ABB

DOOR ENTRY SYSTEM

ABB Welcome®
US order catalog

—

Contents

Customize to fit your needs
ABB Welcome opens up new possibilities for both sides — residents and guests.

It provides comprehensive comfort, greater security and elegant design. The systems blends harmoniously with the exterior architecture. ABB Welcome's attractive design complements all home designs and innovative technology meets expectations of security.

—
01 Single-family home

—
02 Town home

—
03 Apartment buildings

—
04 Residential complexes

—
01

—
02

—
03

—
04

ABB Welcome

—
01 Video keypad outdoor station, stainless steel

—
02 Video outdoor station, 1 round button, stainless steel

—
03 Video outdoor station, 1/2 pushbutton, aluminum

—
04 Mini outdoor station, 1 pushbutton, aluminum

—
05 Video Indoor Station 7" Touch

—
06 4.3" video hands-free indoor station, white

—
07 Basic 4.3" video hands-free indoor station, white

—
08 4.3" video handset indoor station, white

—
09 Audio hands-free indoor station, white
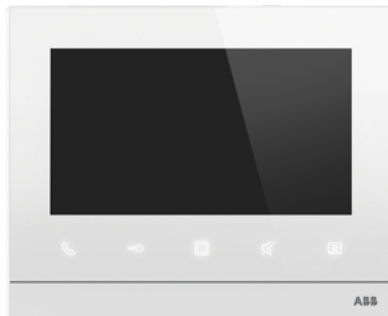
—
10 Video Indoor Station 4.3", WiFi
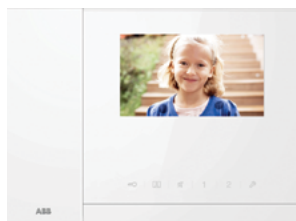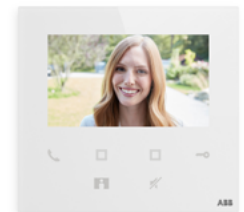
—
01

—
02

—
03

—
04

—
05

—
06

—
07

—
08

—
09

—
10

One solution for all requirements
The Welcome range of door entry system offers security, ease of use and more flexible installation solutions.

From single-family homes to complex residential complexes, Welcome provides one flexible solution for your door entry security and communication requirements.

ABB Welcome maximum capacity
- 600 m (about 2000 feet) from gate station to last indoor station
- 15,000 residences (250 apartments per building, 60 buildings)
- 9 guard units
- 9 outdoor stations for each residence

Single-family homes
Welcome provides a secure, flexible and simple solution for single-family homes, offering audio and video functionality. Welcome is easy to expand by simply adding additional devices.

Audio solution for multi-family homes and buildings
Welcome provides a superior audio system solution that allows for easy upgrades to video.

Video solution for multi-family homes and buildings
Welcome provides a high performance video system with 2-wire video technology for multi-family homes and buildings. Its simple design easily integrates into new construction or renovation.

Network solutions for residential complexes
Welcome meets the need for networked security and communication in larger complexes such as high-rise apartments or condominiums.

—
02

—
03

—
04

Home kits
ABB Welcome compact kits

Each kit contains everything needed to complete the installation and perform the desired function.

Catalog number	Description	Contents
M20001	Audio kit	Audio single-family home kit Audio outdoor station, 1/2 pushbutton, aluminum Flush mounted box, size 1/1 Mini system controller Audio handset indoor station, 3 buttons, white
M20011	Audio kit	Audio single-family home kit Audio outdoor station, 1/2 pushbuttons, aluminum Flush-mounted box, size 1/1 Min-system controller Audio handsfree indoor station, 4 buttons,white

Catalog number	Description	Contents
M20311	Video kit	Video single-family home kit Video outdoor station, 1/2 pushbutton, aluminum Flush mounted box, size 1/2 Mini system controller 4.3" color video handset indoor station, white
M20321	Video kit	Video single-family home kit Video outdoor station, 1/2 pushbutton, aluminum Flush mounted box, size 1/2 Mini system controller 4.3" video hands-free indoor station, white
M20365	Video kit	Mini OS kit Mini video outdoor station, 1 pushbutton Basic 4.3" video hands-free indoor station Mini system controller
M20351	Video kit	Video single-family home kit without indoor station Video outdoor station, 1/2 pushbutton, aluminum Flush mounted box, size 1/2 Mini system controller IP gateway Indoor station is not included in the kit, but all indoor stations range can be selected.

—

Home kits

Catalog number	Description	Contents
M20371	Video kit	Video 1 family kit Mini video outdoor station, 1 pushbutton 4.3" Color video handset indoor station, white Mini system controller
M20353	Video kit	Video 1 family kit Mini video outdoor station, 1 pushbutton Min system controller IP gateway
M20381	Video kit	Video 1 family kit Mini video outdoor station, 1 pushbutton 4.3" Video hands-free indoor station Mini system controller

Outdoor stations
Stainless steel

Audio outdoor station, stainless steel

- Clean design with brushed stainless steel.
- Can be surface or flush mounted.
- Different mode setting is possible for pushbutton, such as light switch and calling guard.
- Dust and waterproof to IP54.
- Tamper-proof to IK07.
- Product dimensions: size 1/2: 7.91 x 4.92 x 1.93 inches, size 1/3: 10.79 x 4.92 x 0.75 inches.

Catalog number	Description	Pack qty.
M21011P1-S	Audio outdoor station, 1 pushbutton, stainless steel	1/19
M21013N3-S	Audio outdoor station, without pushbuttons, size 1/2, stainless steel	1/19
M21013N6-S	Audio outdoor station, without pushbuttons, size 1/3, stainless steel	1/19

Video outdoor station, 1 button and 2 button optional

- Clean design with brushed stainless steel.
- Can be surface or flush mounted.
- Different mode setting is possible for pushbutton, such as light switch and calling guard.
- Dust and waterproof to IP54.
- Tamper-proof to IK07.
- Product dimensions: 1/3: 0.79 x 4.92 x 0.75 inches, size 1/4: 13.66 x 4.92 x 1.93 inches.

Catalog number	Description	Pack qty.
M21321P1-S	Video outdoor station, 1 pushbutton, stainless steel	1/12
M21322P1-S	Video outdoor station, 1 pushbutton, stainless steel, with NFC/IC function	1/12
M21323N3-S	Video outdoor station, without pushbuttons, size 1/3, stainless steel	1/12
M21323N6-S	Video outdoor station, without pushbuttons, size 1/4, stainless steel	1/12

Video keypad outdoor station with speech synthesis

- Clean design with brushed stainless steel.
- Built-in card reader in display module, support IC (13.56 MHz) card and ID (125 KHz) card.
- Can be surface mounted (41024F and 51024RH required) and flush mounted 41024F required.
- Dust and waterproof to IP54.
- Tamper-proof to IK07.
- Product dimensions: 13.66 x 4.92 x 1.93 inches.

Catalog number	Description	Pack qty.
M21321K-S	Video outdoor station with keypad, ID, stainless steel	1/12
M21322K-S	Video outdoor station with keypad, IC, stainless steel	1/12

Outdoor stations
Aluminum

Mini outdoor station, 1 button/2 buttons
- Compact size.
- Available with 1 and 2 round buttons.
- Available with optional ID (125 kHz) card reader.
- Clean design with integrated status display.
- Connects with up to 2 lock connections.

Catalog number	Description	Pack qty
M21312P1-A	Mini video outdoor station (99 mm width, SM), 1 pushbutton, with ID card reader, with surface-mounted box	1/16
M21312P2-A	Mini video outdoor station (99 mm width, SM), 2 pushbuttons, with ID card reader, with surface-mounted box	1/16
M21311P1-A	Mini video outdoor station (99 mm width, SM), 1 pushbutton, with surface-mounted box	1/16
M21311P2-A	Mini video outdoor station (99 mm width, SM), 2 pushbuttons, with surface-mounted box	1/16
M21362P1-A	Mini video outdoor station (105 mm width, FM), 1 pushbutton, with ID card reader with flush-mounted box	1/19
M21362P2-A	Mini video outdoor station (105 mm width, FM), 2 pushbuttons, with ID card reader with flush-mounted box	1/19
41361F	Pre-installation box	1/19

Video outdoor station, 1-row pushbutton for 1 or 2 calls
- The assembled product includes camera module (M251021C), audio module with 1/2 pushbutton (M251022A-A) and 2-module cover frame (51022CF-A).
- Dustproof and waterproof to IP54.
- Tamper-proof to IK07.
- Different mode setting is possible for pushbutton, such as 1 call or 2 calls in one row.
- Surface mounting (41022F and 51022RH needed) and flush mounting (41022F needed).
- Product dimensions: 7.91 x 4.92 x 1.93 inches.

Catalog number	Description	Pack qty.
M21351P1-A	Video outdoor station, 1/2 pushbutton, aluminum	1/19

Video keyboard outdoor station with speech synthesis
- The assembled product includes camera module (M251021C), audio module with speech synthesis (M251024A-A), keypad module (M251021K-A) and display module (M251021CR or M251022CR).
- Dust and waterproof to IP54.
- Tamper-proof to IK07.
- Built-in card reader in display module, supports ID (125 kHz) card (M21351K-A) and IC (13.56 MHz) card (M21352K-A).
- Surface (41024F and 51024RH required) and flush (41024F required)
- Product dimensions: 13.66 x 4.92 x 1.93 inches.

Catalog number	Description	Pack qty.
M21351K-A	Video outdoor station with keypad, with ID card reader	1/12
M21352K-A	Video outdoor station with keypad, with IC card reader	1/12

Outdoor stations
Modules

Camera module
- Video color camera with large detection angle (H 86°, V 67°, D 104°) and manually adjustable by ± 15° horizontally and vertically.
- Built-in infrared lighting ensures clear image.
- Anti-fog design with built-in heater keeps the lens free of condensation.
- Connects with one additional analog camera for surveillance via the video indoor station.
- Product dimensions: 2.83 x 3.82 x 1.61 inches.

Catalog number	Description	Pack qty.
M251021C	Camera module	1/12/12

(Only for aluminum)

Audio module, no button
- Audio module is required for any audio or video outdoor station composition.
- 3 LEDs for status indications: call established/system busy, communication possible and door unlocked.
- One output provides power output for electric locks.
- Additional terminal for second lock is available.
- Adjustable volume and lock release time.
- No button.
- Integrated optic sensor for day and night mode.
- Product dimensions: 2.83 x 3.82 x 1.50 inches.

Catalog number	Description	Pack qty.
M251021A-A	Audio module, aluminum	1/12/12
M251021A-W	Audio module, coated white	1/12/12

(Only for aluminum)

Audio module, 1 row pushbutton for 1 or 2 calls
- Audio module is required for any audio or video outdoor station composition.
- 3 LED indicators for operation status indications: call established/system busy, communication possible and door unlocked.
- One lock can be directly connected without independent power supply for the lock.
- Additional terminal for second lock is available.
- Lock release time and speaker volume are adjustable.
- 1 row of pushbutton.
- 1 pushbutton can be configured to call one or two addresses, call guard unit or switch on light.
- Integrated optic sensor for day and night mode.
- Product dimension: 2.83 x 3.82 x 1.50 inches.

Catalog number	Description	Pack qty.
M251022A-A	Audio module, 1 row pushbutton, aluminum	1/12/12
M251022A-W	Audio module, 1 row pushbutton, coated white	1/12/12

Outdoor stations
Modules

(Only for aluminum)

Audio module, 2 row pushbuttons for 2 or 4 calls
- Audio module is required for any audio or video outdoor station composition.
- 3 LED indicators for operation status indications: call established/system busy, communication possible and door unlocked.
- One lock can be directly connected without independent power supply for the lock.
- Additional terminal for second lock is available.

- Lock release time and speaker volume are adjustable.
- 2 rows of pushbuttons.
- Different mode setting is possible such as 1 call or 2 calls in one row, call guard or switching light for the first or second button.
- Integrated optic sensor for day and night modes.
- Product dimensions: 2.83 x 3.82 x 1.50 inches.

Catalog number	Description	Pack qty.
M251023A-A	Audio module, 2 rows pushbuttons, aluminum	1/12/12
M251023A-W	Audio module, 2 rows pushbuttons, coated white	1/12/12

(Only for aluminum)

Audio module, no button, with speech synthesis
- Audio module is required for any audio or video outdoor station composition.
- 3 LED indicators for status indications: call established/system busy, communication possible, door unlocked.
- One output provides power output for electric locks.

- Additional terminal for second lock is available.
- Adjustable volume and lock release time.
- No button, with speech synthesis for status feedback.
- Integrated optic sensor for day and night modes.
- Product dimensions: 2.83 x 3.82 x 1.50 inches.

Catalog number	Description	Pack qty.
M251024A-A	Audio module with speech synthesis, aluminum	1/12/12
M251024A-W	Audio module with speech synthesis, coated white	1/12/12

Pushbutton module, 3 rows for 3 or 6 calls
- Nameplate is removable by tool without disassembling the panel.
- Backlight ensures clear visibility at night.

- 3 rows can be set for 3 or 6 calls.
- Product dimensions: 2.83 x 3.82 x 0.98 inches.

Catalog number	Description	Pack qty.
M251021P3	3/6 pushbutton module	1/10/8
51021P3	1/3 height cover for 3/6 pushbutton module	

Outdoor stations
Modules

Pushbutton module, 4 rows for 4 or 8 calls
- Nameplate is extractable by tool without disassembling the panel.
- Backlight ensures clear visibility at night.

- 4 rows can be set for 4 or 8 calls.
- Product dimensions: 2.83 x 3.82 x 0.98 inches.

Catalog number	Description	Pack qty.
M251021P4	4/8 pushbutton module	1/10/8
51021P4	1/4 height cover for 4/8 pushbutton module and audio module with button	

Keypad module, letters A-Z
- Inputting device for keypad outdoor station.
- Letters from A-Z.
- Scroll up and down for residents' names or input letters of their name (display module must be accompanied, sorting is progressive upon inputting next letter of name).
- Names or call code can be downloaded from PC though USB cable or can be edited from the keyboard.
- Up to 3,000 names can be saved in the memory.

- A public password and up to 6,000 customized passwords are allowed.
- If wrong password is repeatly entered, the keypad will lock.
- 3 to 8 digit passwords.
- 1 to 6 digit calling codes.
- Call guard unit is also available.
- Backlight ensures clear visibilty at night.
- Product dimensions: 2.83 x 3.82 x 1.22 inches.

Catalog number	Description	Pack qty.
M251021K-A	Keypad module, letters A-Z, aluminum	1/10/8
M251021K-W	Keypad module, letters A-Z, white	1/10/8
M251021K-S	Keypad module, letters A-Z, stainless steel finish	1/10/8

Display module with card reader
- Large screen ensures customized message, code, and legible names.
- Withstands up to -40 °F.
- Wiegand output is available for connection to third party devices.

- Available with integrated ID (125 kHz) or IC (13.6 MHz) card reader.
- Up to 3,000 different cards can be registered.
- Audio feedback indicating card reader status.
- Product dimensions: 2.83 x 3.82 x 1.22 inches.

Catalog number	Description	Pack qty.
M251021CR	Display module with ID card reader	1/10/8
M251022CR	Display module with IC card reader	1/10/8

Outdoor stations
Modules

Nameplate module
- Used to hold the address of the building or the resident directory for keypad outdoor station, or simply to fill the module within the cover frame.
- Backlight ensures clear visibility at night.
- Product dimensions: 2.83 x 3.82 x 0.94 inches.

Catalog number	Description	Pack qty.
51021DN	Directory nameplate module	1/10/8

Pushbutton module, one round button
- 1 round pushbutton with even backlight ensures legible nameplate at night.
- Option with built-in NFC and IC (13.56 MHz) card reader available.
- Screwless mounting module compatible with stainless steel and aluminum outdoor station.
- Supporting software ensures high quality nameplate printing.

Catalog number	Description	Pack qty.
51011P1	Pushbutton module, 1 pushbutton	1/10/8
51012P1	Pushbutton module with NFC/IC function, 1 pushbutton	1/10/8

Pushbutton module, two round pushbuttons
- 2 round pushbutton with even backlight ensures legible nameplate at night.
- Option with built-in NFC and IC (13.56 MHz) card reader available.
- Supporting software ensures high quality nameplate printing.

Catalog number	Description	Pack qty.
51011P2	Pushbutton module, 2 pushbuttons	1/10/8
51012P2	Pushbutton module with NFC/IC function, 2 pushbuttons	1/10/8

Outdoor stations
Modules

Pushbutton module, three round pushbuttons
- 3 roundpush button with even backlight ensures legible nameplate at night.
- Option with built-in NFC and IC (13.56 MHz) card reader available.
- Supporting software ensures high quality nameplate printing.

Catalog number	Description	Pack qty.
51011P3	Pushbutton module, 3 pushbuttons	1/10/8
51012P3	Pushbutton module with NFC/IC function, 3 pushbuttons	1/10/8

Camera extension unit
- For integration into custom designed outdoor stations.
- Extends audio integration unit (83110-500) assembly with video function.
- Video camera with automatic day/night switchover and infrared LEDs to illuminate the night shots.
- Anti-fog design to keep lens free from condensation.
- Wide viewing angle: 86° vertical and 67° horizontal.
- Product dimensions: 2.44 x 3.86 x 1.38 inches.

Catalog number	Description	Pack qty.
83501-101-500-01	Camera extension unit	1/10/8

Audio integration unit
- For integration into custom designed outdoor stations.
- Makes audio communication possible.
- Built-in relay for operating the door opener.
- 8 inputs.
- Adjustable volume.
- With interface for the connection of the camera extension unit (83501-101-500).
- Product dimensions: 2.68 x 4.96 x 1.22 inches.

Catalog number	Description	Pack qty.
83110-500-01	Audio integration unit	1/10/8

Outdoor stations

Extension unit
- Extends the built-in audio module assembly by a further 12 binary inputs.
- For integration into other manufacturers' mailboxes and doorbell systems of different manufacturers.
- With interface for the connection of additional built-in keypad extensions.

- The built-in audio module can be extended to a maximum of 99 inputs for doorbell push-switches with the aid of the built-in keypad extension.
- Product dimensions: 2.68 x 1.97 x 0.94 inches.

Catalog number	Description	Pack qty.
83111-500-01	Extension unit	1/10/8

Cover frame, size 1/1
- The invisible screw design with provision of double columns is aesthetically pleasing.
- The tool to remove the end strip is also included in the package.

- Size 1/1: 5.04 x 4.92 x 0.75 inches.

Catalog number	Description	Pack qty.
51021CF-A	Cover frame, 1-module, size 1/1, aluminum	1/10/8
51021CF-W	Cover frame, 1-module, size 1/1, coated white	1/10/8

Cover frame, size 1/2
- The invisible screw design with provision of double columns is aesthetically pleasing.
- The tool to remove the end strip is also included in the package.

- Size 1/2: 7.91 x 4.92 x 0.75 inches.

Catalog number	Description	Pack qty.
51022CF-A	Cover frame, 2-module, size 1/2, aluminum	1/34
51022CF-W	Cover frame, 2-module, size 1/2, coated white	1/34

Cover frame, size 1/3
- The invisible screw design with provision of double columns is aesthetically pleasing.
- The tool to remove the end strip is also included in the package.

- Size 1/3: 10.79 x 4.92 x 0.75 inches.

Catalog number	Description	Pack qty.
51023CF-A	Cover frame, 3-module, size 1/3, aluminum	1/22
51023CF-W	Cover frame, 3-module, size 1/3, coated white	1/22

Outdoor stations

Cover frame, size 1/4
- The invisible screw design with provision of double columns is aesthetically pleasing.
- The tool to remove the end strip is also included in the package.

- Size 1/4: 13.66 x 4.92 x 0.75 inches.

Catalog number	Description	Pack qty.
51024CF-A	Cover frame, 4-module, size 1/4, aluminum	1/22
51024CF-W	Cover frame, 4-module, size 1/4, coated white	1/22

Cover frame, size 1/5
- The invisible screw design with provision of double columns is aesthetically pleasing.
- The tool to remove the end strip is also included in the package.

- Size 1/5: 16.54 x 4.92 x 0.75 inches.

Catalog number	Description	Pack qty.
51028CF-A	Cover frame, 5-module, size 1/5, aluminum	1/22

Cover frame, size 2/3
- The invisible screw design with provision of double columns is aesthetically pleasing.
- The tool to remove the end strip is also included in the package.

- Size 2/3: 10.79 x 9.06 x 0.75 inches.

Catalog number	Description	Pack qty.
51025CF-A	Cover frame, 6-module, size 2/3, aluminum	1/11
51025CF-W	Cover frame, 6-module, size 2/3, coated white	1/11

Cover frame, size 2/4
- The invisible screw design with provision of double columns is aesthetically pleasing.
- The tool to remove the end strip is also included in the package.

- Size 2/3: 13.66 x 9.06 x 0.75 inches.

Catalog number	Description	Pack qty.
51026CF-A	Cover frame, 8-module, size 2/4, aluminum	1/11
51026CF-W	Cover frame, 8-module, size 2/4, coated white	1/11

Outdoor stations

Cover frame, size 2/5
- The invisible screw design with provision of double columns is aesthetically pleasing.
- The tool to remove the end strip is also included in the package.

- Size 2/5: 16.54 x 9.06 x 0.75 inches.

Catalog number	Description	Pack qty.
51029CF-A	Cover frame, 10-module, size 2/5, aluminum	1/11

End strip
- End strip for outdoor station cover frame.

- 2 types available, one for 4.9-inch wide outdoor station (size 1/X, 4.92 x 0.75 x 0.04 inches), the other for 9-inch wide outdoor station (size 2/X, 9.06 x 0.75 x 0.59 inches).

Catalog number	Description	Pack qty.
51021EP-A	End strip, size 1/X, aluminum	1/36
51022EP-A	End strip, size 2/X, aluminum	1/20
51021EP-W	End strip, size 1/X, white	1/36
51022EP-W	End strip, size 2/X, white	1/20

Flush mounted box, size 1/1
- Anodized aluminum flush mounting box.
- Fitted with knockout holes for cabling.

- The product is packed with accessories to ensure quality installation.
- 4.96 x 4.88 x 1.81 inches.

Catalog number	Description	Pack qty.
41021F	Flush-mounted box, 1-module, size 1/1	1/19

Flush mounted box, size 1/2
- Anodized aluminum flush mounting box.
- Fitted with knockout holes for cabling.

- The product is packed with accessories to ensure quality installation.
- 7.83 x 4.88 x 1.81 inches.

Catalog number	Description	Pack qty.
41022F	Flush-mounted box, 2-module, size 1/2	1/19

Outdoor stations

Flush mounted box, size 1/3
- Anodized aluminum flush mounting box.
- Fitted with knockout holes for cabling.

- The product is packed with accessories to ensure quality installation.
- 10.71 x 4.88 x 1.81 inches.

Catalog number	Description	Pack qty.
41023F	Flush-mounted box, 3-module, size 1/3	1/12

Flush mounted box, size 1/4
- Anodized aluminum flush mounting box.
- Fitted with knockout holes for cabling.

- The product is packed with accessories to ensure quality installation.
- 13.58 x 4.88 x 1.81 inches.

Catalog number	Description	Pack qty.
41024F	Flush-mounted box, 4-module, size 1/4	1/12

Flush mounted box, size 1/5
- Anodized aluminum flush mounting box.
- Fitted with knockout holes for cabling.

- The product is packed with accessories to ensure quality installation.
- 16.46 x 4.88 x 1.81 inches

Catalog number	Description	Pack qty.
41028F	Flush-mounted box, 5-module, size 1/5	1/6

Flush mounted box, size 2/3
- Anodized aluminum flush mounting box.
- Fitted with knockout holes for cabling.

- The product is packed with accessories to ensure quality installation.
- 10.71 x 8.98 X 1.85 inches.

Catalog number	Description	Pack qty.
41025F	Flush-mounted box, 6-module, size 2/3	1/6

Outdoor stations

Flush mounted box, size 2/4
- Anodized aluminum flush mounting box.
- Fitted with knockout holes for cabling.

- The product is packed with accessories to ensure quality installation.
- 13.58 x 8.98 x 1.85 inches.

Catalog number	Description	Pack qty.
41026F	Flush-mounted box, 8-module, size 2/4	1/6

Flush mounted box, size 2/5
- Anodized aluminum flush mounting box.
- Fitted with knockout holes for cabling.

- The product is packed with accessories to ensure quality installation.
- 16.46 x 8.98 x 1.85 inches.

Catalog number	Description	Pack qty.
41029F	Flush-mounted box, 10-module, size 2/5	1/6

Cavity wall set
- For cavity and hollow wall mounting of flush-mounted wall boxes.

Catalog number	Description	Pack qty.
51021CS	Cavity wall set for outdoor station and 4.3" video hands-free	1/18

Rain hood, size 1/1
- Anodized aluminum rain hood necessary for surface mounting of outdoor stations. (Requires matching flush mounted box.)

- Size 1/1: 5.04 x 5.16 x 2.76 inches.

Catalog number	Description	Pack qty.
51021RH	Rain hood, 1-module, size 1/1	1/14

Outdoor stations

Rain hood, size 1/2
- Anodized aluminum rain hood necessary for surface mounting of outdoor stations. (Requires matching flush mounted box.)

- Size 1/2: 7.91 x 5.16 x 2.76 inches.

Catalog number	Description	Pack qty.
51022RH	Rain hood, 2-module, size 1/2	1/14

Rain hood, size 1/3
- Anodized aluminum rain hood necessary for surface mounting of outdoor stations. (Requires matching flush mounted box.)

- Size 1/3: 10.79 x 5.16 x 2.76 inches.

Catalog number	Description	Pack qty.
51023RH	Rain hood, 3-module, size 1/3	1/8

Rain hood, size 1/4
- Anodized aluminum rain hood necessary for surface mounting of outdoor stations. (Requires matching flush mounted box.)

- Size 1/4: 13.66 x 5.16 x 2.76 inches.

Catalog number	Description	Pack qty.
51024RH	Rain hood, 4-module, size 1/4	1/8

Rain hood, size 1/5
- Anodized aluminum rain hood necessary for surface mounting of outdoor stations. (Requires matching flush mounted box.)

- Size 1/5: 16.54 x 5.16 x 2.76 inches.

Catalog number	Description	Pack qty.
51028RH	Rain hood, 5-module, size 1/5	1/8

Rain hood, size 2/3
- Anodized aluminum rain hood necessary for surface mounting of outdoor stations. (Requires matching flush mounted box.)

- Size 2/3: 10.79 x 9.33 x 2.76 inches.

Catalog number	Description	Pack qty.
51025RH	Rain hood, 6-module, size 2/3	1/4

Outdoor stations

Rain hood, size 2/4
- Anodized aluminum rain hood necessary for surface mounting of outdoor stations. (Requires matching flush mounted box.)
- Size 2/4: 13.66 x 9.33 x 2.76 inches.

Catalog number	Description	Pack qty.
51026RH	Rain hood, 8-module, size 2/4	1/4

Rain hood, size 2/5
- Anodized aluminum rain hood necessary for surface mounting of outdoor stations. (Requires matching flush mounted box.)
- Size 2/5: 16.54 x 14.88 x 2.76 inches.

Catalog number	Description	Pack qty.
51029RH	Rain hood, 10-module, size 2/5	1/4

Labeling sheet, A4
- Quality Labeling sheet for nameplate.
- Easy to print and cut.
- Waterproof.
- A4 (8.5 x 11 inches) paper size

Catalog number	Description	Pack qty.
51021L	Labeling sheet for nameplate, A4	
51022L	Labeling sheet for 1/3 height, A4	
51023L	Labeling sheet for 1/4 height, A4	
50125L	Labeling A4 sheet for mini outdoor station	

Mounting tool
- Spare part for the outdoor station, stainless steel.

Catalog number	Description	Pack qty.
51021MT	Mounting tool, stainless steel	

Outdoor stations

New proximity key fob
• 7.91 x 5.16 x 2.76 inches.

Catalog number	Description	Pack qty.
51023F-W	New Proximity key fob, ID card, white, 125KHz, MOQ=5	
51023F-B	New Proximity key fob, ID card, black, 125KHz, MOQ=5	
51024F-W	New Proximity key fob, IC card, white, 13.56MHz, MOQ=5	
51024F-B	New Proximity key fob, IC card, black, 13.56MHz, MOQ=5	

Proximity stickers
• 0.98 x 0.98 x 0.02 inches.

Catalog number	Description	Pack qty.
51021S	New ID sticker	
51022S	New IC sticker	

Proximity badges
• 1.57 x 1.22 x 0.20 inches.

Catalog number	Description	Pack qty.
83173-500-01	Proximity badge, IC card	
51021B	Proximity badge, ID card	

Indoor stations

Video Indoor Station 7" Touch
The 7" panel is the new member of ABB-Welcome indoor world. It has touch screen with glass surface material. 7.8 mm thickness after flush mounted makes this new panel more fashion than ever. It can be surface-mounted, flush-mounted, desktop installation to fit all your needs. The new panel has 5 keys to control main video door entry functions: accept the call, door release, programmable button, mute, surveillance. In-build LED shows the missed call. Auto-unlock status, and mute status.
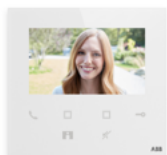
Features
- Display and record the video image from outdoor station or external cameras.
- Different bell sounds are adjustable for door and floor ringing.
- Five different bell sounds are available and also you can play your favorite ringtone from SD card Leave message to family members pr visitors when out of home.
- "Doctor" function for automatic unlock.
- Internal call to other users living in the apartment or neighbors.

Technical Details
- Display feature: 7" capacitive touchscreen.
- Display resolution: 1024x600.
- Installation: surface-mounted, flush-mounted and desktop installation.
- Bus voltage: 20-30 V DC.
- Standby current: 15 mA@24 V DC.
- Operating current: 300 mA@24 V DC.
- Operating temperature: -10 °C-+55 °C; 14 °F-131 °F.
- Single-wire clamps: 2 x 0.28 mm2   2x0.75 mm2.
- Product dimensions: 198.5 x 162.3 x 17 mm.

Catalog number	Description	SKU
M22381-W	Video Indoor Station 7" Touch, white	2TMA220050W0007
M22381-B	Video Indoor Station 7" Touch, black	2TMA220050B0004

Video Indoor Station 4.3, WiFi
New 2-wire video indoor station with integrated WiFi to connect mobile APP without additional system devices. Minimalistic & intuitive user interface makes the operation simply enough. 6 touch buttons are easy for operation and one side button to adjust volume, ringtone, brightness and others. You can also accept the call, open the door lock, make a surveillance, and firmware updating and additional activations from the Welcome APP.

Features
- Intuitive GUI on 4.3" IPS screen (resolution: 480x272).
- Intuitive button layout, separate "call" & "unlock" button, to avoid mis-operation on small size panel.
- Slim thickness with 18mm.
- Surface-mounted installation with one metal bracket.
- Network/WiFi connection & parameters of panel can be configured through Welcome APP folowing wizard design.

- APP pairing process is easy enough to scan QR code for first mobile devices, and click "pair" button for additional mobile devices with same MyBuildings login.
- Up to 8 mobiles devices can be paired with one panel through same MyBuildings account.
- Cyber security and data privacy.
- Remote firmware update through Welcome APP

Catalog number	Description	SKU
M22401-W	Video Indoor Station 4.3, WiFi	2TMA220050W0022
M22403-W	Video Indoor Station 4.3, WiFi, T-loop	2TMA220050W0024

4.3" video hands-free indoor station
- 4.3" color display with on screen display.
- 6 touch film buttons for communication unlocking, mute, programmable button (can be set as intercom, call guard unit, etc.), surveillance and setting.
- 2 photos of the visitor will be automatically stored in the picture memory for door calls during resident's absence.
- Holds up to 50 photos.
- Call transfer among different residences and guard unit is available.

- Doctor function for automatic unlock.
- 5 ringtones for different call sources, i.e. from default outdoor station, secondary outdoor station, doorbell, intercom or guard unit.
- Broadcast by simply holding and pressing the communication button.
- Surface, flush (flush-mounted box 42311F is required), and desktop mounted (desktop bracket 42311D is required).
- The detailed user manual can be downloaded through scanning the QR code on the screen.
- Product dimensions: 5.39 x 6.10 x 0.94 inches.

Catalog number	Description	Pack qty.
M22311-W	4.3" video hands-free indoor station, white	1/28
M22311-B	4.3" video hands-free indoor station, black	1/28
M22311-S	4.3" Video hands-free indoor station, sliver	1/28

Indoor stations

4.3" video hands-free indoor station with induction loop

- Electromagnetic signals will be emitted by a special inductive loop for auditory indication of any incoming calls. Functional for users with hearing aids.
- 4.3" color display with on-screen display.
- 6 touch film buttons for communication, unlocking, mute, programmable button (can be set as intercom, call guard unit, etc.), surveillance and setting.
- 2 photos of a visitor will be automatically stored in memory for door calls during resident's absence.
- Holds up to 50 photos.
- Call transfer among different residences and guard unit is available.

- Doctor function for automatic unlock.
- 5 ringtones for different call sources, i.e. from default outdoor station, secondary outdoor station, door bell, intercom or guard unit.
- Broadcast by simply pressing and holding the communication button.
- Surface, flush (flush-mounted box 42311F is required), and desktop mounted (desktop bracket 42311D is required).
- The detailed user manual can be downloaded through scanning the QR code on the screen.
- Product dimensions: 5.39 x 6.10 x 0.94 inches.

Catalog number	Description	Pack qty.
M22313-W	4.3" video hands-free indoor station, induction loop, white	1/28

4.3" video handset indoor station, color display

- Slim indoor station with handset.
- 4.3" color display with on-screen display.
- 6 touch film buttons for communication, unlocking, mute, programmable button (can be set as intercom, call guard unit, etc.), surveillance and setting.
- 2 photos of a visitor will be automatically stored in memory for door calls during resident's absence.
- Holds up to 25 photos.

- Call transfer among different residences and guard unit is available.
- Doctor function for automatic unlock.
- 5 ringtones for different call sources, i.e. from default outdoor station, secondary outdoor station, door bell, intercom or guard unit.
- Surface and desktop (desktop bracket 42311D is required) mounted.
- The detailed user manual can be downloaded through scanning the QR code on the screen.
- Product dimensions: 5.67 x 7.80 x 1.77 inches.

Catalog number	Description	Pack qty.
M22302-W	4.3" video handset indoor station, color, white	1/15

Indoor stations

4.3" video handset indoor station, color display with induction loop

- Electromagnetic signals will be emitted by a special inductive loop for auditory indication of any incoming calls. Function for users with hearing aids.
- Slim indoor station with handset.
- 4.3" color display with on-screen display.
- 6 touch film buttons for communication, unlocking, mute, programmable button (can be set as intercom, call guard unit, etc.), surveillance and setting.
- 2 photos of a visitor will be automatically stored in the memory for door calls during resident's absence.

- Holds up to 25 photos.
- Call transfer among different residences and guard unit is available.
- Doctor function for automatic unlock.
- 5 ringtones for different call sources, i.e. from default outdoor station, secondary outdoor station, door bell, intercom or guard unit.
- Surface and desktop (desktop bracket 42311D is required) mounted.
- The detailed user manual can be downloaded through scanning the QR code on the screen.
- Product dimensions: 5.67 x 7.80 x 1.77 inches.

Catalog number	Description	Pack qty.
M22303-W	4.3" handset video indoor station with induction loop, color white	1/15

Basic 4.3" video hands-free indoor station

- 4.3" color display with on-screen display.
- 6 touch film buttons for communication unlocking, mute, programmble button (can be set as intercom, call guard unit, etc.), surveillance and setting.
- Holds up to 50 photos.
- 5 ringtones for different call sources, i.e. from default outdoor station, secondary outdoor station, doorbell, intercom or guard unit. The ringtone can be fixed or cycled.

- The detailed user manual can be downloaded through scanning the QR code on the screen.
- Surface and desktop (desktop bracket 42311D is required) mounted.
- Product dimensions: 16.06 X 5.28 X 0.90"

Catalog number	Description	Pack qty.
M22344-W	Basic 4.3" video hands-free indoor station, white	1/24

Audio handset indoor station, 3 buttons

- 1 pushbutton for unlock, and 2 additional programmable buttons for functions such as intercom, door status check, second lock release or call security guard.
- 3-level volume adjuster on the side.
- 2 LEDs to indicate different working status.

- 5 ringtones for different call sources.
- Activating and deactivating of automatic unlock can be achieved or accomplished by simply pressing the unlock button for 10 seconds.
- Surface mounted.
- Product dimensions: 7.80 x 3.19 x 1.69 inches.

Catalog number	Description	Pack qty.
M22002-W	Audio handset indoor station, 3 buttons, white	1/25

Indoor stations

Audio handset indoor station, 3 buttons with induction loop

- 1 pushbutton for unlock, and 2 additional programmable buttons for functions such as intercom door status check, second lock release or call security guard, etc.
- Max-mid-mute volume adjuster on the side.
- 2 LEDs to indicate different working status.
- 5 ringtones for different call sources, i.e. from default outdoor station, secondary outdoor station, doorbell, intercom or guard unit.

- Activating and deactivating of automatic unlock can be achieved or accomplished by simply pressing the unlock button for 10 seconds.
- Electromagnetic signals will be emitted by a special inductive loop to provide hearing assistance to hearing aid users.
- Surface mounted.
- Product dimensions: 7.80 x 3.19 x 1.69 inches.

Catalog number	Description	Pack qty.
M22003-W	Audio handset indoor station, 3 buttons with induction loop, white	1/25

Audio handset indoor station, 6 buttons

- 1 pushbutton for unlock, and 5 additional programmable buttons for functions such as intercom door status check, second lock release or call security guard, etc.
- Max-mid-mute volume adjuster on the side.
- 2 LEDs to indicate different working status.
- 5 ringtones for different call sources, i.e. from default outdoor station, secondary outdoor station, doorbell, intercom or guard unit.

- Activating and deactivating of automatic unlock can be achieved or accomplished by simply pressing the unlock button for 10 seconds.
- Surface mounted.
- Product dimensions: 7.80 x 3.19 x 1.69 inches.

Catalog number	Description	Pack qty.
M22001-W	Audio handset indoor station, 6 buttons, white	1/25

Audio hands-free indoor station, 4 buttons

- Light button can be customized as room-to-room intercom, call guard unit.
- Different bell tones for door-call and floor-call.
- Choice of five different bell sounds.
- Surface mounted.

- The ringtone can be fixed or cycled.
- Floor-call function, a connected button functions as a floor-call button: all indoor stations with the same address trigger a floor call.
- Product dimensions: 6.87 x 3.19 x 0.82 inches.

Catalog number	Description	Pack qty.
83210 AP-624-500-01	Audio hands-free, white	1/26
83210 AP-681-500-01	Audio hands-free, black	1/26
83210 AP-683-500-01	Audio hands-free, silver	1/26

Accessories

Changeable front cover for 4.3" video hands-free indoor station
• For use with 4.3" video hands-free indoor stations.

Catalog number	Description	Pack qty.
52311FC-W	Front cover for 4.3" video hands-free, white	1/36
52311FC-S	Front cover for 4.3" video hands-free, silver	1/36
52311FC-B	Front cover for 4.3" video hands-free, black	1/36
52311FC-G	Front cover for 4.3" video hands-free, golden	1/36
52311FC-L	Front cover for 4.3" video hands-free, light blue	1/36

Changeable front cover for 4.3" video hands-free indoor station with induction loop
• For use with 4.3" video hands-free indoor stations with induction loop.

Catalog number	Description	Pack qty.
52313FC-W	Front cover for 4.3" video hands-free with induction loop, white	1/36
52313FC-S	Front cover for 4.3" video hands-free with induction loop, silver	1/36
52313FC-B	Front cover for 4.3" video hands-free with induction loop, black	1/36
52313FC-G	Front cover for 4.3" video hands-free with induction loop, golden	1/36
52313FC-L	Front cover for 4.3" video hands-free with induction loop, light blue	1/36

Desktop bracket
• Full metal design with brushed finish base.
• Suitable for video indoor stations and guard unit.
• Product dimensions: 4.92 x 4.21 x 5.28 inches.

Catalog number	Description	Pack qty.
42311D	Metal desktop bracket	1/12
42311F	Flush mounted box	1/12

Handset with induction loop
• Replacement handset for audio handset indoor station with induction loop and 4.3" video handset indoor station with induction loop.

Catalog number	Description	Pack qty.
52303HS-W	Handset with induction loop (spare part)	

Cavity wall set
• For cavity wall mounting of the flush-mounted wall boxes.

Catalog number	Description	Pack qty.
51021CS	Cavity wall set for outdoor station and 4.3" video hands-free	1/18

System devices

System controller
- Manages the communication between the outdoor station and the indoor station.
- Two working modes : "all on" and "one on."
- Serves as auxiliary bus power supply when connected to gateway M2302.

- 1 LED for normal working condition indication.
- Overheat, short-circuit and lightning protection.
- Product dimensions: 3.54 x 5.67 x 2.56 inches.

Catalog number	Description	Pack qty.
M2300	System controller, 1.2 A output, MDRC 8U	1/10
M2300-101	System controller, MDRC	1/10

Mini system controller
- Manages the communications between the outdoor station and the indoor station.
- Two working modes: "all on" and "one on."
- Serves as auxiliary bus power supply when connected to gateway in certain mode.

- 1 LED for normal working condition indication.
- Overheat, short-circuit and lightning protection.
- Product dimensions: 3.54 x 2.83 x 2.56 inches.

Catalog number	Description	Pack qty.
M2301	Mini system controller, 0.65 A output, MDRC 4U	1/10
M2301-101	Mini-system controller, MDRC	1/10

Gateway
- Offers 5 different modes which can be set by dip switch: apartment gateway, floor gateway, building gateway, auxiliary bus power supply interface and line amplifier.

- Product dimensions: 3.54 x 2.83 x 2.56 inches.

Catalog number	Description	Pack qty.
M2302	Gateway, MDRC 4U	1/10

Video outdoor distributor
- Integrates input from two video outdoor stations.

- Product dimensions: 3.54 x 1.42 x 2.56 inches.

Catalog number	Description	Pack qty.
83325/2-500-01	Video outdoor distributor, MDRC 2U	1/20

Guard unit
- 4.3" touch screen and 6 touch film buttons ensure communication with calls from outdoor stations, indoor stations or other guard units (if any).
- Can be manually or automatically set to intercept mode to increase security level for all users or only certain individuals.
- Surveillance can be performed through the camera of outdoor stations or integrated analog camera.

- Missed calls and alarm messages stored in memory can be reviewed.
- Can be surface mounted on the wall or desktop mounted (desktop bracket 42311D is needed).
- Product dimensions: 5.67 x 7.80 x 1.77 inches.

Catalog number	Description	Pack qty.
M2303	Guard unit	1/15

System devices

Video distributor
- Compact device supports 4-way outputs connected to different residences or different high-rise buildings.
- Flush-mounted into box or surface mounted through the center hole or DIN rail mounted via DIN adapter (catalog number 53001DR).
- Product dimensions: 1.77 x 1.77 x 1.02 inches.

Catalog number	Description	Pack qty.
M2304	Video distributor, FM	1/18

Switch actuator
- Compact device has 3 working modes: extend door bell, door opener and time relay.
- Local pushbutton can be connected as control input.
- The switching duration of unlock or switching on lighting is adjustable.
- Flush-mounted or DIN rail mounted via DIN adapter (catalog number 53001DR).
- Product dimensions: 2.01 x 2.01 x 1.14 inches.

Catalog number	Description	Pack qty.
M2305	Switch actuator, FM	1/18

BNC connector
- Used to connect the external camera to the camera interface or outdoor station's camera module.
- Mates with standard BNC plug.
- Product dimensions: 1.65 x 0.59 x 0.55 Inches.

Catalog number	Description	Pack qty.
55001BC	BNC connector	10

Camera interface
- Supports up to 4 analog 3rd party cameras for one device.
- Supports camera connection to the existing outdoor station.
- Supports transfer of image from guard unit to an indoor station.
- Supports the integration of additional analog cameras for expanded viewing.
- Supports input and output of video signal of outdoor station to 3rd party VDR during the call, which can be viewed from the video indoor station.
- Supports surface and DIN rail (53001DR required) mounting installations.
- Product dimensions: 3.03 x 2.40 x 0.98 inches.

Catalog number	Description	Pack qty.
83327-500-01	4-way analog camera interface	1/18

DIN rail adapter
- One DIN rail adapter fits: video distributor, switch actuator, and camera interface.
- Adjustable and consistent looking cover can be removed if needed.
- Product dimensions: 3.54 x 2.83 x 2.56 inches.

Catalog number	Description	Pack qty.
53001DR	DIN rail adapter	1/10

System devices

IP Gateway
- Enables smart devices (iOS and Android) integration through ABB Welcome's app.
- Supports both WIFI and remote access under 3G/4G (Standard rates may apply).
- Enables the integration with ABB Comfort touch as indoor station.
- PC interface efficiently programs telephone gateway products.

- Supports to monitoring of multiple cameras with camera interface
- Supports communication with guard and intercom calls
- Supports to switch actuator control
- Supports to control two locks during the call
- Supports to make a SOS call in case of emergency
- Product dimensions: 3.54 X 7.09 X 2.56 inches.

Catalog number	Description	Pack qty.
83342-500-01	IP Gateway	1/24

Telephone gateway
- PSTN Telephone integrated as audio indoor station.
- Unlock the door, switch the light, communication can be done through telephone.

- Allows any mobile device to be set as an extended indoor station.
- Efficient programming through PC when connected to an IP Gateway (83342-500).

Catalog number	Description	Pack qty.
83350-101-500-01	Telephone gateway	1/10

Lift (elevator) control module
- Enhance security by authorizing access for residents and permitted visitors to designated floor(s) and restricting access to unauthorized visitors by disabling any floor button in the elevator.

- Efficient programming through PC by dedicated commissioning software.
- Each module supports up to 16 floors total.
- Up to 16 modules can be cascaded.

Catalog number	Description	Pack qty.
M2307	Lift control relay module	1/30
M2306	M adaptor (two functions: PC adaptor and lift control module)	1/10

2-wire adapter
- Supports integration of PC management software to Welcome®
- The PC management software facilitates centralized management of residents' information such as user names and card information, logs emergency calls and door unlocks, and is used to configure elevator modules. Visit www.abb.com for more information.

- Product dimensions: 3.54 x 7.09 x 2.56 inches.

Catalog number	Description	Pack qty.
M2308	2-wire adapter, MDRC 10U	1/24

—

Notes

Notes

—
ABB Inc.
Electrification Products
860 Ridge Lake Boulevard
Memphis, TN 38120

USA Customer Support: 800-431-7867
7:00 a.m. to 5:00 p.m., CST, Monday - Friday
us-el.distributorsales@abb.com

Technical Support: +1 (877) 226-4822
7:00 a.m. to 5:00 p.m., CST, Monday - Friday
Us-sbs.support@abb.com