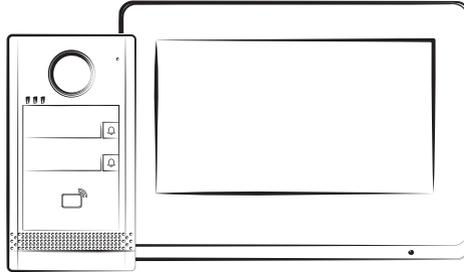


# Video intercom system

## Quick Guide



www.bcs.pl

BCS sp. z o.o. 11 Modułama Street (Hall IV), 02-238 Warsaw  
phone: +48 22 846 25 31, e-mail: info@bcs.pl

Copyright © BCS sp. z o.o.

- 1 -

### LVD/EMC Directive



This product complies with the European Low Voltage Directive 2014/35/EU and EMC Directive 2014/30/EU.

### WEEE Directive-2012/19/EU



The product this manual refers to is covered by the Waste Electrical & Electronic Equipment (WEEE) Directive and must be disposed of in a responsible manner.

### 1. Packing List

Contact your local dealer if the package is damaged or incomplete. The package contents may vary with device model. Only kit contains indoor, outdoor station and switch.

#### 1.1 Indoor station.

No.	Name	Qty
1	Indoor station	1
2	Wall mounting bracket	1
3	Additional equipment package	1
4	Product documentation	1

#### 1.2 Outdoor station

No.	Name	Qty
1	Door station	1
2	Wall mounting bracket	1
3	Additional equipment package	1
4	Product documentation	1
5	SunShield – selected models	1

- 2 -

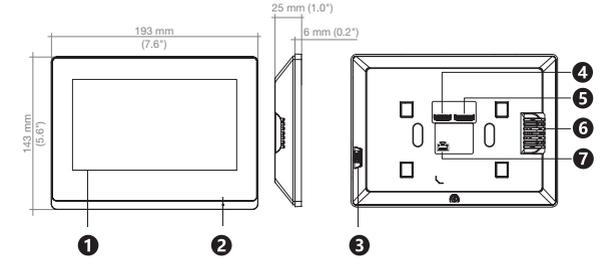
### 1.3 Switch

No.	Name	Qty
1	PoE switch	1
2	Power cable and adapter	1
3	Additional equipment package	1
4	Product documentation	1

### 2. Product overview

The dimensions, structure, and tail cables may vary with device model. The figures are only for illustrative purpose.

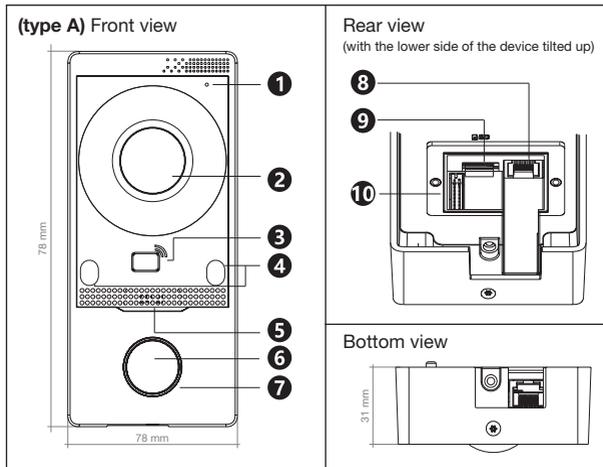
#### 2.1. Indoor station



1. Display screen	2. Microphone
3. SD card slot	4. RS485&alarm output interface
5. Power&zone detector interface	6. Loudspeaker
7. PoE network interface	

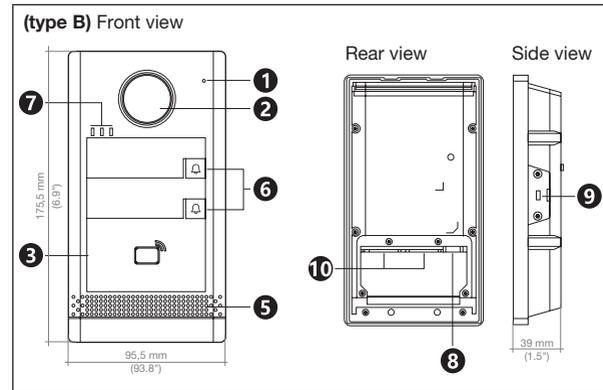
- 3 -

### 2.2.Outdoor station



1. Microphone	2. Camera
3. Card reading area	4. IR illuminator (inside the device)
5. Loudspeaker	6. Button
7. Indicator	
(type A) Steady white – starting up White off – operating normal/ Power not connected	(type B) Steady red – ringing Steady white – in call Steady green – door open
8. Power network interface	9. SD card slot
10. Tail cable interface	

- 4 -

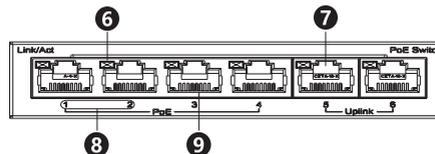


### 2.3.Switch

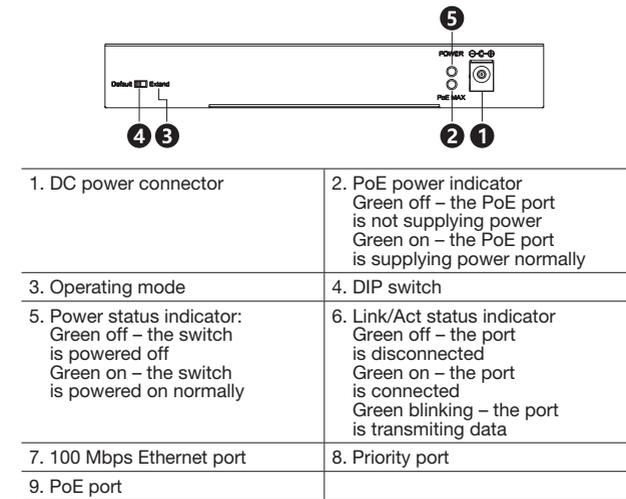
This unmanaged switch requires no configuration and can perform data transmission once cable connection is completed. Operating modes:

- Default mode: When enabled, all ports can communicate with each other.
- Extend mode: When enabled, the data transmission speed of PoE ports is limited to 10Mbps, and the PoE ports are isolated from each other and only able to communicate with uplink ports.

The operating mode is set to Default by default. If there is no special requirement, please do not change it. To change the operating mode, disconnect power, toggle the DIP switch to the desired mode, and then restart the device.



- 5 -



1. DC power connector	2. PoE power indicator Green off – the PoE port is not supplying power Green on – the PoE port is supplying power normally
3. Operating mode	4. DIP switch
5. Power status indicator Green off – the switch is powered off Green on – the switch is powered on normally	6. Link/Act status indicator Green off – the port is disconnected Green on – the port is connected Green blinking – the port is transmitting data
7. 100 Mbps Ethernet port	8. Priority port
9. PoE port	

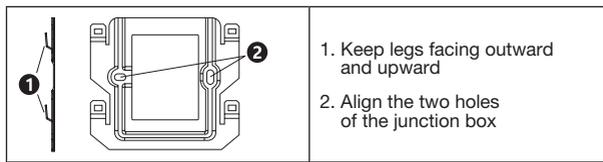
### 3. Installation

The following figures are for reference only. The actual installation method may vary with scenarios. Before installation, plan wiring for power cable, network cable, etc. Before installation, plan the routing of all cables based on the actual network conditions. The following drawings are for illustrative purposes only.

#### 3.1. Installation step – indoor station

1. Determine the position of the 86\*86 mm junction box. Use the existing junction box embedded in the wall or drill a hole to embed one. The two installation holes on the box should be parallel to the ground during installation.

- 6 -



2. Connect the power cable and network cable to the rear panel correctly.
3. Fix the indoor station and bracket: Align the slots on the indoor station with the four legs of the bracket and install the indoor station.

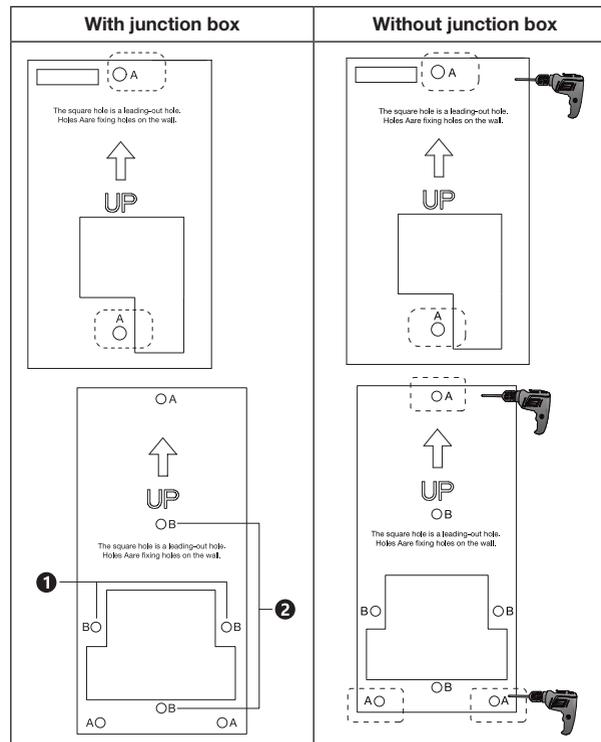
### 3.2. Installation step – outdoor station

#### 3.2.1. Wall Mount

For wall mounting, you can use either a wall bracket or a wall-mounted sunshade, and the installation methods are the same. Below is an example of installation using a wall bracket. For wall mounting, you can optionally use either a wall bracket or a sunshade.

1. Mount the junction box or use the existing junction box embedded in the wall or drill a hole to embed one. The two installation holes on the box should be parallel / vertical to the ground during installation.
2. Align the holes (A) on the drill template with the two installation holes on the junction box. Without junction box paste the drill template on the wall with the arrow perpendicular to the ground.
3. Use a  $\varnothing 6$  mm to  $\varnothing 6.5$  mm drill bit to drill two 30 mm-depth holes. (be careful not to damage cables in the wall).
4. Insert the expansion bolts into the two holes.

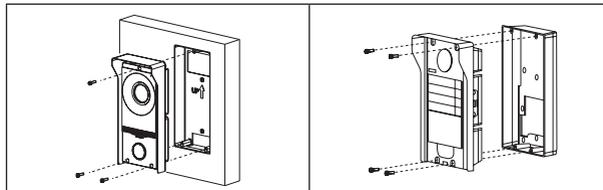
- 7 -



5. (Optional) Install the bracket and sunshade. Keep the two latches on the bracket facing upwards and the screw hole at the bottom of the bracket facing outwards. Then tighten the bracket and sunshade. Tighten the bracket and sunshade.

- 8 -

station using two M3 × 12 mm countersunk screws. Screw the screw back into the bottom of the station and then tighten it.



7. Edit the content of the information plates so that the person dialling the number can identify the caller. To do this, remove the nameplate cover and base from the location marked with an arrow and separate them from each other. Place the completed information plate in the centre of the cover and base, then attach them to the panel.

### 3.3. Switch

#### 1. Operating Environment Requirements

- Install the device in a place with lightning protection measures.
- Allow enough space (more than 10cm) around the vents of the device for heat dissipation.
- The cabinet or workbench has a good ventilation system.
- The cabinet or workbench is firm enough to hold the weight of the device and mount accessories.
- The cabinet or workbench is properly grounded.

#### 2. Mounting device:

- Place the Device on a Workbench – Place the device with the bottom up on a large and stable workbench. Remove the adhesive backed papers from the rubber feet and attach the rubber feet to the recessed areas on the bottom of the device.
- Mount the Device on a Wall – Install two screws (user-supplied) on the wall according to the mounting holes on the bottom of the device. Align the mounting holes of the device with the screws on the wall, and then hang the device on the screws.

- 10 -

## 4. Startup

### 4.1 Indoor station

After the indoor station is installed properly, connect one end of the power adapter (usersupplied or purchased separately) to the power interface and the other end to the mains supply, and then start it up. The display screen lights up, and live video is displayed on the screen when it is started successfully.

### 4.2. Outdoor station

Connect the device to the PoE power source through the network cable; or connect the device to the mains through the power adapter. The device will start when it is connected to power.

### 4.3. Power switch

Connect the power cable. Check that the power indicator is lit. A lit power indicator means that the power supply is connected correctly.

## 5. Web Login

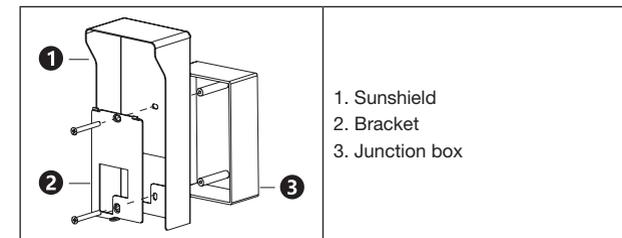
### Indoor station – on the Display Screen

1. Go to Settings > Activation Config > Enter password, the default password (123456).
2. Select Indoor Station on the left, and then complete the network settings. If a DHCP server is deployed in your network, an IP address may be dynamically assigned to the indoor station, and you need to log in with the actual IP address.
3. Tap Apply.

**Indoor station and outdoor station – on the web interface:** Log in to the door station's Web interface to perform management or maintenance operations.

1. Open your Internet Explorer (IE 9 or later), enter the IP address (192.168.1.13 by default) of your indoor station in the address bar and then press Enter to open the login page.
2. Enter the username and password (admin/123456 by default) and then click Login.

- 11 -



6. (Optional) If you wish to save recordings from the camera, install a Micro SD card. To do this, loosen the screw on the card slot cover, insert the card, and then tighten the screw. Do not connect the Micro SD card while the device is in operation, as this may damage the outdoor station or the SD card.
7. Connect the network cable, power cable and other cables to the rear panel correctly, then feed the cables out of the cable groove. Next, attach the rear panel (with the rubber pad facing inwards) to the outdoor station using two M2.5 × 5 mm countersunk screws.
8. Align the holes in the door station with the bracket latches/bracket holes and secure them with four M3 × 12 mm cylinder head screws.

### 3.2.2. Recess Mount

1. Install the flush-mounted box. Drill holes in the wall according to the size and insert the expansion bolts into the holes.
2. Secure the bracket to the wall using two M3.5 × 25 mm self-tapping screws with conical heads, screwing them into the inner holes to secure the bracket to the wall.
3. Loosen the screw at the station's bottom to separate the front shell from the station.
4. (Optional) Insert the sunshield from the rear side of the station.
5. (Optional) Install the Micro SD card. See Step 6 in Wall Mount for details.
6. Connect the network cable, power cable and other cables to the rear panel correctly, then feed the cables out of the cable groove. Next, attach the rear panel (with the rubber pad facing inwards) to the outdoor station using two M2.5 × 5 mm countersunk screws.

- 9 -

## IMPORTANT

- DHCP is enabled by default. If a DHCP server is used in your network, your indoor station may be assigned an IP address, and you need to use the assigned IP address to log in.
- The default password is intended only for your first login. To ensure security, please change the password after your first login. You are strongly recommended to set a strong password of at least nine characters including all three elements: digits, uppercase and lowercase letters and special characters. If the password has been changed, use the new password to log in.
- You may need to install a plug-in at your first login (close all the browsers when the installation starts). Follow the on-screen instructions to complete the installation and then open the browser again.

## Disclaimer and Safety Warnings

### Compliance with regulations

#### FCC Part 15

This equipment has been tested and found to comply with the limits for a digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. Operation of this equipment in a residential area may cause harmful interference, in which case the user will be required to remove the equipment at their own expense.

This product complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- This device may not cause harmful interference
- This device must accept any interference received, including interference that may cause undesired operation

- 12 -