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.
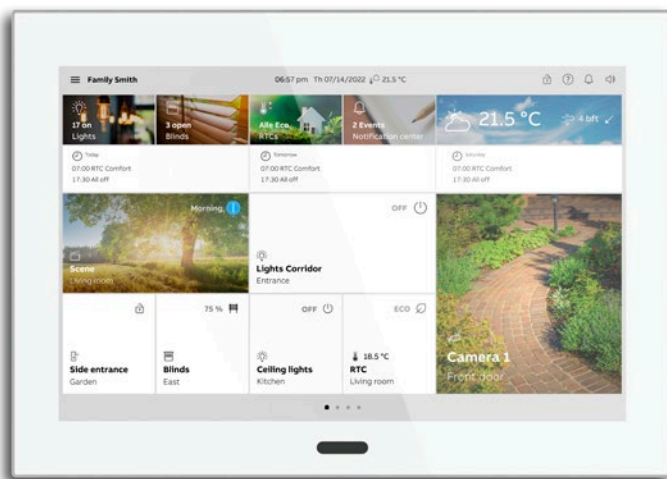
KNX

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

ABB SmartTouch® 10"
Elegant central control
for smart buildings

ABB SmartTouch® 10" combines smart building automation ABB i-bus® KNX or ABB-free@home®, and ABB-Welcome door communication in one device, providing central monitoring and control of your smart building devices.

gold   rose gold   graphite   stainless steel

- Connect to the Welcome APP for remote door answering
- Integrate IP cameras over wi-fi connection
- Presence simulation
- Integrated induction loop for hearing aids
- Capacitive glass surface for swiping gestures
- Access and view the weather forecast for the coming 5 days

Choose to interact with the elegantly designed 10" IPS screen with 1280 x 800 resolution.

The high-quality capacitive display can be operated intuitively at the touch of a finger and with swipe gestures. This allows you to switch and dim the light, control the blinds and regulate the heating in the entire building, control time programs, audio devices and presence simulation via the tip of a finger.
Complete scenes can be created from all these functions to design your perfect environment for work, rest, or play. Time programs can also help you manage your energy consumption, for example by scheduling night-time modes to automatically close blinds and turn off lights.

Maximum convenience and security
With ABB SmartTouch® 10" there is no need for an additional indoor station for ABB-Welcome, door calls can now be simply received via the touchscreen or the matching App. Creating a whole new dimension of home control - with maximum convenience and security.

reddot award
product design 2022

reddot winner 2022
interface design

iF DESIGN AWARD 2022

GERMAN INNOVATION AWARD '22 WINNER

UX DESIGN AWARDS
nominated 2022

ICONIC AWARDS 2022
INNOVATIVE ARCHITECTURE
winner

Ready when you are

Providing up to 450 control elements ABB SmartTouch® 10" delivers all the capability you'll need when you are ready to grow and extend your smart building installation as you add new smart devices and appliances.

Control your way

Modify dashboards with a few clicks to display your favourite functions on the home screen putting you in control of your environment quickly and easily.

Stylish new addition to your home

The 14 mm thin design of the ABB SmartTouch® 10" offers a stylishly attractive appearance, whether installed flush-mounted or surface-mounted. And on a non-slip table stand it is also perfectly suited for reception counters or in bar areas. Available in 4 sophisticated and contemporary colors, Gold, Rose Gold, Graphite and Stainless Steel with Black or white glass ABB SmartTouch® 10" is sure to enhance any interior.
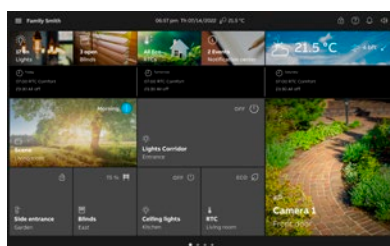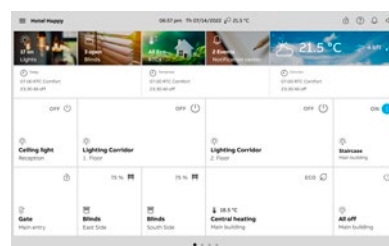
14 mm for 10",
flush mounted
installation

23 mm for 10",
surface mounted
installation

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My Home

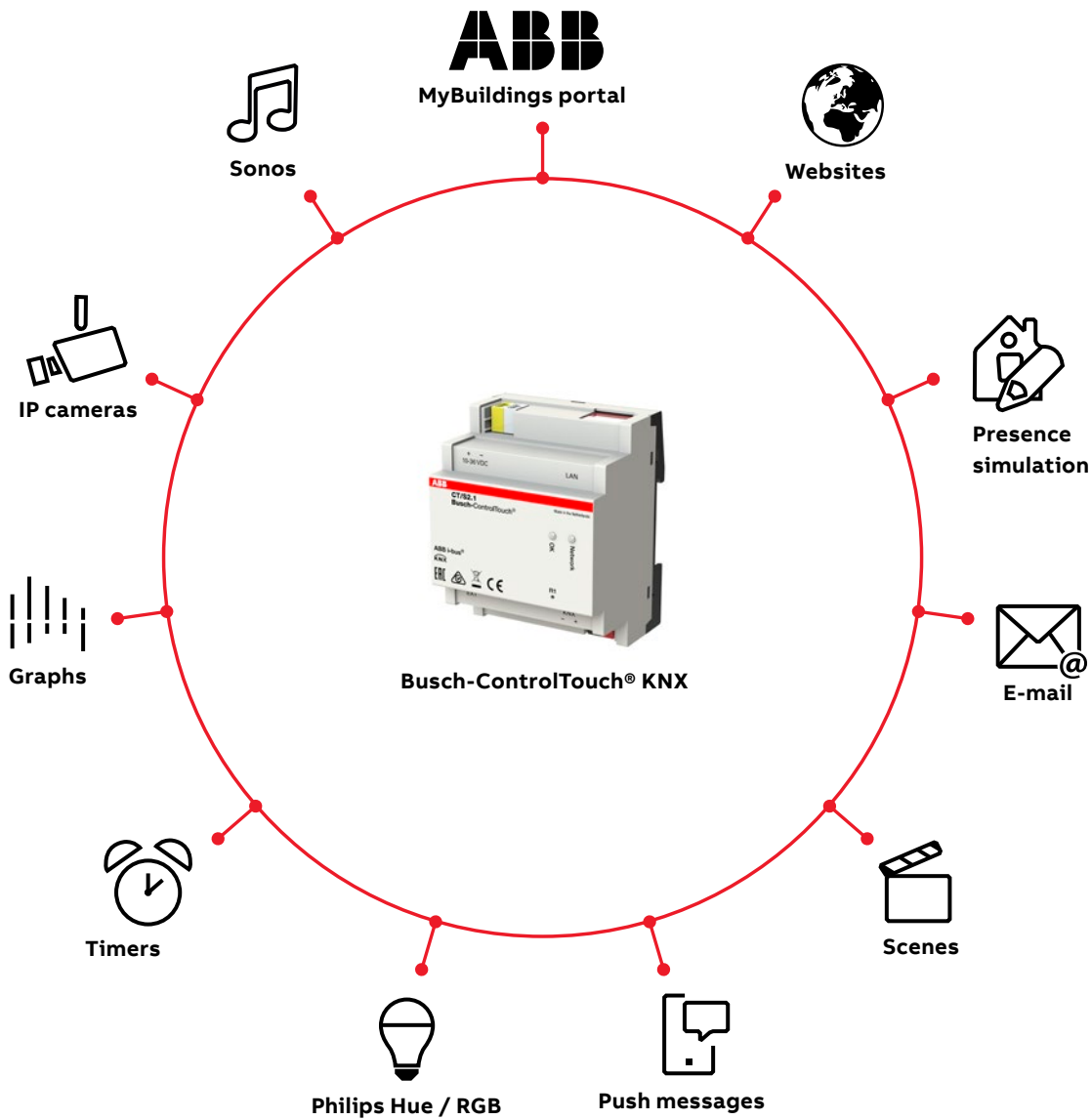—
Hotel

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 travelling. With the Busch-SmartTouch® you have complete access at all times.

ABB
MyBuildings portal

Sonos

Websites

IP cameras

Presence simulation

Busch-ControlTouch® KNX

Graphs

E-mail

Timers

Scenes

Philips Hue / RGB

Push messages

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

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ABB RoomTouch®
As individual as your home

ABB RoomTouch® KNX is a capacitive multi control HD-TouchDisplay.
The operating concept and selection of functions can be configured
individually.

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 11 mm 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.

- 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

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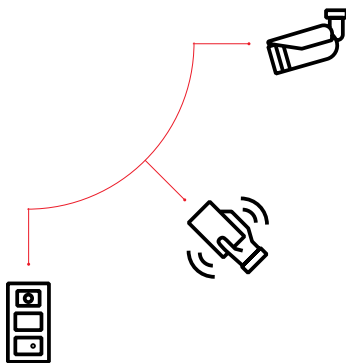
ABB-Welcome IP
IP touch

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

—
01 IP touch 7,
White glass
—
02 IP touch 7,
Black glass
—
03 IP touch 10,
Black glass

IP technology is dedicated to the creation of a
more intelligent community that can realize the
unlimited connection and control of devices.
It makes every home and building become a
comfortable and safe place.

Powerful and beautiful. The ABB's IP touch is
available in two timeless classic colors: white
and black glossy glass. The end strips are easily
changed with a variety of material and color
options, delivering the look you desire. The
integration with home and building automation
makes it the best universal visualization panel in
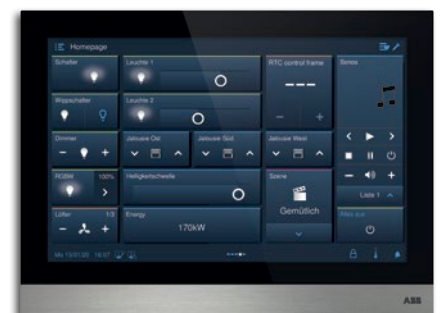residential and non-residential areas.

- 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
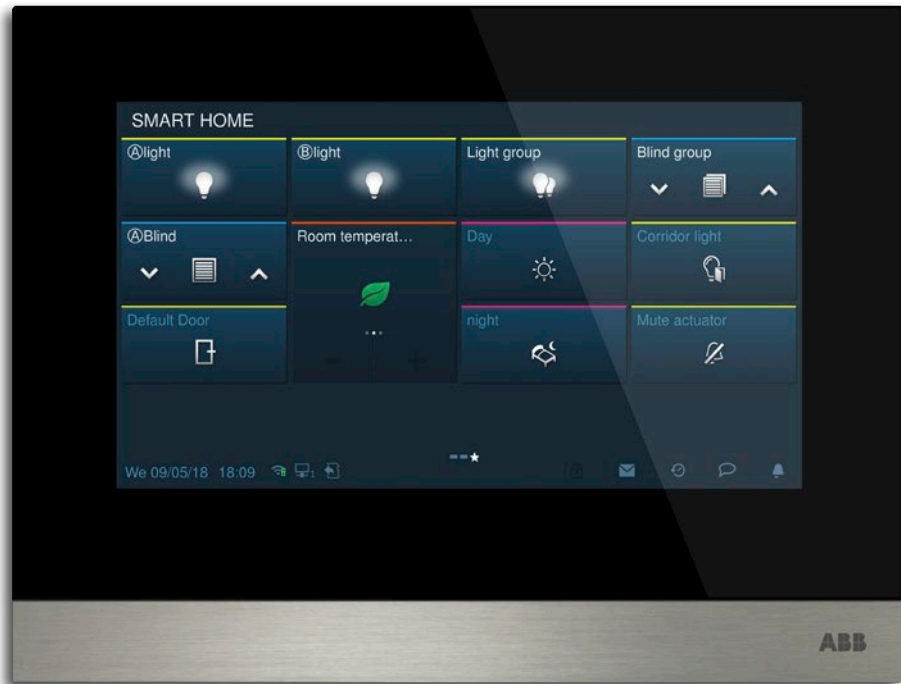- Works with ABB-free@home®
- Works with ABB i-bus® KNX

GERMAN DESIGN AWARD WINNER 2020

GERMAN INNO VATION AWARD '20 WINNER

ICONIC AWARDS 2020 INNOVATIVE INTERIOR winner

Focus Open 2020 Silver

GOOD DESIGN

reddot winner 2020

01

02

03

7.8 mm for 7",
flush mounted
installation

22 mm for 7",
surface mounted
installation

—
01

Home and building dashboard

Main menu with easy settings for door
communication, video surveillance and home
automation. The ABB 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

Feel confident knowing what is going on when you
are away from home by viewing a snapshot image
or recorded video. It is also very easy when hosting
a party to leave an audio message or set the
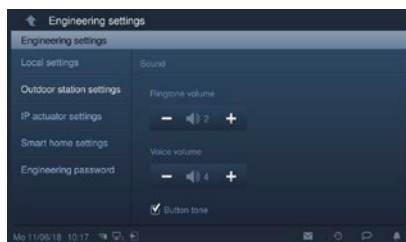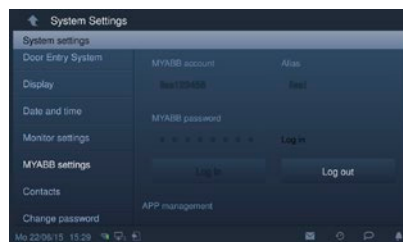automatic unlock time range.

Slim elegant design

Extremely slim in both flush and surface mounted
installations, featuring front frameless genuine
glass in black and white with easily changeable
end strip in different colors, it is incredibly
beautiful while powerfully functional.

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

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02

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04

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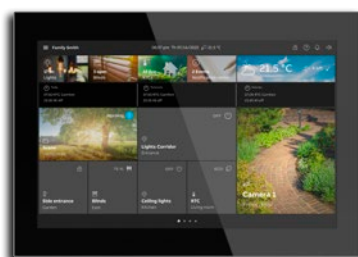05

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06

Smart KNX devices
Limitless possibilities

KNX

	ABB SmartTouch® 10"	ABB RoomTouch®	IP touch 7
Article no.	ST/U10.x.1-xxx	RT/U30.0.1-8xx	H8236-xx
KNX control elements	450	30	64
Pages	25	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	3	1	■
RGB control element	■	■	■
Timers and schedulers	40 timers	10 timers	10 timers
ABB-Welcome IP	x	x	■
ABB-Welcome	Direct 2-wire	x	x
Favourites page	2	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	10 inch	5 inch	7 inch
Pixel	1280 x 800	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	–

ABB

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