touch panel, guard unit or property management.	
Features	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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

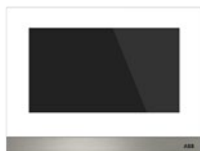


Video keypad outdoor station, Stainless steel

Description	Video outdoor station with display, transponder and keypad serves as end device for the communication with IP touch panel, guard unit or property management.	
Features	<ul style="list-style-type: none"> • 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 IC card. • Brushed stainless steel surface 	
Technical details	<ul style="list-style-type: none"> • 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

Description	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.			
Features	<ul style="list-style-type: none"> • 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 fireware update 			
Technical details	<ul style="list-style-type: none"> • 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

Description	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.			
Features	<ul style="list-style-type: none"> • 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 on all kind of walls • PoE and local power supply optional • Remote fireware update 			
Technical details	<ul style="list-style-type: none"> • 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

Door entry communication

ABB-Welcome IP - System devices



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 unit.
Features	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • Scale up system topology easily • Easy and fast configuration • Different power solution to meet different requests • Firmware update remotely
Technical details	<ul style="list-style-type: none"> • 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: <ul style="list-style-type: none"> - 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	<ul style="list-style-type: none"> • 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

Door entry communication

ABB-Welcome IP - System devices



Interface module for LAN + RS485 + 8 alarm zones

Description	Interface module use to extend LAN port, RS485 port, and alarm zones.
Features	<ul style="list-style-type: none"> • 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 adaptor

Description	Power adaptor 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 adaptor 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

Description	Mounting of outdoor station into the wall	
Features	<ul style="list-style-type: none"> • 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	Grey
Article no.	41381F-B	41381F-H
Order no.	2TMA130160B0001	2TMA130160H0001



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

Description	Mounting of outdoor station into the wall	
Features	<ul style="list-style-type: none"> • 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	Grey
Article no.	41382F-B	41382F-H
Order no.	2TMA130160B0002	2TMA130160H0002



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

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



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

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

Door entry communication

ABB-Welcome IP - Installation material



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

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



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

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



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

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



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

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

Door entry communication

ABB-Welcome IP - Installation material



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

Description	Mounting of outdoor station on the wall	
Features	<ul style="list-style-type: none"> • 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

Description	Mounting of outdoor station on the wall	
Features	<ul style="list-style-type: none"> • 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

Description	Mounting of outdoor station on the wall	
Features	<ul style="list-style-type: none"> • 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

Description	Mounting of outdoor station on the wall	
Features	<ul style="list-style-type: none"> • 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

Description	Mounting of IP Touch on the wall	
Features	<ul style="list-style-type: none"> • 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

Description	Serves for assembling of outdoor station modules as a complete outdoor station.
Features	<ul style="list-style-type: none"> • For surface-mounted installation of outdoor station. • The product is packed with accessories to ensure qualified installation.
Technical details	• Dimensions: 194 x 145 x 55 mm
Version	2 boxes together
Article no.	42361F
Order no.	2TMA130160H0050



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

Description	Serves for the mounting of outdoor station into the wall for higher stability.
Features	<ul style="list-style-type: none"> • For surface-mounted installation of outdoor station. • The product is packed with accessories to ensure qualified installation.
Technical details	• Dimensions: 133 x 124 x 65 mm
Version	Anthracite
Article no.	41381PB
Order no.	2TMA130160B0017



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

Description	Serves for the mounting of outdoor station into the wall for higher stability.
Features	<ul style="list-style-type: none"> • For surface-mounted installation of outdoor station. • The product is packed with accessories to ensure qualified installation.
Technical details	• Dimensions: 199 x 124 x 65 mm
Version	Anthracite
Article no.	41382PB
Order no.	2TMA130160B0018



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

Description	Serves for the mounting of outdoor station into the wall for higher stability.
Features	<ul style="list-style-type: none"> • For surface-mounted installation of outdoor station. • The product is packed with accessories to ensure qualified installation.
Technical details	• Dimensions: 270 x 124 x 65 mm
Version	Anthracite
Article no.	41383PB
Order no.	2TMA130160B0019



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

Description	Serves for the mounting of outdoor station into the wall for higher stability.
Features	<ul style="list-style-type: none"> • For surface-mounted installation of outdoor station. • The product is packed with accessories to ensure qualified installation.
Technical details	• Dimensions: 347 x 124 x 65 mm
Version	Anthracite
Article no.	41384PB
Order no.	2TMA130160B0020

Door entry communication

ABB-Welcome IP - Installation material



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

Description	Serves for the mounting of outdoor station into the wall for higher stability.
Features	<ul style="list-style-type: none"> • 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



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

Description	Serves for the mounting of outdoor station into the wall for higher stability.
Features	<ul style="list-style-type: none"> • 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



Rain hood, size 1/x, For SM

Description	Rain hood for rust and water petection
Features	• The aluminum rain hood is designed to adapt to both surface mounting
Technical details	• Dimensions: 176 x 98 x 143 mm
Version	For surface mounted
Article no.	41383RH
Order no.	2TMA130160A0009



Rain hood, size 2/x, Aluminium

Description	Rain hood for rust and water petection
Features	• The aluminum rain hood is designed to adapt to both surface mounting
Technical details	• Dimensions: 263 x 98 x 143 mm
Version	For surface mounted
Article no.	41384RH
Order no.	2TMA130160A0010

Door entry communication

ABB-Welcome IP - Installation material



Rain hood, size 1/x, Aluminium

Description	Rain hood for rust and water petection
Features	• The aluminum rain hood is designed to adapt to both surface mounting and flush mounting.
Technical details	• Dimensions: 98 x 143 x 68 mm
Version	For flush mounted installation
Article no.	41381RH
Order no.	2TMA130160A0001



Rain hood, size 2/x, Aluminium

Description	Rain hood for rust and water petection
Features	• The aluminum rain hood is designed to adapt to both surface mounting and flush mounting.
Technical details	• Dimensions: 98 x 243 x 68 mm
Version	For flush mounted installation
Article no.	41382RH
Order no.	2TMA130160A0002



Rain hood, size 3/x, Aluminium

Description	Rain hood for rust and water petection
Features	• The aluminum rain hood is designed to adapt to both surface mounting and flush mounting.
Technical details	• Dimensions: 202 x 98 x 416 mm
Version	For surface mounted
Article no.	41385RH
Order no.	2TMA130160A0017



Video outdoor station frame, size 1/3

Description	Installation materials that are used for outdoor station	
Features	• The invisible screw design is aesthetically pleasing	
Technical details	• Dimensions: 273 x 135 x 18 mm	
Version	White	Stainless steel
Article no.	41383CF-W	41383CF-S
Order no.	2TMA130160W0002	2TMA130160X0004



Video outdoor station frame, size 1/4

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

Door entry communication

ABB-Welcome IP - Installation material



Video outdoor station frame, size 1/5

Description	Installation materials that are used for outdoor station	
Features	• The invisible screw design is aesthetically pleasing	
Technical details	• Dimensions: 349 x 135 x 18 mm	
Version	White	Stainless steel
Article no.	41385CF-W	41385CF-S
Order no.	2TMA130160W0004	2TMA130160X0006



Video outdoor station frame, size 2/3

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



Video outdoor station frame without A/V module, size 1/3

Description	Installation materials that are used for outdoor station	
Features	• The invisible screw design is aesthetically pleasing	
Technical details	• Dimensions: 277 x 135 x 18 mm	
Version	Stainless steel	
Article no.	41393CF-S	
Order no.	2TMA130160X0060	



Video outdoor station frame without A/V module, size 1/4

Description	Installation materials that are used for outdoor station	
Features	• The invisible screw design is aesthetically pleasing	
Technical details	• Dimensions: 349 x 135 x 18 mm	
Version	Stainless steel	
Article no.	41394CF-S	
Order no.	2TMA130160X0064	

Door entry communication

ABB-Welcome IP - Outdoor station modules



Round pushbutton

Description	1/2/3 pushbutton for visitor to press for calling		
Features	<ul style="list-style-type: none"> • 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 		
Technical details	Dimensions: 97 x 72 x 25 mm		
Version	1	2	3
Article no.	51381RP1	51381RP2	51381RP3
Order no.	2TMA130160N0003	2TMA130160N0004	2TMA130160N0005
Version	with NFC/IC -1	with NFC/IC -2	with NFC/IC -3
Article no.	51382RP1	51382RP2	51382RP3
Order no.	2TMA130160N0006	2TMA130160N0007	2TMA130160N0008



Bar pushbutton

Description	3/6 or 4/8 pushbutton for visitor to press for calling		
Features	<ul style="list-style-type: none"> • Pushbutton could be programmed as one column or double columns • Bright back-light ensures clear nameplate at night time 		
Technical details	Dimensions: 97 x 72 x 25 mm		
Version	3 (Bar button)	4 (Bar button)	
Article no.	51381SP3	51381SP4	
Order no.	2TMA130160N0001	2TMA130160N0002	



Big display module

Description	Integrated with transponder and keypad serves as big touch screen for daily operation for residential owners and visitors.		
Features	<ul style="list-style-type: none"> • 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 		
Technical details	Dimensions: 143 x 96 x 23 mm		
Version	(5 inch) (IC/Desfire)		
Article no.	H851381DP		
Order no.	2TMA130160B0082		



Keypad with 1abc input

Description	Digital inputting module for keypad outdoor station		
Features	<ul style="list-style-type: none"> • Brushed stainless steel surface • Wiegand output available • Customized passwords are allowed • Back-light automatically on for visibility at night • Call guard unit is available 		
Technical details	Dimensions: 97 x 72 x 25 mm		
Version	Stainless steel	White	
Article no.	51381K-S	51381K-W	
Order no.	2TMA130160X0001	2TMA130010W0014	

Door entry communication

ABB-Welcome IP - Outdoor station modules



Display

Description	Display module ensure the customized message, code, and legible number always can be read.	
Features	<ul style="list-style-type: none"> • 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

Door entry communication

ABB-Welcome IP - Replacement parts



IPtouch 7, accessories, end strip

Description	End strip for IP touch 7 inch panel			
Features	<ul style="list-style-type: none"> • 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.	2TMA130160X0044	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	Dimensions: 71 x 135 x 19 mm	Dimensions: 123 x 235 x 19 mm
Version	size 1/x, Stainless steel	size 1/x, White	size 2/x, Stainless steel
Article no.	51381EP-S	51381EP-W	51382EP-S
Order no.	2TMA130160X0002	2TMA130160W0001	2TMA130160X0003

Door entry communication

ABB-Welcome IP - Accessories



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	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	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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: 194.4×63×63mm • 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	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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



4 port PoE NVR

Description	4 CH Network Video Recorder with 4CH PoE
Features	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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



8 port PoE NVR

Description	8 CH Network Video Recorder with 8CH PoE
Features	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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



Junction box

Description	Installation accessories	
Version	Support Dom/Mini Dom	Support Bullet/Mini Bullet
Article no.	C83051-W	C83053-W
Order no.	2TMA500160W0006	2TMA500160W0008

Access control

ABB-AccessControl - System devices



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	<ul style="list-style-type: none"> • 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 	<ul style="list-style-type: none"> • 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 • Integrated chimey, easy for retrofit • In-build BLE, the best choice for standalone AC system
Technical details	<ul style="list-style-type: none"> • Dimension: 204 mm × 132 mm × 32 mm • Network parameter: <ul style="list-style-type: none"> - 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: <ul style="list-style-type: none"> - 24VDC, together with ABB power adaptor - PoE(Power over Ethernet) • Environment: <ul style="list-style-type: none"> - Temperature: -10°C to +45°C - Protection type: IP30 - Vandal proof: IK07 - Humidity: 0 to 95%, non-condensing 	<ul style="list-style-type: none"> • Dimension: 204 mm × 132 mm × 32 mm • Network parameter: <ul style="list-style-type: none"> - 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: <ul style="list-style-type: none"> - 24VDC, together with ABB power adaptor - PoE(Power over Ethernet) • Environment: <ul style="list-style-type: none"> - Temperature: -10°C to +45°C - Protection type: IP30 - Vandal proof: IK07 - Humidity: 0 to 95%, non-condensing
Version	Lite	Pro
Article no.	D04012	D04011
Order no.	2TMA400260W0001	2TMA400260W0002

Access control

ABB-AccessControl - Accessories



Tag

Description	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.
Features	<ul style="list-style-type: none">• 13.56MHz contactless RFID identification, DESfireEV1 (256, 2K,4K,8K bytes) .• Compatible in all ABB devices• Multi-color design• Modern design with ID-number layout• Waterproof
Technical details	<ul style="list-style-type: none">• 13.56MHz, Mifare DESfireEV1 chip
Version	White
Article no.	D051C1
Order no.	2CKA008300A0992



Maintenance tool

Description	A professional tool to dismantle / fasten the knob, to install in new door, or replace battery
Article no.	D080MT-03
Order no.	2CKA008300A0997

Access control

ABB-AccessControl - 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	<ul style="list-style-type: none"> • 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 <ul style="list-style-type: none"> • MIFARE (DESFire EV1) Radio interface: <ul style="list-style-type: none"> • Bluetooth standard: 4.2 • Bluetooth frequency: 2.4 GHz Power supply/service life: <ul style="list-style-type: none"> • 4 x LR1 alkaline batteries • Battery life at 20°C: up to 130,000 cycles or up to 3 years Environment <ul style="list-style-type: none"> • Temperature: -35°C to -55°C • Humidity: 0 to 95%, non-condensing Certification symbol <ul style="list-style-type: none"> • CE, UL, CCC, FCC, IP66, RCM, EAC, WEEE

European version profile half cylinder

Order no.	Article no.	Technical data	Order no.	Article no.	Technical data
2CKA008300A0711	D01EU300008NF1-04	30/00	2CKA008300A0738	D01EU304008NF1-04	30/40
2CKA008300A0712	D01EU350008NF1-04	35/00	2CKA008300A0739	D01EU354008NF1-04	35/40
2CKA008300A0713	D01EU400008NF1-04	40/00	2CKA008300A0740	D01EU404008NF1-04	40/40
2CKA008300A0714	D01EU450008NF1-04	45/00	2CKA008300A0741	D01EU454008NF1-04	45/40
2CKA008300A0715	D01EU500008NF1-04	50/00	2CKA008300A0742	D01EU504008NF1-04	50/40
2CKA008300A0716	D01EU550008NF1-04	55/00	2CKA008300A0743	D01EU554008NF1-04	55/40
2CKA008300A0717	D01EU600008NF1-04	60/00	2CKA008300A0744	D01EU604008NF1-04	60/40
2CKA008300A0718	D01EU650008NF1-04	65/00	2CKA008300A0745	D01EU654008NF1-04	65/40
2CKA008300A0719	D01EU700008NF1-04	70/00	2CKA008300A0746	D01EU704008NF1-04	70/40
2CKA008300A0720	D01EU303008NF1-04	30/30	2CKA008300A0747	D01EU304508NF1-04	30/45
2CKA008300A0721	D01EU353008NF1-04	35/30	2CKA008300A0748	D01EU354508NF1-04	35/45
2CKA008300A0722	D01EU403008NF1-04	40/30	2CKA008300A0749	D01EU404508NF1-04	40/45
2CKA008300A0723	D01EU453008NF1-04	45/30	2CKA008300A0750	D01EU454508NF1-04	45/45
2CKA008300A0724	D01EU503008NF1-04	50/30	2CKA008300A0751	D01EU504508NF1-04	50/45
2CKA008300A0725	D01EU553008NF1-04	55/30	2CKA008300A0752	D01EU554508NF1-04	55/45
2CKA008300A0726	D01EU603008NF1-04	60/30	2CKA008300A0753	D01EU604508NF1-04	60/45
2CKA008300A0727	D01EU653008NF1-04	65/30	2CKA008300A0754	D01EU654508NF1-04	65/45
2CKA008300A0728	D01EU703008NF1-04	70/30	2CKA008300A0755	D01EU704508NF1-04	70/45
2CKA008300A0729	D01EU303508NF1-04	30/35	2CKA008300A0756	D01EU305008NF1-04	30/50
2CKA008300A0730	D01EU353508NF1-04	35/35	2CKA008300A0757	D01EU355008NF1-04	35/50
2CKA008300A0731	D01EU403508NF1-04	40/35	2CKA008300A0758	D01EU405008NF1-04	40/50
2CKA008300A0732	D01EU453508NF1-04	45/35	2CKA008300A0759	D01EU455008NF1-04	45/50
2CKA008300A0733	D01EU503508NF1-04	50/35	2CKA008300A0760	D01EU505008NF1-04	50/50
2CKA008300A0734	D01EU553508NF1-04	55/35	2CKA008300A0761	D01EU555008NF1-04	55/50
2CKA008300A0735	D01EU603508NF1-04	60/35	2CKA008300A0762	D01EU605008NF1-04	60/50
2CKA008300A0736	D01EU653508NF1-04	65/35	2CKA008300A0763	D01EU655008NF1-04	65/50
2CKA008300A0737	D01EU703508NF1-04	70/35	2CKA008300A0764	D01EU705008NF1-04	70/50

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	<ul style="list-style-type: none"> • 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 <ul style="list-style-type: none"> • MIFARE (DESFire EV1) Radio interface: <ul style="list-style-type: none"> • Bluetooth standard: 4.2 • Bluetooth frequency: 2.4 GHz Power supply/service life: <ul style="list-style-type: none"> • 4 x LR1 alkaline batteries • Battery life at 20°C: up to 130,000 cycles or up to 3 years Environment <ul style="list-style-type: none"> • Temperature: -35°C to -55°C • Humidity: 0 to 95%, non-condensing Certification symbol <ul style="list-style-type: none"> • CE, UL, CCC, FCC, IP66, RCM, EAC, WEEE

European version cylinder with thumbturn

Order no.	Article no.	Technical data	Order no.	Article no.	Technical data
2CKA008300A0765	D01EU303008TF1-04	30/30	2CKA008300A0806	D01EU505508TF1-04	50/55
2CKA008300A0766	D01EU303508TF1-04	30/35	2CKA008300A0807	D01EU506008TF1-04	50/60
2CKA008300A0767	D01EU304008TF1-04	30/40	2CKA008300A0808	D01EU506508TF1-04	50/65
2CKA008300A0768	D01EU304508TF1-04	30/45	2CKA008300A0809	D01EU507008TF1-04	50/70
2CKA008300A0769	D01EU305008TF1-04	30/50	2CKA008300A0810	D01EU553008TF1-04	55/30
2CKA008300A0770	D01EU305508TF1-04	30/55	2CKA008300A0811	D01EU553508TF1-04	55/35
2CKA008300A0771	D01EU306008TF1-04	30/60	2CKA008300A0812	D01EU554008TF1-04	55/40
2CKA008300A0772	D01EU306508TF1-04	30/65	2CKA008300A0813	D01EU554508TF1-04	55/45
2CKA008300A0773	D01EU307008TF1-04	30/70	2CKA008300A0814	D01EU555008TF1-04	55/50
2CKA008300A0774	D01EU353008TF1-04	35/30	2CKA008300A0815	D01EU555508TF1-04	55/55
2CKA008300A0775	D01EU353508TF1-04	35/35	2CKA008300A0816	D01EU556008TF1-04	55/60
2CKA008300A0776	D01EU354008TF1-04	35/40	2CKA008300A0817	D01EU556508TF1-04	55/65
2CKA008300A0777	D01EU354508TF1-04	35/45	2CKA008300A0818	D01EU557008TF1-04	55/70
2CKA008300A0778	D01EU355008TF1-04	35/50	2CKA008300A0819	D01EU603008TF1-04	60/30
2CKA008300A0779	D01EU355508TF1-04	35/55	2CKA008300A0820	D01EU603508TF1-04	60/35
2CKA008300A0780	D01EU356008TF1-04	35/60	2CKA008300A0821	D01EU604008TF1-04	60/40
2CKA008300A0781	D01EU356508TF1-04	35/65	2CKA008300A0822	D01EU604508TF1-04	60/45
2CKA008300A0782	D01EU357008TF1-04	35/70	2CKA008300A0823	D01EU605008TF1-04	60/50
2CKA008300A0783	D01EU403008TF1-04	40/30	2CKA008300A0824	D01EU605508TF1-04	60/55
2CKA008300A0784	D01EU403508TF1-04	40/35	2CKA008300A0825	D01EU606008TF1-04	60/60
2CKA008300A0785	D01EU404008TF1-04	40/40	2CKA008300A0826	D01EU606508TF1-04	60/65
2CKA008300A0786	D01EU404508TF1-04	40/45	2CKA008300A0827	D01EU607008TF1-04	60/70
2CKA008300A0787	D01EU405008TF1-04	40/50	2CKA008300A0828	D01EU653008TF1-04	65/30
2CKA008300A0788	D01EU405508TF1-04	40/55	2CKA008300A0829	D01EU653508TF1-04	65/35
2CKA008300A0789	D01EU406008TF1-04	40/60	2CKA008300A0830	D01EU654008TF1-04	65/40
2CKA008300A0790	D01EU406508TF1-04	40/65	2CKA008300A0831	D01EU654508TF1-04	65/45
2CKA008300A0791	D01EU407008TF1-04	40/70	2CKA008300A0832	D01EU655008TF1-04	65/50

Access control

ABB-AccessControl - Cylinders

European version cylinder with thumbturn					
Order no.	Article no.	Technical data	Order no.	Article no.	Technical data
2CKA008300A0792	D01EU453008TF1-04	45/30	2CKA008300A0833	D01EU655508TF1-04	65/55
2CKA008300A0793	D01EU453508TF1-04	45/35	2CKA008300A0834	D01EU656008TF1-04	65/60
2CKA008300A0794	D01EU454008TF1-04	45/40	2CKA008300A0835	D01EU656508TF1-04	65/65
2CKA008300A0795	D01EU454508TF1-04	45/45	2CKA008300A0836	D01EU657008TF1-04	65/70
2CKA008300A0796	D01EU455008TF1-04	45/50	2CKA008300A0837	D01EU703008TF1-04	70/30
2CKA008300A0797	D01EU455508TF1-04	45/55	2CKA008300A0838	D01EU703508TF1-04	70/35
2CKA008300A0798	D01EU456008TF1-04	45/60	2CKA008300A0839	D01EU704008TF1-04	70/40
2CKA008300A0799	D01EU456508TF1-04	45/65	2CKA008300A0840	D01EU704508TF1-04	70/45
2CKA008300A0800	D01EU457008TF1-04	45/70	2CKA008300A0841	D01EU705008TF1-04	70/50
2CKA008300A0801	D01EU503008TF1-04	50/30	2CKA008300A0842	D01EU705508TF1-04	70/55
2CKA008300A0802	D01EU503508TF1-04	50/35	2CKA008300A0843	D01EU706008TF1-04	70/60
2CKA008300A0803	D01EU504008TF1-04	50/40	2CKA008300A0844	D01EU706508TF1-04	70/65
2CKA008300A0804	D01EU504508TF1-04	50/45	2CKA008300A0845	D01EU707008TF1-04	70/70
2CKA008300A0805	D01EU505008TF1-04	50/50			

Access control

ABB-AccessControl - 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	<ul style="list-style-type: none"> • 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 <ul style="list-style-type: none"> • MIFARE (DESFire EV1) Radio interface: <ul style="list-style-type: none"> • Bluetooth standard: 4.2 • Bluetooth frequency: 2.4 GHz Power supply/service life: <ul style="list-style-type: none"> • 4 x LR1 alkaline batteries • Battery life at 20°C: up to 130,000 cycles or up to 3 years Environment <ul style="list-style-type: none"> • Temperature: -35°C to -55°C • Humidity: 0 to 95%, non-condensing Certification symbol <ul style="list-style-type: none"> • CE, UL, CCC, FCC, IP66, RCM, EAC, WEEE

Swiss version round profile half cylinder

Order no.	Article no.	Technical data	Order no.	Article no.	Technical data
2CKA008300A0848	D01CH300008NF1-04	30/00	2CKA008300A0875	D01CH304008NF1-04	30/40
2CKA008300A0849	D01CH350008NF1-04	35/00	2CKA008300A0876	D01CH354008NF1-04	35/40
2CKA008300A0850	D01CH400008NF1-04	40/00	2CKA008300A0877	D01CH404008NF1-04	40/40
2CKA008300A0851	D01CH450008NF1-04	45/00	2CKA008300A0878	D01CH454008NF1-04	45/40
2CKA008300A0852	D01CH500008NF1-04	50/00	2CKA008300A0879	D01CH504008NF1-04	50/40
2CKA008300A0853	D01CH550008NF1-04	55/00	2CKA008300A0880	D01CH554008NF1-04	55/40
2CKA008300A0854	D01CH600008NF1-04	60/00	2CKA008300A0881	D01CH604008NF1-04	60/40
2CKA008300A0855	D01CH650008NF1-04	65/00	2CKA008300A0882	D01CH654008NF1-04	65/40
2CKA008300A0856	D01CH700008NF1-04	70/00	2CKA008300A0883	D01CH704008NF1-04	70/40
2CKA008300A0857	D01CH303008NF1-04	30/30	2CKA008300A0884	D01CH304508NF1-04	30/45
2CKA008300A0858	D01CH353008NF1-04	35/30	2CKA008300A0885	D01CH354508NF1-04	35/45
2CKA008300A0859	D01CH403008NF1-04	40/30	2CKA008300A0886	D01CH404508NF1-04	40/45
2CKA008300A0860	D01CH453008NF1-04	45/30	2CKA008300A0887	D01CH454508NF1-04	45/45
2CKA008300A0861	D01CH503008NF1-04	50/30	2CKA008300A0888	D01CH504508NF1-04	50/45
2CKA008300A0862	D01CH553008NF1-04	55/30	2CKA008300A0889	D01CH554508NF1-04	55/45
2CKA008300A0863	D01CH603008NF1-04	60/30	2CKA008300A0890	D01CH604508NF1-04	60/45
2CKA008300A0864	D01CH653008NF1-04	65/30	2CKA008300A0891	D01CH654508NF1-04	65/45
2CKA008300A0865	D01CH703008NF1-04	70/30	2CKA008300A0892	D01CH704508NF1-04	70/45
2CKA008300A0866	D01CH303508NF1-04	30/35	2CKA008300A0893	D01CH305008NF1-04	30/50
2CKA008300A0867	D01CH353508NF1-04	35/35	2CKA008300A0894	D01CH355008NF1-04	35/50
2CKA008300A0868	D01CH403508NF1-04	40/35	2CKA008300A0895	D01CH405008NF1-04	40/50
2CKA008300A0869	D01CH453508NF1-04	45/35	2CKA008300A0896	D01CH455008NF1-04	45/50
2CKA008300A0870	D01CH503508NF1-04	50/35	2CKA008300A0897	D01CH505008NF1-04	50/50
2CKA008300A0871	D01CH553508NF1-04	55/35	2CKA008300A0898	D01CH555008NF1-04	55/50
2CKA008300A0872	D01CH603508NF1-04	60/35	2CKA008300A0899	D01CH605008NF1-04	60/50
2CKA008300A0873	D01CH653508NF1-04	65/35	2CKA008300A0900	D01CH655008NF1-04	65/50
2CKA008300A0874	D01CH703508NF1-04	70/35	2CKA008300A0901	D01CH705008NF1-04	70/50

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	<ul style="list-style-type: none"> • 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 <ul style="list-style-type: none"> • MIFARE (DESFire EV1) Radio interface: <ul style="list-style-type: none"> • Bluetooth standard: 4.2 • Bluetooth frequency: 2.4 GHz Power supply/service life: <ul style="list-style-type: none"> • 4 x LR1 alkaline batteries • Battery life at 20°C: up to 130,000 cycles or up to 3 years Environment <ul style="list-style-type: none"> • Temperature: -35°C to -55°C • Humidity: 0 to 95%, non-condensing Certification symbol <ul style="list-style-type: none"> • CE, UL, CCC, FCC, IP66, RCM, EAC, WEEE

Swiss version round profile cylinder with thumbturn

Order no.	Article no.	Technical data	Order no.	Article no.	Technical data
2CKA008300A0902	D01CH303008TF1-04	30/30	2CKA008300A0943	D01CH505508TF1-04	50/55
2CKA008300A0903	D01CH303508TF1-04	30/35	2CKA008300A0944	D01CH506008TF1-04	50/60
2CKA008300A0904	D01CH304008TF1-04	30/40	2CKA008300A0945	D01CH506508TF1-04	50/65
2CKA008300A0905	D01CH304508TF1-04	30/45	2CKA008300A0946	D01CH507008TF1-04	50/70
2CKA008300A0906	D01CH305008TF1-04	30/50	2CKA008300A0947	D01CH553008TF1-04	55/30
2CKA008300A0907	D01CH305508TF1-04	30/55	2CKA008300A0948	D01CH553508TF1-04	55/35
2CKA008300A0908	D01CH306008TF1-04	30/60	2CKA008300A0949	D01CH554008TF1-04	55/40
2CKA008300A0909	D01CH306508TF1-04	30/65	2CKA008300A0950	D01CH554508TF1-04	55/45
2CKA008300A0910	D01CH307008TF1-04	30/70	2CKA008300A0951	D01CH555008TF1-04	55/50
2CKA008300A0911	D01CH353008TF1-04	35/30	2CKA008300A0952	D01CH555508TF1-04	55/55
2CKA008300A0912	D01CH353508TF1-04	35/35	2CKA008300A0953	D01CH556008TF1-04	55/60
2CKA008300A0913	D01CH354008TF1-04	35/40	2CKA008300A0954	D01CH556508TF1-04	55/65
2CKA008300A0914	D01CH354508TF1-04	35/45	2CKA008300A0955	D01CH557008TF1-04	55/70
2CKA008300A0915	D01CH355008TF1-04	35/50	2CKA008300A0956	D01CH603008TF1-04	60/30
2CKA008300A0916	D01CH355508TF1-04	35/55	2CKA008300A0957	D01CH603508TF1-04	60/35
2CKA008300A0917	D01CH356008TF1-04	35/60	2CKA008300A0958	D01CH604008TF1-04	60/40
2CKA008300A0918	D01CH356508TF1-04	35/65	2CKA008300A0959	D01CH604508TF1-04	60/45
2CKA008300A0919	D01CH357008TF1-04	35/70	2CKA008300A0960	D01CH605008TF1-04	60/50
2CKA008300A0920	D01CH403008TF1-04	40/30	2CKA008300A0961	D01CH605508TF1-04	60/55
2CKA008300A0921	D01CH403508TF1-04	40/35	2CKA008300A0962	D01CH606008TF1-04	60/60
2CKA008300A0922	D01CH404008TF1-04	40/40	2CKA008300A0963	D01CH606508TF1-04	60/65
2CKA008300A0923	D01CH404508TF1-04	40/45	2CKA008300A0964	D01CH607008TF1-04	60/70
2CKA008300A0924	D01CH405008TF1-04	40/50	2CKA008300A0965	D01CH653008TF1-04	65/30
2CKA008300A0925	D01CH405508TF1-04	40/55	2CKA008300A0966	D01CH653508TF1-04	65/35
2CKA008300A0926	D01CH406008TF1-04	40/60	2CKA008300A0967	D01CH654008TF1-04	65/40
2CKA008300A0927	D01CH406508TF1-04	40/65	2CKA008300A0968	D01CH654508TF1-04	65/45
2CKA008300A0928	D01CH407008TF1-04	40/70	2CKA008300A0969	D01CH655008TF1-04	65/50

Access control

ABB-AccessControl - Cylinders

Swiss version round profile cylinder with thumbturn					
Order no.	Article no.	Technical data	Order no.	Article no.	Technical data
2CKA008300A0929	D01CH453008TF1-04	45/30	2CKA008300A0970	D01CH655508TF1-04	65/55
2CKA008300A0930	D01CH453508TF1-04	45/35	2CKA008300A0971	D01CH656008TF1-04	65/60
2CKA008300A0931	D01CH454008TF1-04	45/40	2CKA008300A0972	D01CH656508TF1-04	65/65
2CKA008300A0932	D01CH454508TF1-04	45/45	2CKA008300A0973	D01CH657008TF1-04	65/70
2CKA008300A0933	D01CH455008TF1-04	45/50	2CKA008300A0974	D01CH703008TF1-04	70/30
2CKA008300A0934	D01CH455508TF1-04	45/55	2CKA008300A0975	D01CH703508TF1-04	70/35
2CKA008300A0935	D01CH456008TF1-04	45/60	2CKA008300A0976	D01CH704008TF1-04	70/40
2CKA008300A0936	D01CH456508TF1-04	45/65	2CKA008300A0977	D01CH704508TF1-04	70/45
2CKA008300A0937	D01CH457008TF1-04	45/70	2CKA008300A0978	D01CH705008TF1-04	70/50
2CKA008300A0938	D01CH503008TF1-04	50/30	2CKA008300A0979	D01CH705508TF1-04	70/55
2CKA008300A0939	D01CH503508TF1-04	50/35	2CKA008300A0980	D01CH706008TF1-04	70/60
2CKA008300A0940	D01CH504008TF1-04	50/40	2CKA008300A0981	D01CH706508TF1-04	70/65
2CKA008300A0941	D01CH504508TF1-04	50/45	2CKA008300A0982	D01CH707008TF1-04	70/70
2CKA008300A0942	D01CH505008TF1-04	50/50			

Access control

ABB-AccessControl - Cylinders



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	<ul style="list-style-type: none"> • 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 <ul style="list-style-type: none"> • MIFARE (DESFire EV1) Radio interface: <ul style="list-style-type: none"> • Bluetooth standard: 4.2 • Bluetooth frequency: 2.4 GHz Power supply/service life: <ul style="list-style-type: none"> • 4 x LR1 alkaline batteries • Battery life at 20°C: up to 130,000 cycles or up to 3 years Environment <ul style="list-style-type: none"> • Temperature: -35°C to -55°C • Humidity: 0 to 95%, non-condensing Certification symbol <ul style="list-style-type: none"> • CE, UL, CCC, FCC, IP66, RCM, EAC, WEEE

US version mortise profile cylinder

Order no.	Article no.	Technical data
2CKA008300A0986	D01MO320005NF1-04	32/00 MO
2CKA008300A0987	D01MO350005NF1-04	36/00 MO
2CKA008300A0988	D01MO380005NF1-04	38/00 MO
2CKA008300A0989	D01MO410005NF1-04	41/00 MO
2CKA008300A0990	D01MO440005NF1-04	44/00 MO
2CKA008300A0991	D01MO500005NF1-04	50/00 MO

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	<ul style="list-style-type: none"> • 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 <ul style="list-style-type: none"> • MIFARE (DESFire EV1) Radio interface: <ul style="list-style-type: none"> • Bluetooth standard: 4.2 • Bluetooth frequency: 2.4 GHz Power supply/service life: <ul style="list-style-type: none"> • 4 x LR1 alkaline batteries • Battery life at 20°C: up to 130,000 cycles or up to 3 years Environment <ul style="list-style-type: none"> • Temperature: -35°C to -55°C • Humidity: 0 to 95%, non-condensing Certification symbol <ul style="list-style-type: none"> • CE, UL, CCC, FCC, IP66, RCM, EAC, WEEE

Scandinavian version profile half cylinder

Order no.	Article no.	Technical data
2CKA008300A0846	D01SC300005NF1-04	30/00



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 <ul style="list-style-type: none"> • MIFARE (DESFire EV1) Radio interface: <ul style="list-style-type: none"> • Bluetooth standard: 4.2 • Bluetooth frequency: 2.4 GHz Power supply/service life: <ul style="list-style-type: none"> • 4 x LR1 alkaline batteries • Battery life at 20°C: up to 130,000 cycles or up to 3 years Environment <ul style="list-style-type: none"> • Temperature: -35°C to -55°C • Humidity: 0 to 95%, non-condensing Certification symbol <ul style="list-style-type: none"> • CE, UL, CCC, FCC, IP66, RCM, EAC, WEEE

US version RIM profile cylinder

Order no.	Article no.	Technical data
2CKA008300A0983	D01US000008NF1-04	00/00

Additional information

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