



Building systems technology

KNX Visualisation options



- Control and monitoring of functions for the entire room
- Control of light, heating, blinds and scenes
- The integration of media technology and the internet is also possible
- Dashboard for controlling, monitoring and automation of building functions

Centralised and comfortable operation

The new freedom

Modern home automation has never been as comfortable. With intuitive gestures, the way you operate your smartphone or tablet. This is how you control light, blinds, heating, music and much more with the utmost in comfort. Individual or in single scenes. Just as you please via expressive touch panels or via app of mobile devices. Both at home and while travelling. Discover the possibilities of limitless freedom.





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01 Whether at home or at the office: Operating comfort via panel or app is limitless.

Busch-SmartTouch®

Your control panel for smart buildings

Intuitive and modern - the way building control should function. Ideally, the permanently installed panel is handled similar to a mobile terminal device. This means that the entire house, the apartment, the office or business premises can be controlled with a swiping gesture or the tip of the finger. For this reason ABB is extending its product range with the new Busch-SmartTouch® KNX. It is the successor of the successful SMARTtouch.



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The Busch-SmartTouch® is ideally suited for new buildings and for objects being renovated. It is ideal for single residential units as well as for hotels or conference rooms in representative functional buildings.

One device for two systems.

The home automation of the KNX system and the fully integrated functions of ABB-Welcome in the one device – that is the big advantage of the Busch-SmartTouch®. Aside from the direct KNX connection, the panel also has a direct two-wire connection for the ABB-Welcome. The door communication system, which has won several awards, impresses with its holistic concept for numerous areas of application and sets new standards both technically as well as creatively. Instead of requiring an additional indoor station for ABB-Welcome, now door calls can be simply accepted via the Busch-SmartTouch®. This opens totally new dimensions for home automation - with a high degree of comfort, safety and energy efficiency.

The colour display has a diagonal of 17.78 cm (7") in 16:9 format. The special feature of the Busch-SmartTouch®: It has a minimal mounting height only 13 mm. The panel is available in two colour versions – in genuine black or white glass. This allows it to be perfectly combined with the carat® and Busch-axcent® switch ranges. The bottom design bar made of brushed stainless steel lends the panel that visual refinement. In combination with the mounting frame the Busch-SmartTouch® can be mounted on the old ABB control panel box, normal flush-mounted boxes or also on the new ABB-Welcome table stand.

Intuitive operation for greater comfort and convenience.

With its high-quality capacitive surface the Busch-SmartTouch® adapts itself to the mobile trend and is as easy to operate as a smartphone or tablet. The display, which is intuitively operated, can be used to switch and dim the lights in the entire building, as well as control the blinds and the heating.

The integrated room temperature controller cares for this. Also complete scenes can be created from all these functions. All of this makes the life of the user more pleasant, safer and it saves energy.

Device features worth mentioning:

- Capacitive touch with the support swiping gestures
- Up to 30 pages with a maximum of 480 control elements
- 30 logic functions
- 80 fault and alarm messages which can be stored in a list and exported
- Up to 30 weekday timers with astro function which can be set by the user
- A favourite page with a maximum of 16 favourite control elements
- Indoor video station for door communication
- Presence simulation



—
01 Busch-SmartTouch®,
black

—
02 Busch-SmartTouch®,
white

—
03 ABB-Welcome
outdoor video station,
1gang, stainless steel

Busch-ControlTouch®

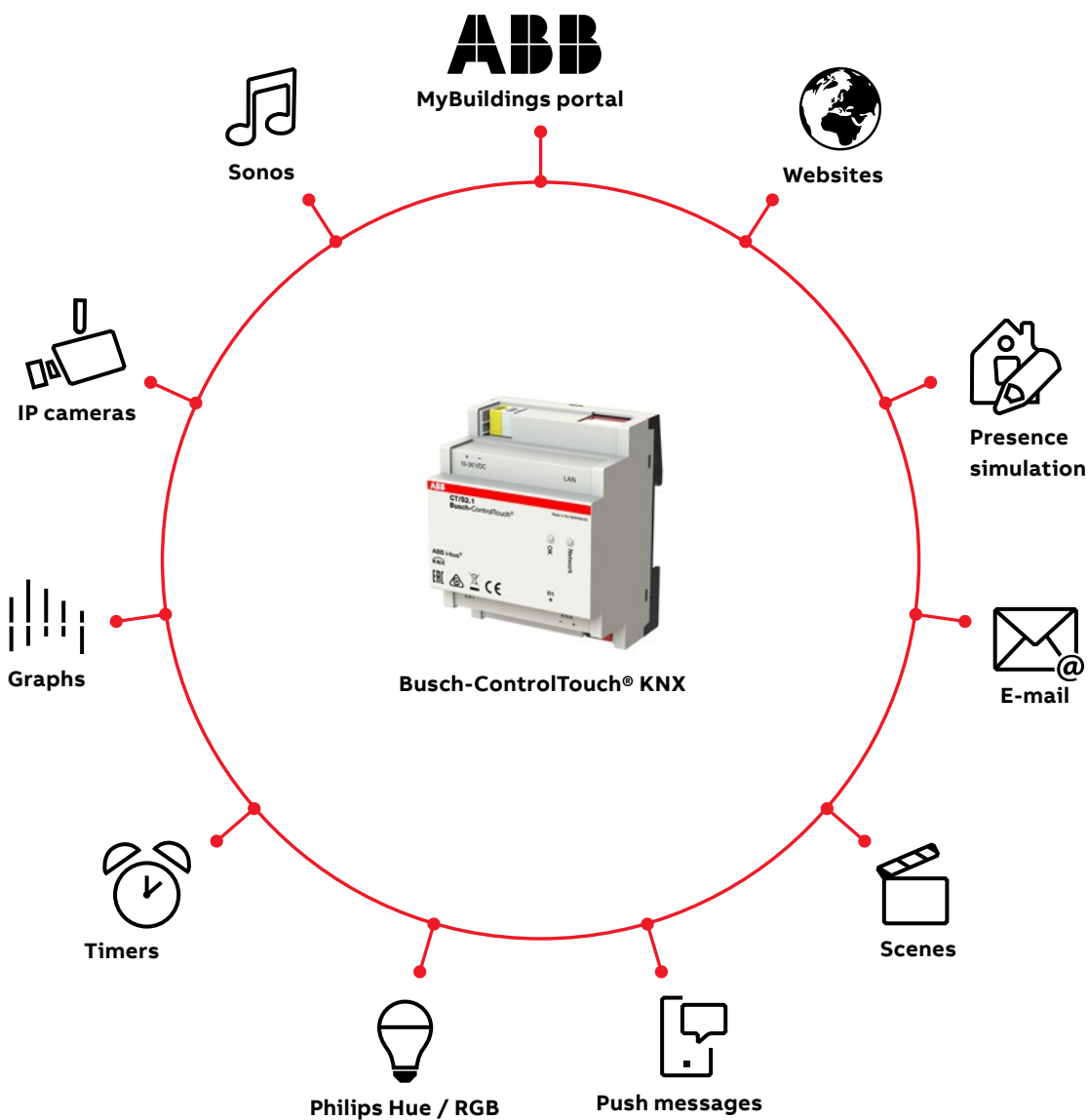
Easy KNX remote control with mobile device

Smartphones, tablets and smartwatches or PCs turn into a practical remote control, thanks to the Busch-ControlTouch®. It connects the KNX installation with the IP network and controls all KNX functions in the building.

The applications for iOS and Android create intuitive operation the same as the PC application. The compact 4 MW DIN rail can be parameterized via the MyBuildings portal, thereby making it completely future-oriented for future system extensions and modifications. In addition: Many useful services (e.g. external access to the KNX system or a notification service) through connection to the MyBuildings portal Cloud are very easy to implement.

Whether in a single residential unit, in a large apartment block or at the workplace – the Busch-SmartTouch® intelligently controls the home automation. Either locally or while traveling. With the Busch-SmartTouch® you have complete access at all times.





Device features worth mentioning:

- External access the the KNX system
- Easy creation of individual scenes
- Integrated weekly timer (with astro function)
- Integrated logic editor
- Recording and display of diagrams
- Sonos and Philips Hue connection
- Connection of IP cameras with MJPEG protocol possible
- Integrated rights and user management
- Alarm messages via e-mail and/or push notification
- iOS widget for fast access from the mobile terminal device



ABB RoomTouch®

As individual as your home

The ABB RoomTouch® KNX display is a capacitive multi control element for intelligent controlling of rooms either in residential homes or commercial applications such as hotel rooms, offices and medical practices. With a super slim 11mm design, ABB RoomTouch® features a sleek metal frame and high-quality glass panel and is available in stylish black or white color finishes.

The user-friendly design with its easy and intuitive iconography reduces the complexity of the device and allow all daily routines in smart living – from lighting, blinds, scenes, time programs to room temperature, data from your weather station and audio – to be easily controlled by one device. All functions can easily be controlled by gently swiping up for instance to

open the blinds or swiping down to shut them. Personalized room scenes can be created, such as a movie setting, where the blinds are closing, and the lights dim down, by one simple touch on the panel. The panel can also be controlled by sliding through the menu or tapping to confirm an operation like switching on the lights.

For added energy savings, the device features a quick standby mode when the room turns dark and turns on automatically when it senses the presence of someone close by. It also offers a day and night mode to complement the lighting of the room.

Before installation users can decide if they want to install it landscape or portrait.



reddot winner 2020





- Up to 30 control elements
- The full hand activates a pre-defined “coming in” scene or function
- Acoustic and haptic feedback
- Integrated proximity and brightness sensor
- Integrated room temperature controller
- Anti-glare mode for use in dark
- Integrated binary input
- Integrated external temperature sensor input
- Commissioning via ETS5 and DCA tool

The HD IPS touch display can be mounted in landscape format or portrait format for intelligent building control (alignment can be decided on-site)

ABB-Welcome IP

IP touch

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

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01 IP touch 7",
White glass

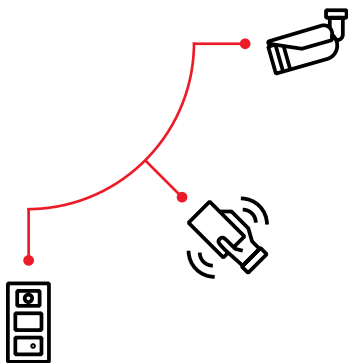
—
02 IP touch 7",
Black glass

—
03 IP touch 10",
Black glass

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.

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.

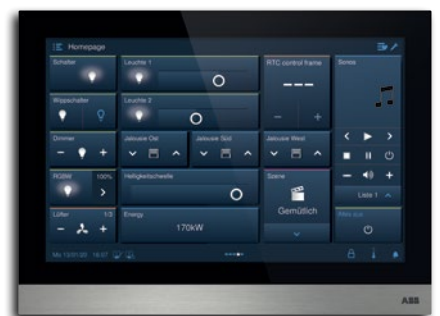
- With high resolution display
- Intuitive GUI on sliding screen
- Selection of installation box options ensure easy installation on all kind of walls
- Induction loop for hearing aid
- Only 7.8 mm depth when flush mounted
- Both LAN and Wifi version to connect to home network
- With up to 64 controls on the 7" and 100 controls on the 10" divided over max. 8 pages
- Works with ABB-free@home®
- Works with ABB i-bus® KNX



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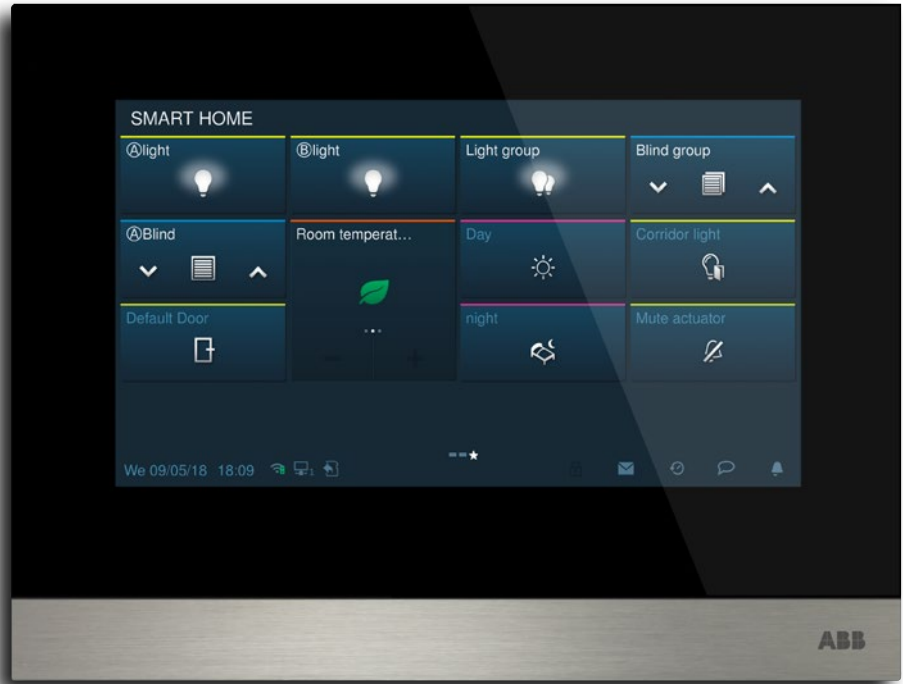
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7.8 mm for 7",
flush mounted
installation

22 mm for 7",
surface mounted
installation



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Home and building dashboard

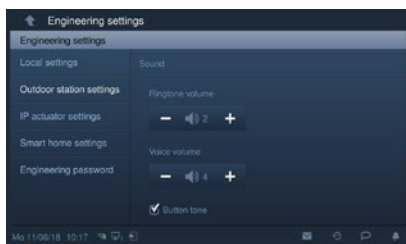
Main menu with easy settings for door communication, video surveillance and home automation. The new ABB's IP touch ensures that comprehensive functions in a room or entire building are centrally visualized, easy and intuitively operated in a comfortable and efficient manner.

Look thin, and act changeable

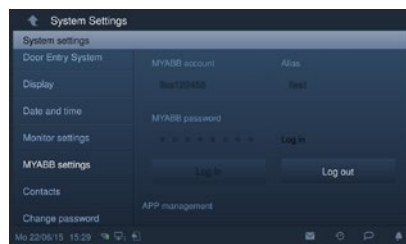
Extra thin passe-partout is really trend setting. Front frameless genuine glass in black and white plus easy changeable end strip with different color. Extremely slim in both flush and surface mounted situations represents this new series of indoor panels, in a combination of art and science.

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.

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



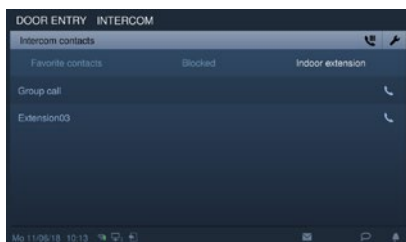
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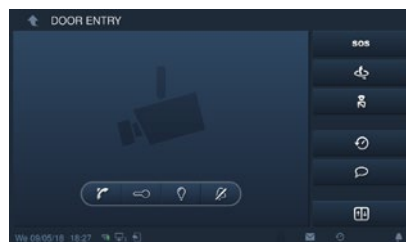
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Smart KNX devices

Limitless possibilities

KNX



	Busch-SmartTouch®	ABB RoomTouch®	IP touch 7
Article no.	6136/07-xx-500	RT/U30.0.1-8xx	H8236-xx
KNX control elements	480	30	64
Pages	30	10	8
Alarm messages	80	20	80
Notification via e-mail	x	x	x
Notification via push notification	x	x	x
Alarm control unit	x	x	x
LAN connection	x	x	✓
Presence simulation	20 objects	x	10 objects
Scenes	100	16	16
Logic functions	30	10	10
Internal RTC	1	1	✓
RGB control element	✓	✓	✓
Timers and schedulers	30 timers	10 timers	10 timers
ABB-Welcome IP	x	x	✓
ABB-Welcome	Direct 2-wire	x	x
Favourites page	✓	x	1
Operation via Smartphone	x	x	x
Operation via PC	x	x	x
Power supply	20 - 30 V DC	20 - 32 V DC	PoE or 24V DC
Touch	Capacitive	Capacitive	✓
Cover	Glass	Glass	Glass
Display size	7 inch	5 inch	7 inch
Pixel	600 x 1024	720 x 1280	1024 x 600



IP touch 10	Busch-ControlTouch®
H8237-xx	CT/S2.1
100	∞
8	∞
80	∞
x	✓
x	✓
x	x
✓	✓
10 objects	∞
16	∞
10	200 and scripts
✓	x
✓	✓
10 timers	∞
✓	x
x	x
1	x
x	✓
x	✓
PoE or 24V DC	10 - 36 V DC
✓	-
Glass	-
10 inch	-
1280 x 800	-



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