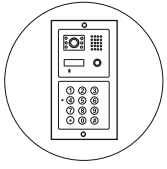
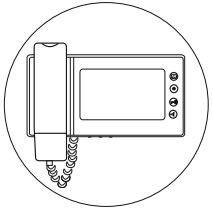
User's manual

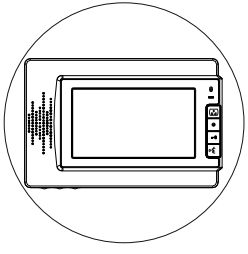
Video door intercom

Vidos

friendly technology







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W20180427

Introduction

Before you start to assemble and use the device, please read this user's manual carefully.
In case of any problems with understanding its contents, please contact your seller of the device.
You can install and commission the device yourself if you have the basic knowledge of electronics and use appropriate tools. It is recommended to install the device by the qualified personnel.
The manufacturer is not liable for damages which may result from your incorrect installation or operation of the device or from making repairs and modifications on your own.

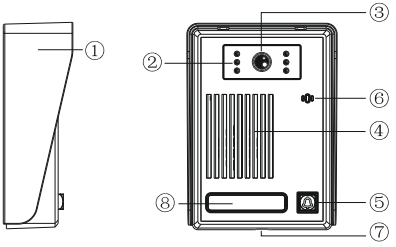
System characteristics

Vidos video intercoms are the top-of-the-range devices which fulfil a whole range of features. They are characterised by a unique design and a variety of expansion options. These systems are designed for both single- and multi-family premises. For the convenience of users, these devices enable the operation of two inputs, you can also connect additional CCTV cameras. Every system can be extended with additional 3 monitors or uniphones to fully meet the needs of any individual user. The preview feature gives you a chance to observe a given area in the view field of your camera at the door station as well as images from any additional CCTV camera provided. Images can be recorded in the monitor's internal memory or on the SD card (included with some selected models).

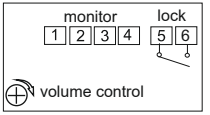
Door stations are made of the highest quality materials. Equipped with cameras with a range of excellent parameters, they are equipped with IR LED backlighting, which also enables to use your video intercom at night. The blue backlit keyboard is not only characterised by a state-of-the-art look, but also provides a good view of its buttons (even in total darkness). Camera lenses can be adjusted horizontally and vertically in terms of their viewing angle. This makes it possible to adapt our station to your individual needs. All monitors in our offer cooperate with all door stations. The M900 Series is an exception here - you extend its with monitors from the same series.

Door station specifications

S35

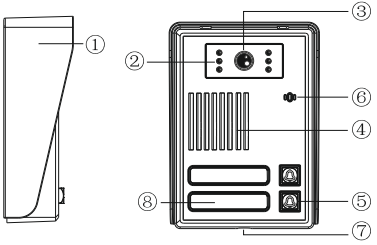


Dimensions: 95x132x44 mm



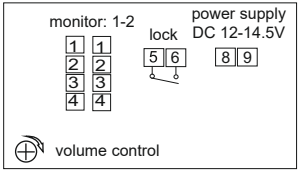
1: audio - red
2: ground - blue
3: power supply to the camera from the monitor - yellow
4: video - white
5: lock
6: lock

S36



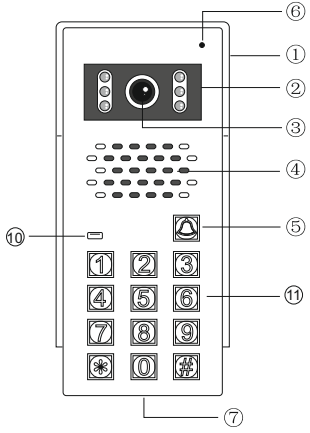
Dimensions: 95x132x43 mm

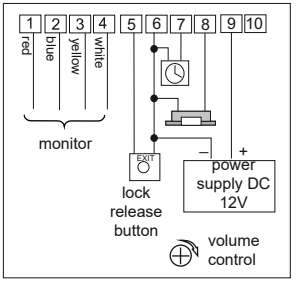
Attention!
Take off the J3 jumper
at all the monitors and uniphones



1: audio - red
2: ground - blue
3: power supply to the camera from the monitor - yellow
4: video - white
5: lock
6: lock
8: power supply DC 12-14.5V (+) red
9: power supply DC 12-14.5V (-) black

S50D

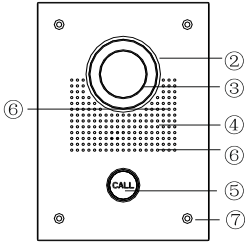


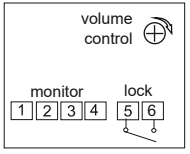


Dimensions: 75x182x60 mm

1: audio - red
2: ground - blue
3: power supply to the camera from the monitor - yellow
4: video - white
5: additional lock release button
6: power supply DC 12-14.5V (-) / lock (-) / lock release
7: setting the access time for the user 10-20 and 36-40
8: lock (+)
9: power supply DC 12-14.5V (+)
10: do not connect

S551

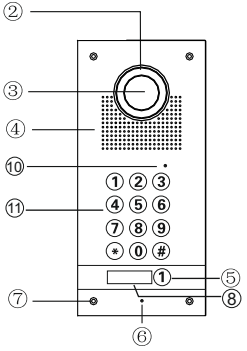


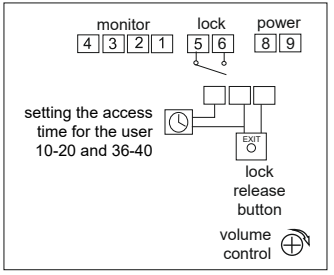


Dimensions: 150x203x55 mm
Dimensions (box): 130x183x50 mm

1: audio - red
2: ground - blue
3: power supply to the camera from the monitor - yellow
4: video - white
5: lock - black
6: lock - black

S561D

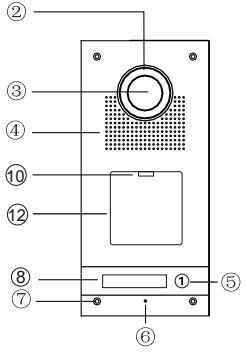


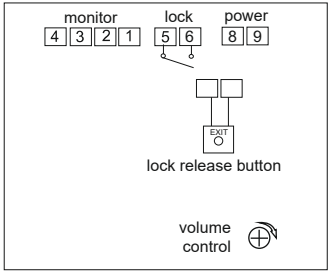


Dimensions: 120x250x51 mm
Dimensions (box): 110x240x46 mm

1: audio - red
2: ground - blue
3: power supply to the camera from the monitor - yellow
4: video - white
5: lock
6: lock
8: power supply DC 12-14.5V (+) red
9: power supply DC 12-14.5V (-) black

S561A

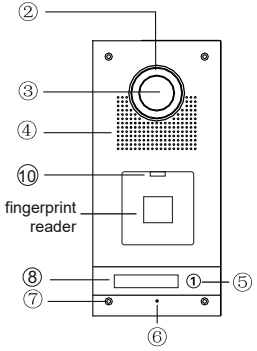




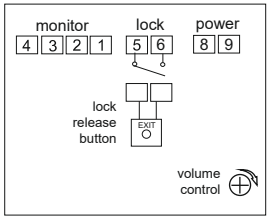
Dimensions: 120x250x51 mm
Dimensions (box): 110x240x46 mm

1: audio - red
2: ground - blue
3: power supply to the camera from the monitor - yellow
4: video - white
5: lock
6: lock
8: power supply DC 12-14.5V (+) red
9: power supply DC 12-14.5V (-) black

S561Z

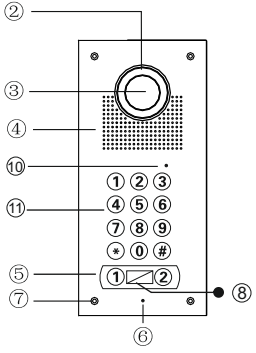


Dimensions: 120x250x51 mm
Dimensions (box): 110x240x46 mm



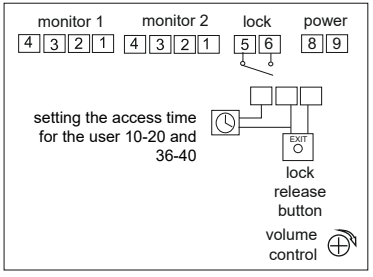
1: audio - red
2: ground - blue
3: power supply to the camera from the monitor - yellow
4: video - white
5: lock
6: lock
8: power supply DC 12-14.5V (+) red
9: power supply DC 12-14.5V (-) black

S562D



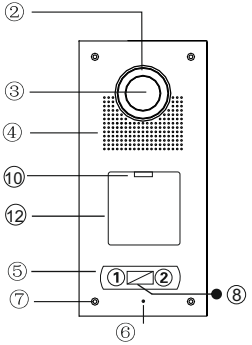
Dimensions: 120x250x51 mm
Dimensions (box): 110x240x46 mm

Attention!
Take off the J3 jumper
at all the monitors and uniphones



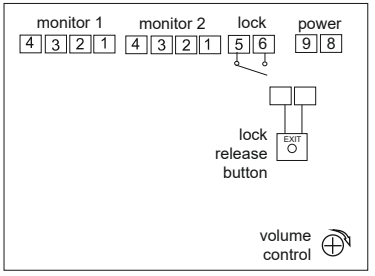
1: audio - red
2: ground - blue
3: power supply to the camera from the monitor - yellow
4: video - white
5: lock
6: lock
8: power supply DC 12-14.5V (+) red
9: power supply DC 12-14.5V (-) black

S562A



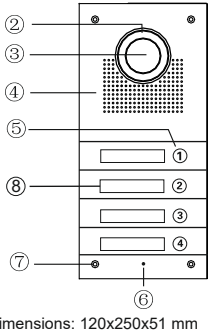
Dimensions: 120x250x51 mm
Dimensions (box): 110x240x46 mm

Attention!
Take off the J3 jumper
at all the monitors and uniphones



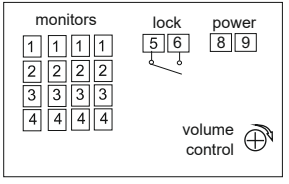
1: audio - red
2: ground - blue
3: power supply to the camera from the monitor - yellow
4: video - white
5: lock
6: lock
8: power supply DC 12-14.5V (+) red
9: power supply DC 12-14.5V (-) black

S563 / S564



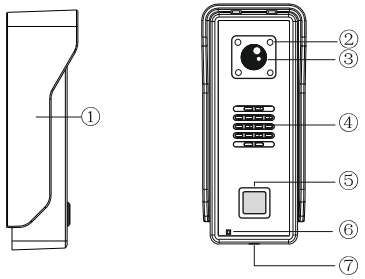
Dimensions: 120x250x51 mm
Dimensions (box): 110x240x46 mm

Attention!
Take off the J3 jumper
at all the monitors and uniphones

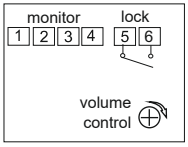


1: audio - red
2: ground - blue
3: power supply to the camera from the monitor - yellow
4: video - white
5: lock
6: lock
8: power supply DC 12-14.5V (+) red
9: power supply DC 12-14.5V (-) black

S6

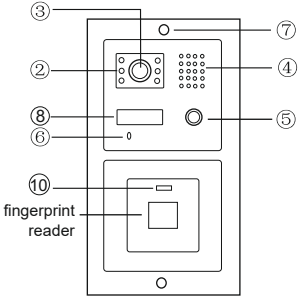


Dimensions: 55x135x39 mm

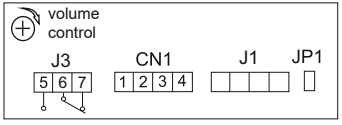


1: audio - red
2: ground - blue
3: power supply to the camera from the monitor - yellow
4: video - white
5: lock - black
6: lock - black

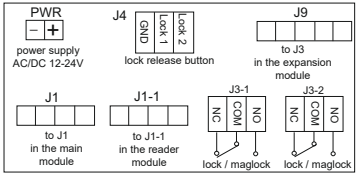
S601Z-2



Dimensions: 100x195x38 mm
Dimensions (box): 96x190x50 mm

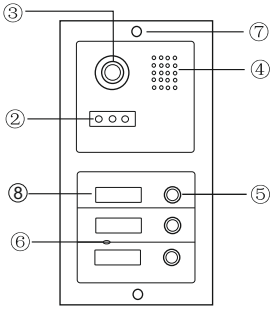


J3: output to the lock or jumpers controlled from the monitor only (5-NO; 6-COM; 7-NC)
CN1: monitor
1. audio - red
2. ground - blue
3. power to the camera from the monitor - yellow
4. video - white
J1: to J1 in the encoder / reader module
JP1: the jumper should be taken off



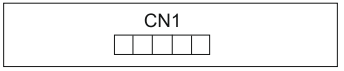
PWR: power supply DC 12-14.5V
+: red -: black
J4: additional lock release button
J9: to J3 in the expansion module
J1: to J1 in the main module
J1-1: to J1-1 in the reader module
J3-1: lock or maglock - zone 1
J3-2: lock or maglock - zone 2

S602 / S603

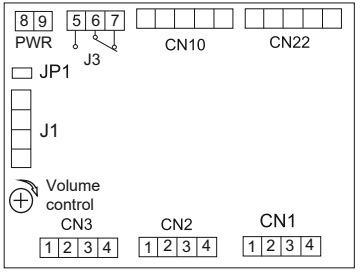


Dimensions: 100x195x38 mm
Dimensions (box): 96x190x50 mm

Attention!
Take off the J3 at all the monitors and uniphones

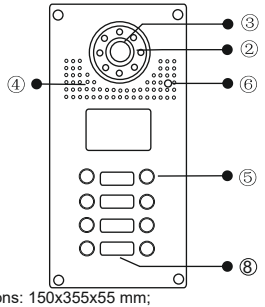


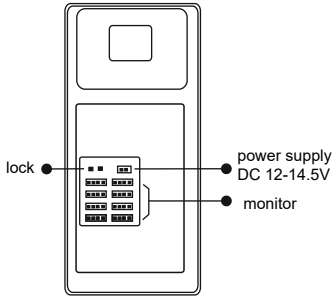
CN1: to CN10 in the main module



PWR: power supply DC 12-14.5V
8. (+) red
9. (-) black
J3: lock or maglock (5-NO; 6-COM; 7-NC)
CN10: to the camera module
CN22: to the next module with the call buttons
JP1: take off the jumper only when connecting the encoding lock or the card reader
J1: to J1 in the encoder / reader module
CN1-CN3: monitors
1. audio - red
2. ground - blue
3. power supply to the camera from the monitor - yellow
4. video - white

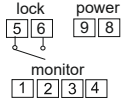
S556 / S558





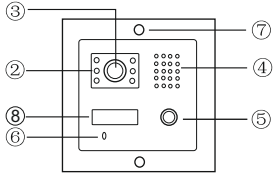
Dimensions: 150x355x55 mm;
Dimensions (box): 130x335x50 mm

1: audio - red
2: ground - blue
3: power supply to the camera from the monitor - yellow
4: video - white
5: lock
6: lock
8: power supply DC 12-14.5V (+) red
9: power supply DC 12-14.5V (-) black

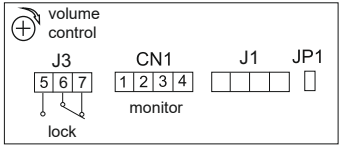


Attention! Take off the J3 at all the monitors and uniphones

S601



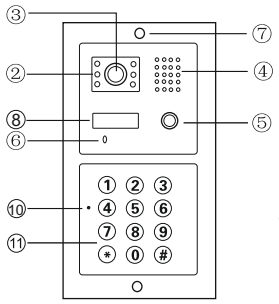
Dimensions: 100x110x38 mm
Dimensions (box): 96x105x50 mm



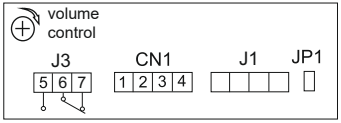
CN1: monitor
1. audio - red
2. ground - blue
3. power to the camera from the monitor - yellow
4. video - white

J3: lock or maglock (5-NO; 6-COM; 7-NC)
J1: to the encoder / reader module
JP1: take off the jumper only when connecting the encoding lock or the card reader

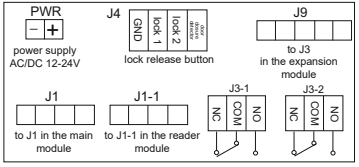
S601D-2



PWR: power supply DC 12-14.5V
+: red -: black
J4: additional lock release button
J9: to J3 in the expansion module
J1: to J1 in the main module
J1-1: to J1-1 in the reader module
J3-1: lock or maglock - zone 1
J3-2: lock or maglock - zone 2

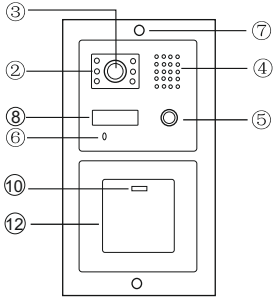


J3: output to the lock or jumpers controlled from the monitor only (5-NO; 6-COM; 7-NC)
CN1: monitor 1. audio - red
2. ground - blue
3. power supply to the camera from the monitor - yellow
4. video - white
J1: to J1 in the encoder / reader module
JP1: the jumper should be taken off

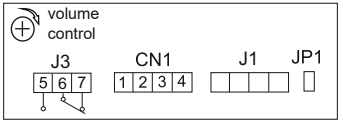


Dimensions: 100x195x38 mm
Dimensions (box): 96x190x50 mm

S601A-2

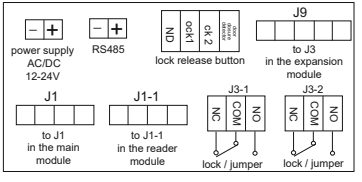


PWR: power supply DC 12-14.5V
+: red -: black
J5: RS485
J4: additional lock release button
J9: to J3 in the expansion module
J1: to J1 in the main module
J1-1: to J1-1 in the reader module
J3-1: lock or maglock - zone 1
J3-2: lock or maglock - zone 2



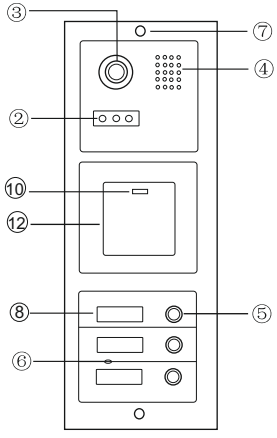
J3: output to the lock or maglock controlled from the monitor only (5-NO; 6-COM; 7-NC)
CN1: monitor
1. audio - red
2. ground - blue
3. power supply to the camera from the monitor - yellow
4. video - white

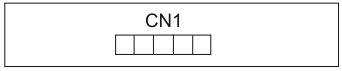
J1: to J1 in the encoder / reader module



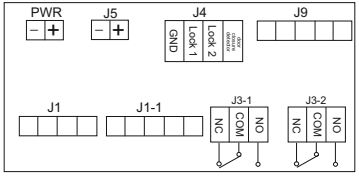
Dimensions: 100x195x38 mm
Dimensions (box): 96x190x50 mm

S603A-2





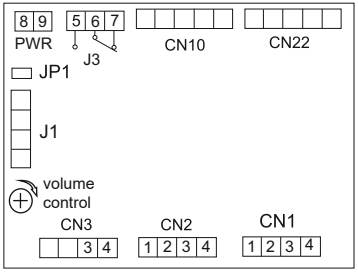
CN1: to CN10 in the main module



PWR: power supply DC 12-14.5V
+: red -: black
J5: RS485
J4: additional lock release button
J9: to J3 in the expansion module
J1: to J1 in the main module
J1-1: to J1-1 in the reader module
J3-1: lock or maglock - zone 1
J3-2: lock or maglock - zone 2

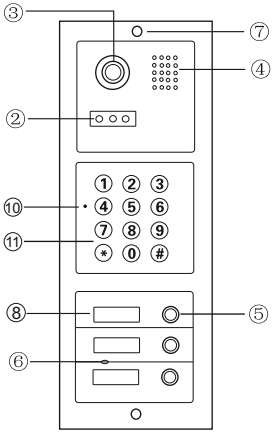
Dimensions: 100x280x38 mm
Dimensions (box): 96x275x50 mm

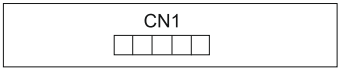
Attention!
Take off the J3 at all the monitors and uniphones



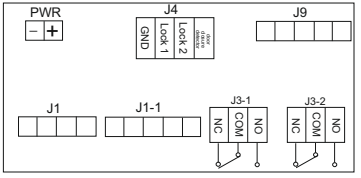
PWR: power supply DC 12-14.5V
8. (+) red
9. (-) black
J3: output to the lock or maglock controlled from the monitor only (5-NO; 6-COM; 7-NC)
CN10: to the camera module
CN22: to the next module with the call buttons
JP1: the jumper should be taken off
J1: to J1 in the encoder / reader module
CN1-CN3: monitors
1. audio - red
2. ground - blue
3. power supply to the camera from the monitor - yellow
4. video - white

S603D-2





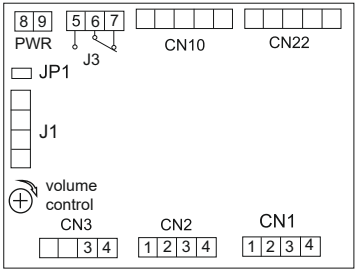
CN1: to CN10 in the main module



PWR: power supply DC 12-14.5V
+: red -: black
J4: additional lock release button
J9: to J3 in the expansion module
J1: to J1 in the main module
J1-1: to J1-1 in the reader module
J3-1: lock or maglock - zone 1
J3-2: lock or maglock - zone 2

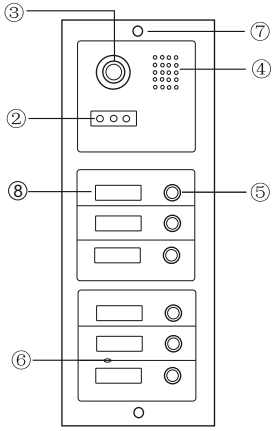
Dimensions: 100x280x38 mm
Dimensions (box): 96x275x50 mm

Attention!
Take off the J3 at all the monitors and uniphones



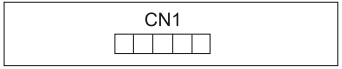
PWR: power supply DC 12-14.5V
8. (+) red
9. (-) black
J3: output to the lock or maglock controlled from the monitor only (5-NO; 6-COM; 7-NC)
CN10: to the camera module
CN22: to the next module with the call buttons
JP1: the jumper should be taken off
J1: to J1 in the encoder / reader module
CN1-CN3: monitors
1. audio - red
2. ground - blue
3. power supply to the camera from the monitor - yellow
4. video - white

S606

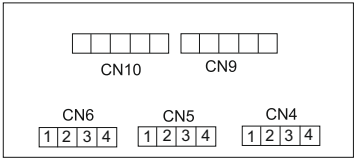


Dimensions: 100x280x38 mm
Dimensions (box): 96x275x50 mm

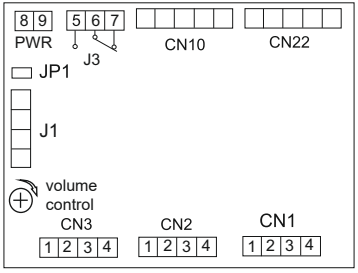
Attention!
Take off the J3 at all the monitors and uniphones



CN1: to CN10 in the main module



Cn10: to the next module with the call buttons
CN9: to CN22 in the main module
CN4 - CN6: monitors
1. audio - red
2. ground - blue
3. power supply to the camera from the monitor - yellow
4. video - white



PWR: power supply DC 12-14.5V
8. (+) red
9. (-) black
J3: lock or maglock (5-NO; 6-COM; 7-NC)
CN10: to the camera module
CN22: to the next module with the call buttons
JP1: take off the jumper only when connecting the encoding lock or the card reader
J1: to J1 in the encoder / reader module
CN1-CN3: monitors
1. audio - red
2. ground - blue
3. power supply to the camera from the monitor - yellow
4. video - white

No.	CAMERA ELEMENT
①	Cover
②	LED
③	Camera
④	Speaker
⑤	Call button
⑥	Microphone
⑦	Camera-mounting screw
⑧	Signboard for your (tenant's) name / surname
⑨	Cable culverts
⑩	Signalling LED to indicate the encoder status
⑪	Keyboard
⑫	Card reader

TECHNICAL DATA	
Power supply	DC 12V from the monitor
Power consumption	1.5W when in operation
Camera viewing angle	Approx. 70°
Transducer	1/3
Minimum lighting	0.05 Lux
Operational temperature range	- 25°C~+55°C
IP	55
Backlight	LED

Programming Door Station with S601A-2 / S603A-2 RFID Reader

The RFID reader in the 600 series panels supports 2 zones. The maximum number of users: 1000 (Zone I); 10 (Zone II).

PROGRAMMING REQUIRES THE PL12 REMOTE CONTROLLER. IT ENABLES TO FULLY EDIT ALL THE FEATURES AVAILABLE ON YOUR DEVICE. THE REMOTE CONTROLLER IS INCLUDED.

Administrator code
The factory default administrator code is set to 1234.
Remember to change this code to your own one.

1. Entering the programming mode (Point the PL12 remote controller at the LED)

→ Insert the administrator code 1 2 3 4 twice (the LED lights up yellow).
You are in the administrator mode.
If no action is taken, the device will automatically exit the programming mode after 30 seconds.

2. Setting the administrator code length

With the reader you can set your code length (from 2 to 6 digits). To change the code length:

→ Enter the programming mode using the PL12 remote controller.
→ Select * **9** (the LED flashes yellow).
→ Select **04** - you will hear a long beep (the LED flashes yellow).
→ Insert a number from 2 to 6 to specify the administrator code length (e.g. when you enter 2 it will specify the code length at two digits and will enable to set the five-digit code in the range of 00000 - 99999).
→ A long beep confirms that the code length has been changed correctly.
→ If the entered code length is the same as the one previously saved in the device, you will hear 3 short beeps. Select a different code length.
→ To exit the programming mode, select # (the LED lights up green).

After changing the code length, all the programmed user cards will be deleted.

3. Changing the administrator code
→ Enter the administrator mode.
→ Select * **3**, the yellow LED flashes.
→ Insert the new administrator code *twice* (the new code length must be the same as the previous one).
→ A long beep confirms that the change has been made correctly.
→ # to exit the programming mode, the LED lights up green.

4. Adding a new user for Zone I
→ Enter the programming mode, the LED flashes yellow.

→ Insert a user number (from 000 to 999) and the LED lights up green (if it is red, the number is already occupied, press * * to return and add a user with a different number).
→ Bring the card / pendant close to the reader, two beeps (short and long) confirm the the card has been added.
→ # to exit the programming mode.

5. Adding a new user for Zone II
- Enter the programming mode and select * **4**.
- Insert a two-digit user number (00 to 09), the LED flashes yellow (if it is red, the number is already occupied, press * * to return and enter a different number).
- Bring the card / pendant to the reader, two beeps (short and long) confirm the the card has been added correctly.
- # to exit the programming mode.

6. Deleting a Zone-I user
- Enter the programming mode.
- Insert a number of the user to be deleted (from 000 to 999).
- The lighting-up red LED indicates that there is a user programmed for this number and you can delete it.
- Select * * to delete the card assigned to this user.
- # to return to the standby mode.

7. Deleting a Zone-II user
- Enter the programming mode and select * **4**.
- Insert a number of the user to be deleted (from 00 to 09).
  The lighting-up red LED indicates that there is a user programmed for this number.
- Select * * to delete the card assigned to this user.
- # to return to the standby mode.

8. Entry opening time

IMPORTANT INFORMATION: Setting the time to 00 results in entering the bi-stable mode. If the card / pendant is brought closer to the reader, the relay is switched on until the card is brought closer again. It makes it possible, for example, to open the door for working hours. At the end of work, the card / pendant is inserted again into the reader and the relay is switched off. A suitable electric striker should be used which allows for such a long operation, most of them have a permissible continuous operation time of approx. 30 min.

To set the opening time for Zone I (point the PL12 remote controller at the LED)

- Enter the programming mode and select * **1**, the LED flashes yellow.
- Insert a number from 00 - 99 denoting the opening time in seconds (by selecting 00 you set the bi-stable operating mode. See the footnote on Page 16).
- After inserting the time, you will hear a long beep and the LED will light up yellow.

- [#] to exit the programming mode.

To set the opening time for Zone II

- Enter the programming mode and select [*] **5**, the LED flashes yellow.
- Insert a number from 00 - 99 denoting the opening time in seconds (by selecting 00 you set the bi-stable operating mode. See the footnote on Page 16).
- After inserting the time, you will hear a long beep and the LED will light up yellow.
- [#] to exit the programming mode.

9. Restoring the administrator code when forgotten

- Turn the power supply off.

Turn the power on while holding [#]. A long beep means that the password has been correctly reset to the factory settings [1][2][3][4].

If the password length is changed to 2 digits, after restoration it will be [1][2]; when to 3 digits - [1][2][3]. INSERT YOUR PASSWORD TWICE.

10. Deleting all the user cards

- Enter the programming mode and select [*] **8**, the LED flashes yellow.
- Insert 88, you will hear a long beep and the LED lights up yellow.

The card memory has been cleared.

11. Restoring the factory settings

- Enter the programming mode and select [*] **8**, the LED flashes yellow.
- Insert 99, you will hear a long beep. The LED lights up yellow.
  The factory settings have been restored.
- [#] to return to the standby mode.

IMPORTANT INFORMATION ⚠

- The device - through the LED - indicates that the entrance is open.
  Zone I is open - the LED lights up **green**.
  Zone II is open - the LED lights up **red**.

- **The door closure sensor** will operate if the user makes use of the entrance for a shorter period of time than the time required for the lock to operate. When the entrance is closed, the sensor automatically cuts off the power supply to its electric lock. (the feature available for Zone I only)

- If you enter an incorrect command, you will hear 2 short beeps.
  The device will automatically return to the standby after 30 seconds.

- If you enter an incorrect password 5 times, the reader will be locked for 60 seconds. At this time, the keyboard will be inactive.

Programming of Door Station with S601D-2 / S603D-2 Encoding Lock

The encoding lock in the 600 series panels supports 2 zones. The maximum number of users: 1000 (Zone I); 10 (Zone II). Zone II can be programmed to provide the ringtone feature.

IMPORTANT INFORMATION!
The administrator and user codes must not be the same!
The codes for Zone I must be different from the ones for Zone II.

Administrator code
The factory default administrator code is set to 1234.
Remember to change this code to your own one.

1. Entering the programming mode

- Insert the administrator code [1][2][3][4] twice (the LED lights up yellow).
  You are in the administrator mode.
  If no operation is performed, the encoder will automatically exit the programming mode after 30 seconds.

2. Setting the administrator code and the entry code lengths

IMPORTANT INFORMATION: The administrator code length determines the entry code length. If the 4-digit administrator code is set, the entry code must consist of the same number of digits.

With the encoder you can set the code length (from 2 to 6 digits). To change the code length:

- Enter the programming mode.
- Select [*] **9** (the LED flashes yellow).
- Select **04** - you will hear a long beep (the LED flashes yellow).
- Insert a number from 2 to 6 to specify the administrator code and the entry code lengths (e.g., when you enter 2 it will specify the code length at two digits and will enable to program the code in the range of 00000 - 99999). Selecting 5 enables to set a five-digit code between 00000 and 99999.
- If you perform the above steps correctly, you will hear 1 long beep, 6 short ones and again 1 long one (the LED lights up yellow).
- If the entered code length is the same as the one previously saved in the device, you will hear 3 short beeps. Select a different code length.
- To exit the programming mode, select [#] (the LED lights up green).

⚠ **After changing the code length, all the previously saved user entry codes will be deleted.**

3. Adding a new user for Zone I

- Enter the programming mode, the LED flashes yellow.
- Insert a user number (from 000 to 999) and the LED lights up green (if it is red, the number is already occupied, press * * to return and add a user with a different number).
- Insert the selected entry code, a long beep means that the code has been added correctly.
- # to exit the programming mode.

IMPORTANT INFORMATION: The individual entry code length must correspond to the administrator code length.

4. Deleting a Zone-I user

- Enter the programming mode.
- Insert a number of the user to be deleted (from 000 to 999).
- The lighting-up red LED indicates that there is a user programmed for this number.
- Select * * to delete this user.

5. Adding a new user for Zone II

- Enter the programming mode and select * **4**.
- Insert a two-digit user number (00 to 09), the LED flashes yellow (if it is red, the number is already occupied, press * * to return and insert a different number).
- Insert the selected entry code, a long beep means that the code has been added correctly.
- # to exit the programming mode.

IMPORTANT INFORMATION: The entry code length for Zone II must correspond to the administrator code length and must be different from the one for Zone I.

6. Deleting a Zone-II user

- Enter the programming mode and select * **4**.
- Insert a number of the user to be deleted (from 00 to 09).
- The lighting-up red LED indicates that there is a user programmed for this number.
- Select * * to delete this user.

7. Entry opening time

IMPORTANT INFORMATION: Setting the time to 00 results in entering the bi-stable mode. Entering the code results in switching on the relay until the code is entered again. It enables e.g. opening the entry for working hours. At the end of work we insert the code again and the relay is switched off (a suitable electric striker should be applied which allows for a long operation, most of them have a permissible continuous operation time of approx. 30 min.)

To set the opening time for Zone I

- Enter the programming mode and select * **1**, the LED flashes yellow.
- Insert a number from 00 - 99 for the opening time in seconds (by selecting 00 you set the bi-stable mode of operation of the encoder. (the footnote on Page 16).
- After inserting the time, you will hear a long beep and the LED will light up yellow.
- # to exit the programming mode.

To set the opening time for Zone II

- Enter the programming mode and select * 5, the LED flashes yellow.
- Insert a number from 00 - 99 for the opening time in seconds (by selecting 00 you set the bi-stable mode of operation of the encoder. (the footnote on Page 16).
- After inserting the time, you will hear a long beep and the LED will light up yellow.
- # to exit the programming mode.

8. Ringtone feature

If the ringtone feature is activated, Zone-II users are deactivated. When the ring tone feature is deactivated, Zone II with its settings is activated. Ringing is done through *.

To activate the ringtone feature

- Enter the programming mode.
- Select * **2**, the LED flashes yellow.
- Select **02**, you will hear a long beep and the LED lights up yellow.
- # to exit the programming mode, the LED lights up green.

To disactivate the ringtone feature

- Enter the programming mode.
- Select * 2, the LED flashes yellow.
- Select **01**, you will hear a long beep and the LED lights up yellow.
- # to exit the programming mode, the LED lights up green.

9. Changing the administrator code

- Enter the administrator mode.
- Select * **3**, the yellow LED flashes.
- Insert the new administrator code *twice* (the new code length must be the same as the previous one).
  A long beep confirms that the change has been made correctly.
- # to exit the programming mode, the LED lights up green.

10. Restoring the administrator code when forgotten

- Turn off the power supply for 10 seconds.
  Press # and - while holding the power button - turn the power on. A long beep means that the password has been correctly reset to the factory settings 1 2 3 4.

If the password length is changed to 2 digits, after restoration it will be 1 2; when to 3 digits - 1 2 3. INSERT YOUR PASSWORD TWICE.

Deleting all the users

- Enter the programming mode and select * **8**, the LED flashes yellow.
- Insert 88, you will hear a long beep. The LED lights up yellow.
  The memory has been cleared.

Restoring the factory settings

- Enter the programming mode and select * **8**, the LED flashes yellow.
- Insert 99, you will hear a long beep. The LED lights up yellow.
  The factory settings have been reset.
- # to return to the standby mode.

IMPORTANT INFORMATION ⚠

- The device - through the LED - indicates that the entrance is open.
  Zone I is open - the LED lights up **green**.
  Zone II is open - the LED lights up **red**.

- The **door closure sensor** will operate if the user makes use of the entrance for a shorter period of time than the time required for the lock to operate. When the entrance is closed, the sensor automatically cuts off the power supply to its electric lock.
  (the feature available for Zone I only)

- If you enter an incorrect command, you will hear 2 short beeps.
  The device will automatically return to the standby after 30 seconds.

- If you enter an incorrect password 5 times, the reader will be locked for 60 seconds. During this time the features will be inactive.

Programming Door Station with S601Z-2 Fingerprint Reader

The biometric reader in the S601Z panel supports 2 zones. The maximum number of fingerprints 800 (Zone I); 100 (Zone II).

THE PL12 REMOTE CONTOLLER REQUIRED TO ADD USERS AND EDIT ALL THE FEATURES IS INCLUDED WITH THE DEVICE.

Administrator code
The factory default administrator code is set to. 1 2 3 4.
Remember to change this code to your own one.

1. Entering the programming mode (Point the PL12 remote controller at the LED)

- Insert the administrator code 1 2 3 4 twice (the LED lights up yellow).
  You are in the administrator mode.
  If no action is taken, the device will automatically exit the programming mode after 30 seconds.

2. Changing the administrator code

- Enter the administrator mode.
- Select * **3**, the yellow LED flashes.
- Insert the new administrator code (4 digits) *twice*.
- A long beep confirms that the change has been made correctly.

to exit the programming mode.

3. Adding a new user for Zone I

- Enter the programming mode, the LED flashes yellow.
- Insert a user number **(from 000 to 799)** and the LED lights up green (if it lights up red, this means that a user with this number is already added, press * * to return and select a different number.
- Place your finger on the scanner and you will hear 1 and then 2 beeps, which means you have added the user correctly.

  If you hear 3 short beeps after scanning - the scanning has failed (try again). 4 short beeps means that the fingerprint has already been saved in the memory.
- # to exit the programming mode.

4. Adding a new user for Zone II

- Enter the programming mode, the LED flashes yellow.
- Insert a user number **(from 800 to 899)** and the LED lights up green (if it lights up red, this means that a user with this number is already added, press * * to return and select a different number.
- Place your finger on the scanner and you will hear 1 and then 2 beeps, which means you have added the user correctly.

  If you hear 3 short beeps after scanning - the scanning has failed (try again). 4 short beeps means that the fingerprint has already been saved in the memory.

- [#] to exit the programming mode.

5. Deleting user(s)
- Enter the programming mode.
- Insert a number of the user to be deleted (from 000 to 899).
- Select [*] [*] to delete the saved user's fingerprint (the LED lights up green).

6. Deleting all the users
- Enter the programming mode and select [*] **8**, the LED flashes yellow.
- Insert 88, you will hear a long beep, the fingerprint memory has been cleared.

7. Setting the opening time

To set the opening time for Zone I (point the PL12 remote controller at the LED)
- Enter the programming mode and select [*] **1**, the LED flashes yellow.
- Insert a number from 00 - 99 denoting the opening time in seconds.
- After inserting the time, you will hear a long beep and the LED will light up yellow.
- [#] to exit the programming mode.

To set the opening time for Zone II
- Enter the programming mode and select [*] **6**, the LED flashes yellow.
- Insert a number from 00 - 99 denoting the opening time in seconds.
- After inserting the time, you will hear a long beep and the LED will light up yellow.
- [#] to exit the programming mode.

8. Scanner sensitivity level

You can set the sensitivity of your scanner to determine the accuracy of user's fingerprint scanning. Increasing the sensitivity extends the scanning time.
The factory sensitivity level is **3** (the 1-5 scale).

To change the security level
- Enter the programming mode and select [*] **5**.
- Insert a number from the range of 1-5 corresponding to the required security sensitivity level (1 is the lowest, 5 is the highest scanning accuracy).
- A long beep confirms that the change has been made correctly.
- [#] to exit the programming mode.

9. Restoring the factory settings
- Enter the programming mode and select [*] **8**, the LED flashes yellow.
- Insert 88, you will hear a long beep, the fingerprint memory has been cleared.

IMPORTANT INFORMATION
The device - through the LED - indicates that the entrance is open.
Zone I is open - the LED lights up **green**.
Zone II is open - the LED lights up **yellow**.

Programming of Door Station with S50 / S561D / 562D Encoding Lock

1. Programming of the user access code
1) press [*], you will hear 2 short beeps
2) enter the administrator code ([1][2][3][4]), we will hear 3 short beeps, the red LED will start to flash
3) enter a user number from 01 to 40, you will hear 2 short beeps (if a user has a number from within 31 to 40, he/she can open the door for an indefinite time - the door will open until you enter the code again)
4) enter your user code and you will hear 3 short beeps
5) return to step 3 if you enter more than one user or press [*] to complete the programming, after pressing [*] we will hear 5 short beeps

2. Deleting the user code
1) press [*], you will hear 2 short beeps
2) enter the administrator code, you will hear 3 short beeps, the red LED will start to flash
3) enter a user number from 01 to 40 and you will hear 2 short beeps
4) press [#], you will hear 3 short beeps
5) return to step 3 if you delete more than one user or press [*] to complete the deletion, after pressing [*] we will hear 5 short beeps

3. Programming the lock opening time
1) press [*], you will hear 2 short beeps
2) enter the administrator code, you will hear 3 short beeps, the red LED will start to flash
3) enter [0][0], you will hear 2 short beeps
4) enter the required opening time from 01 to 99 seconds (2 digits), you will hear 3 short beeps
5) press [*] to finish the programming, you will hear 5 short beeps

4. Change the administrator code (the factory-set administrator code is: 1234)
1) disconnect the power supply to the device
2) press the [*] button and - while holding down - connect the power supply, the door station will generate a long continuous beep
3) When the beep stops, please release the [*] button, you will hear one short beep and the red LED will start flashing
4) enter a new administrator code

5. Opening the door with the code

enter the 4-digit user code, the red LED lights up, the door is open.

6. Reset (not applicable to the administrator code)
1) press [*], you will hear 2 short beeps
2) enter the administrator code, you will hear 3 short beeps, the red LED will start to flash
3) press [#], you will hear 2 short beeps, the LED flashes

4) press [#], you will hear 2 short beeps, the LED flashes
5) press [#], you will hear 1 short beeps, the LED flashes
6) press [#], you will hear 5 short beeps, the LED goes out, the system is reset.

Programming of Door Station with S561A / S562A card reader

The door station must be programmed with DH 12-R Remote controller. It is not included with the station.

1. Entering the programming mode

1) To enter the programming mode, point the remote controller at the LED on the door station and insert the factory default [*][#][4][5][6][7][#] code, you will hear a signal indicating that the operating mode has changed and the LED on the station will turn from red to orange.
2) The exit from the programming mode after pressing [*], the signal and the LED colour turned to red will confirm the return to the operating mode.

2. Adding a new user card

1) Enter the programming mode (see step 1).
2) Press [1] on the remote controller, you will hear a long beep.
3) Insert the last 6 digits of the card number or bring it close to the card reader - a short signal means accepting the card, another long signal confirms its saving.
4) If you want to add more than one card, repeat step 3 as many times as required.
5) When you bring closer the already-registered card, you will hear 4 short beeps.
6) You exit the card addition mode after pressing [*] [*].

3. Adding a user card using the MASTER card

1) Bring the MASTER card close to the reader and you will hear 1 short and 1 long beep.
2) Then insert the last 6 digits of the card number or bring it close to the reader, saving the card in the memory will confirm a long beep.
3) If you want to add more than one card, repeat step 2 as many times as required.
4) To exit the card addition mode, bring the MASTER card closer to the reader, you will hear 3 short beeps - the device is ready to work

4. Removing any registered card

1) In order to delete any registered card, enter the device into the programming mode (step 1).
2) Press [2] on the remote controller, you will hear a long beep.
3) Insert the last 6 digits of the card number you want to delete or bring it close to the reader. You will hear 1 short and 1 long beep to confirm that the card has been removed.
4) You exit the programming mode after pressing [*] [*].

5. Deleting all the cards

1) Enter the programming mode (see step 1).
2) Press [9] [9] on the remote controller. You will hear a long beep. Wait for the sound signal to end to confirm that all the cards have been deleted from the station memory.
3) You return to the operating mode after pressing [*].

6. Changing the administrator code

1) Enter the programming mode (see step 1)
2) Press [8] on the remote controller, you will hear a long beep.
3) Insert a new 4-digit code and confirm it by pressing [#]. Insert your new code again and confirm by pressing [#]. You will hear a long beep confirming that the administrator code has changed.
4) You return to the operating mode after pressing [#].

7. Programming the MASTER card

1) Enter the programming mode (see step 1).
2) Press [0] [7] on the remote controller to hear a long beep and the LED will turn orange.
3) Insert the last 6 digits of the card number to be a MASTER card or bring it close to the reader, you will hear 1 short and 1 long beep confirming that the card has been saved in the memory.
4) To exit the card addition mode, press [*] [*], you will hear a long beep, the LED will turn red - the device is ready for operation.
5) The MASTER card cannot be removed, only new card can be programmed to replace any damaged or lost one.

8. Restoring the administrator code when forgotten

1) Turn off the power supply to the device for at least 10 seconds.
2) Connect the power supply and press [#] on the remote controller while the LED is flashing (6 times), you will hear the signal confirming that the administrator code has been restored to the factory value (4567).

9. Programming the lock opening time

1) Enter the programming mode (see step 1)
2) Press [4] on the remote controller, you will hear a long beep.
3) Insert the required time for opening the electro-lock from the range of 01 - 99 seconds (2 digits).
4) You will hear a long beep to confirm that the lock opening time has changed.
5) You exit the programming mode after pressing [*].

10. Opening the lock with the card

1) Bring the card close to the card reader at a distance of up to 5 cm.
2) Opening the lock is indicated by the green LED on the door station.

Programming Door Station with S561Z Fingerprint Reader

DH12-R remote controller is used for programming the reader.
900 is the maximum number of users. The remote controller is included.

1. Entering the programming mode

To enter the programming mode, point the remote controller at the LED on the door station and insert the administrator code (1234 1234), the LED will turn from red to orange confirming the change of the operating mode.

2. Adding user(s)

1) Lift the reader cover.
2) Enter the programming mode.
3) Insert a user number (from 000 to 899); the LED lights up green (if red, the number is already occupied, press [#] and repeat adding a different user number).
4) Place your finger within the reader area and do not move it until the device generates 2 short and 1 long beeps, the LED will turn orange - the fingerprint has been saved.
5) Repeat steps 3 and 4 to add more users.
6) [#] to exit the programming mode, the LED lights up red.

3. Setting the opening time

1) Enter the programming mode.
2) [*] [1] LED flashes orange.
3) Insert a number from the range of 01 to 99 for the opening time in seconds, the LED lights up orange.
4) [#] to exit the programming mode, the LED lights up red.

4. Changing the administrator code

1) Enter the programming mode.
2) [*] [3] LED flashes orange.
3) Insert your new administrator code twice, 1 short beep, 1 long beep, the LED lights up orange.
4) [#] to exit the programming mode, the LED lights up red.

5. Forgotten administrator code

1) Turn off the power supply to the reader.
2) Turn on the power supply and within 4 seconds press [#], you will hear 1 short beep and 1 long beep, the administrator code has been reset to the factory settings: 1234 1234.

6. Deleting user(s)

1) Enter the programming mode.
2) Insert the user number, the LED lights up red.
3) [*] [*] 1 short beep, 1 long beep, the LED lights up green.
4) [#] [#] to exit the programming mode, the LED lights up red.

7. Deleting all the users

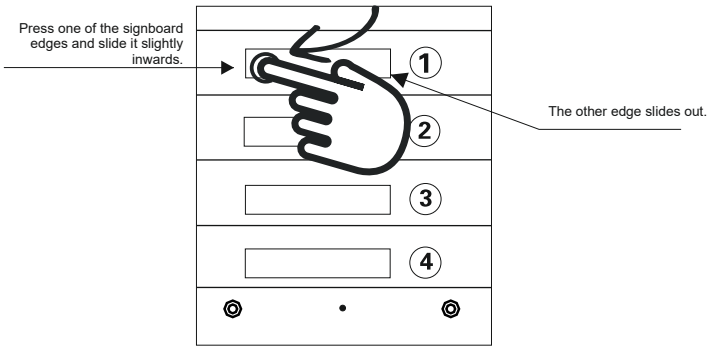
1) Enter the programming mode.
2) [*] [8] the LED flashes orange.
3) [8] [8]; 1 long beep, the LED lights up orange.
4) [#] to exit the programming mode, the LED lights up red.

8. Reset to the factory settings

1) Enter the programming mode.
2) [*] [8] the LED flashes orange.
3) [9] [9]; 1 long beep, the LED lights up orange.
4) [#] to exit the programming mode.

Signboard for your (tenant's) name / surname

There is an insert inside the signboard where you can write your (tenant's) name.
To take out the insert, follow the instructions below:

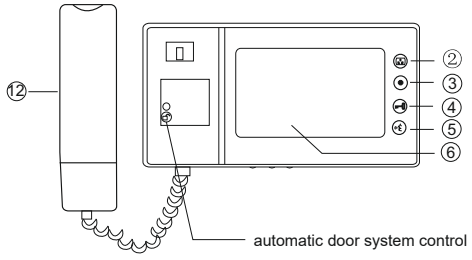


Press the edge → slide the plate under the casing → remove the signboard

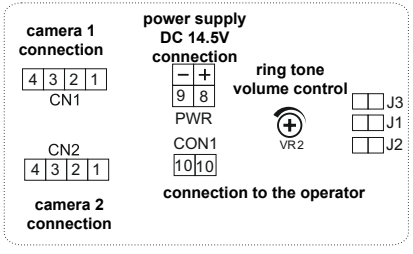
The principle of removing the signboard is the same for all models of door stations.

Detailed information on Monitors

■ M270



Dimensions: 282x135x23 mm

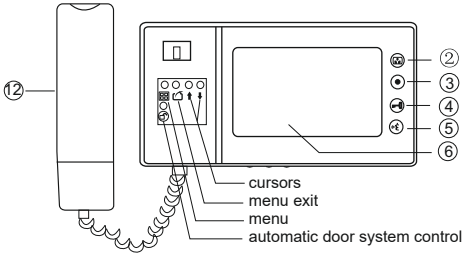


1: audio - red
2: ground - blue
3: camera power supply - yellow
4: video - white
8: power supply (+) - red
9: power supply (-) - black
10: connection to the opener, this is a NO (potential-free) relay contact. Do not connect voltage over 24V; amperage should not exceed 150 mA.

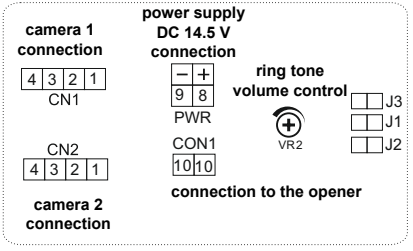
Description of the configuration of J1, J2, J3 jumpers:

J1: switching on or off a chime sound at the door station
> jumper on - you can hear a chime signal
> jumper taken off - a chime signal is off (disactivated)
J2: adjusting the cable in the video line
> jumper on - a coaxial cable, if more than one monitor is installed in the system, leave the jumper at the last monitor only and take it off at other monitors
> jumper off - other cable
J3: switching on or off the call button backlight and the name board at the S35 and S551 door stations:
> jumper put on - the backlight is on (activated)
> jumper off - the backlight is off (disactivated)
for door stations other than S35 and S551, t**he jumper must be taken off**

M270-S2



Dimensions: 282x135x23 mm



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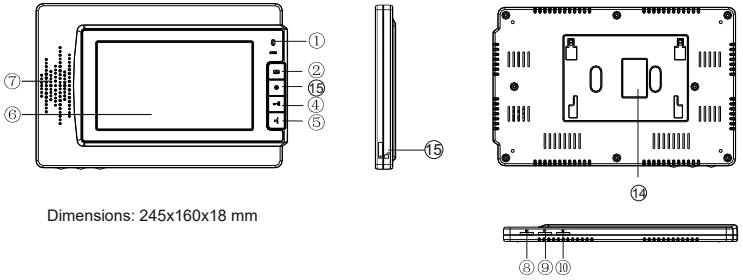
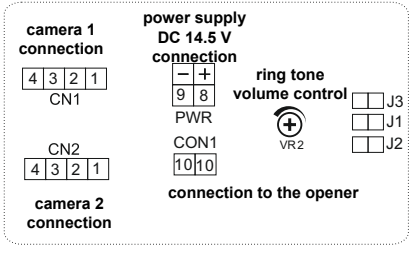
M320



Dimensions: 245x160x18 mm



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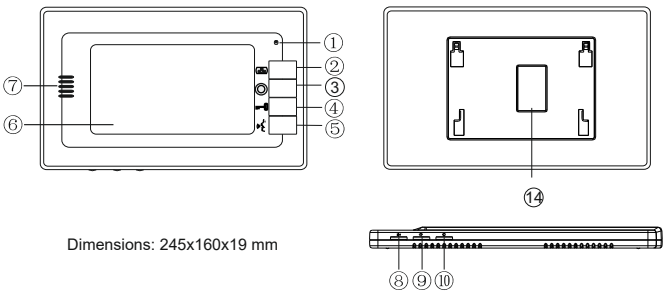
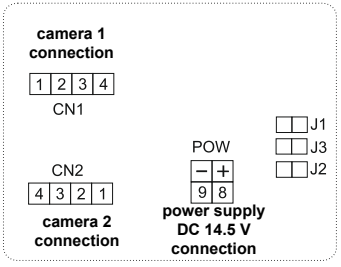
M323



Dimensions: 245x160x19 mm



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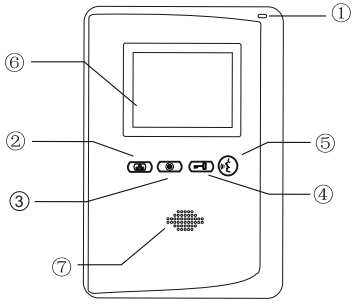
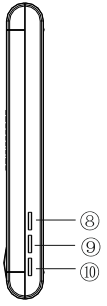
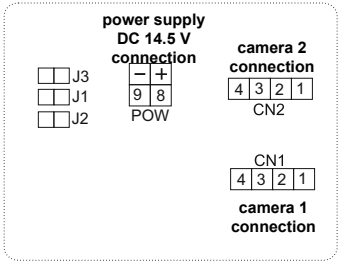
M395





Dimensions: 128x180x24 mm



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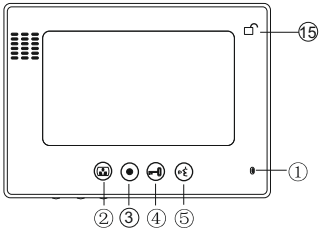
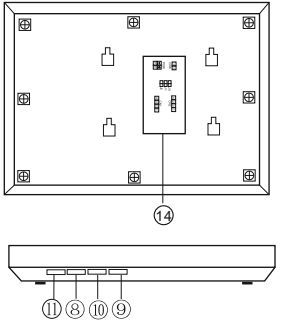
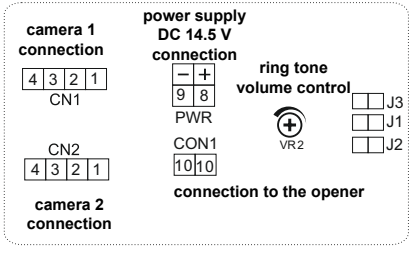
M670



Dimensions: 241x161x23 mm





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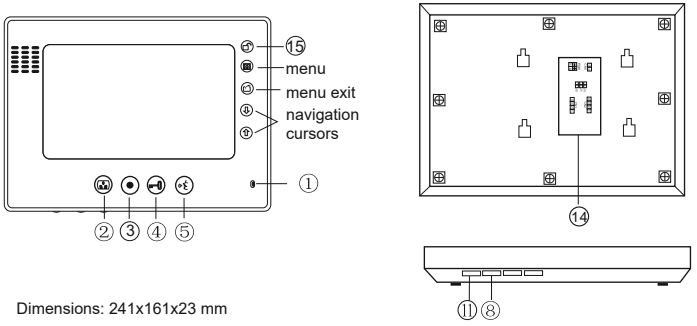
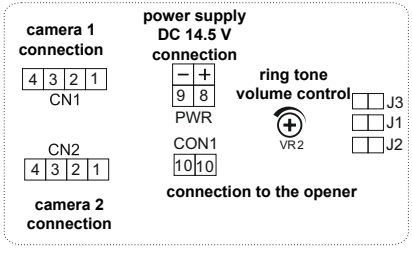
M670-S2



Dimensions: 241x161x23 mm



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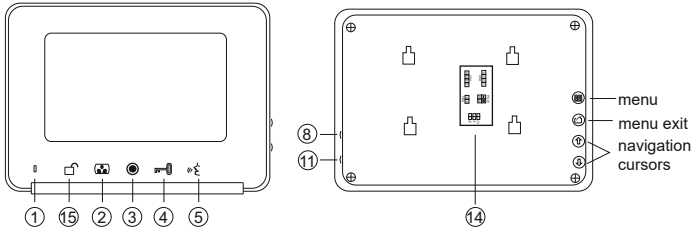
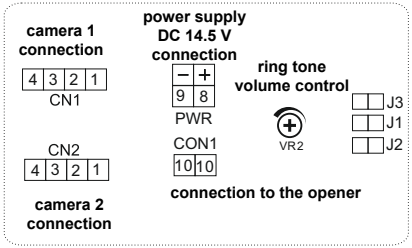
M690-S2



Dimensions: 208x150x20 mm



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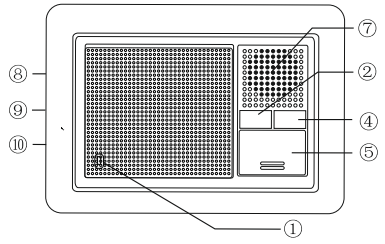
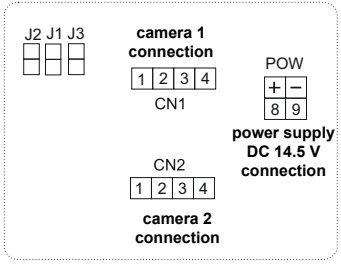
M361



Dimensions: 160x120x42 mm



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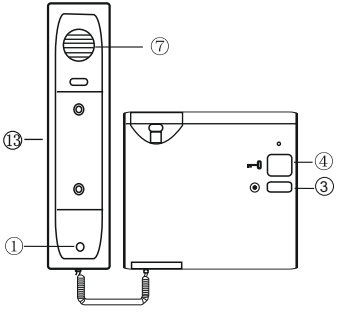
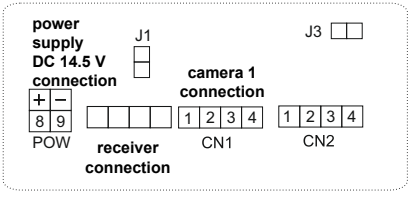
M8



Dimensions: 208x150x20 mm



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for door stations other than S35 and S551, t**he jumper must be taken off**

NO.		MONITOR ITEM
①		Microphone
②		Camera image preview button
③		Intercom button
④		Lock release button
⑤		Call acceptance button
⑥		Screen
⑦		Speaker
⑧		Call volume control
⑨		Brightness adjustment
⑩		Colour adjustment
⑪		Ring tone volume control
⑫		Receiver
⑬		LED
⑭		Installation couplings
⑮		Control of the automatic door system

TECHNICAL DATA	
Power supply	DC 14.5V
Power consumption	7W working current
Screen	10" LCD / 7" LCD // 4" LCD
Operational temperature range	- 10°C~55°C

Ringtone melody settings

The monitor has 16 ring tones to choose from, to change the tone you need to:

1. in the standby mode, press the and buttons simultaneously and hold until the monitor starts ringing
2. if you press the button, you change your tone, each time the button is pressed the tone changes to the next one.
3. press the button to confirm/save the selected tone.

Support for S2 memory monitors

Up to 100 images can be saved in the monitor memory. If the memory is full, the oldest images are automatically deleted and new ones are saved at their place.

After pressing the call button by a guest, the device automatically saves 1 camera image after 3 seconds after pressing the button.
Switching the monitor to the preview mode will also automatically save 1 image.

The blue LED under the memory control buttons indicates a given image that has been saved but not viewed.

Viewing images

After pressing the or arrows, the screen will display the latest image saved in the memory.
If there are still not-viewed images in the memory, the message ***Not viewed*** with the number indicating the number of newly saved images will be displayed at the top left corner of the screen.
If continue to press the or arrows, you select older or newer images.
You can exit the feature after pressing the button or automatically after 10 seconds if no other operation is performed during this time.

Deleting individual images

After pressing the or arrows, the screen will display the latest image saved in the memory.
Continue to press the or arrows to select older or newer images. If you want to delete the selected image, press . Pressing again with YES will delete the image. If you want to cancel the deletion, press the arrow with NO to confirm press .
You can exit the feature after pressing the button or automatically after 10 seconds if no other operation is performed during this time.

Deleting all the images

Press the button to display the menu window. Pressing the button the appropriate number of times takes you to the ***Delete All*** window - pressing the or arrows **will delete all the images from the memory**. You can exit the menu after pressing the button or automatically after 10 seconds if no other operation is performed during this time.

Setting the screen parameters - brightness, contrast, colour saturation

Press the button to display the menu window. Pressing the button the appropriate number of times takes you to the ***Brightness, Contrast*** or ***Colour*** window - with the and arrows you adjust the corresponding parameter in the range of 0 - 100.
You can exit the menu after pressing the button or automatically after 10 seconds if no other operation is performed during this time.

Setting the language

Press the button to display the menu window. Pressing button the appropriate number of times will take you to ***Language*** window - pressing or arrow will allow you to choose the appropriate language.
You can exit the feature after pressing the button or automatically after 10 seconds if no other operation is performed during this time.

Setting the date

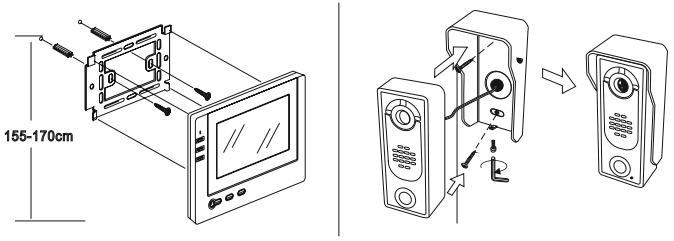
Press the button to display the menu window. Pressing the button the appropriate number of times will take you to the ***Date*** window. Pressing the or arrow will cause the year displayed to flash. Use the arrows to set the required year, then press the key to move on to the month setting and then to the day setting.
You can exit the menu after pressing the button or automatically after 10 seconds if no other operation is performed during this time.

Setting the time

Press the button to display the menu window. Pressing the button the appropriate number of times will take you to the ***Time*** window. Pressing the or arrow will cause the hour displayed to flash. Use the arrows to set the required hour, then press the key to move on to the minute setting and then to the second setting.
You can exit the menu after pressing the button or automatically after 10 seconds if no other operation is performed during this time.

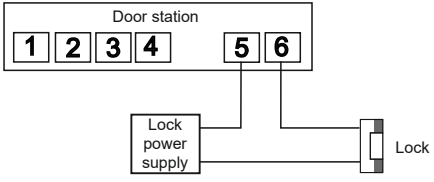
Instalation

1. When connecting the power supply to your video intercom, pay special attention to the correct connection of its poles! Incorrect connection will damage the video intercom.
2. Do not install the device in places subject to dust, direct sunlight, high temperatures or high humidity.
3. o not seal the camera with silicone.
4. Do not install the device in places subject to vibration or shock.
5. Choose a place to install the monitor, mount the monitor mount bracket on the wall (155-170cm is the optimal height for the monitor to be mounted).
6. Connect the camera cables to the monitor.
7. Attach the monitor to the bracket.
8. Connect the monitor to the power supply.



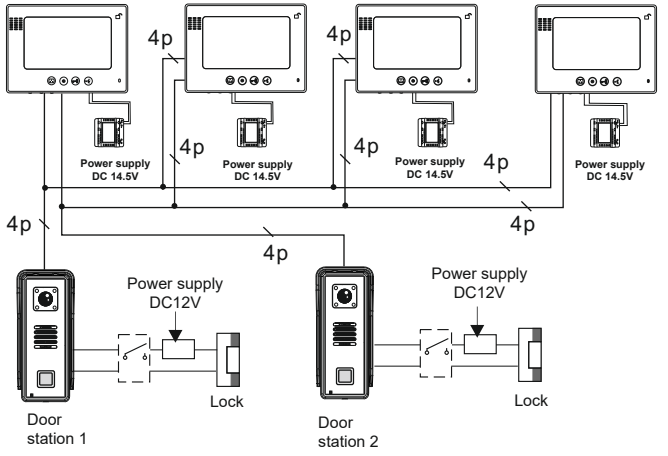
For installations up to 30m, use wires with their diameter of min. 0.5mm; for installations over 30m - min. 0.7mm. For the best video quality, we recommend using 75 ohm coaxial cables.

Lock connection diagram

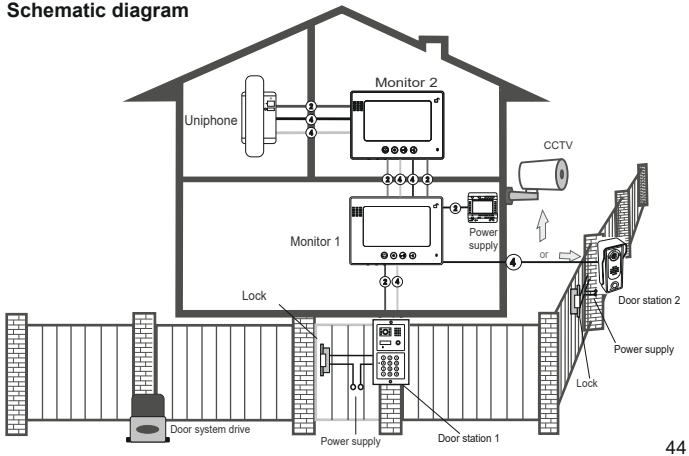


- In case of using a lock with DC12V, up to 300mA, it can be powered by the video intercom power supply.
- The above diagram does not apply to the S50D door station.

Connection diagram

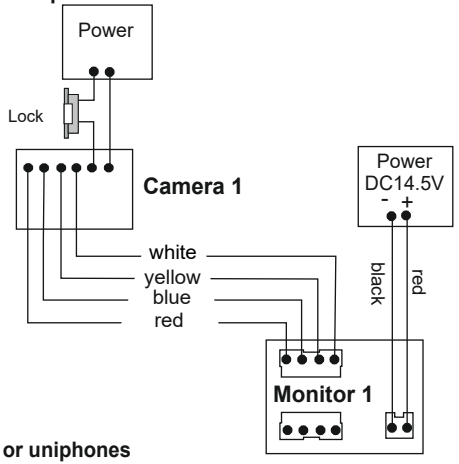


Schematic diagram

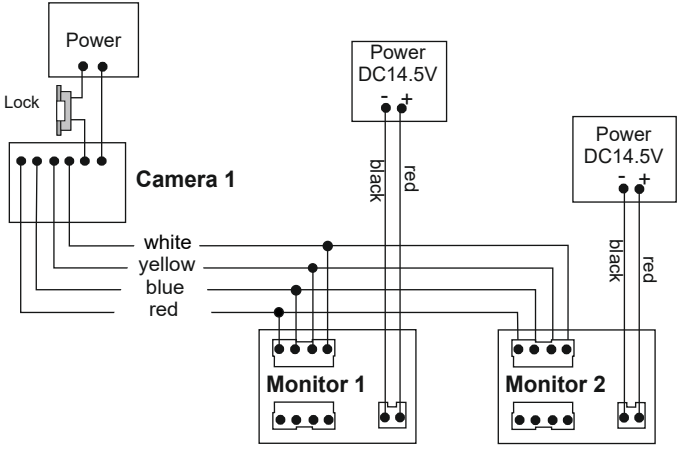


S6 / S35 / S551

1 camera + 1 monitor or uniphone

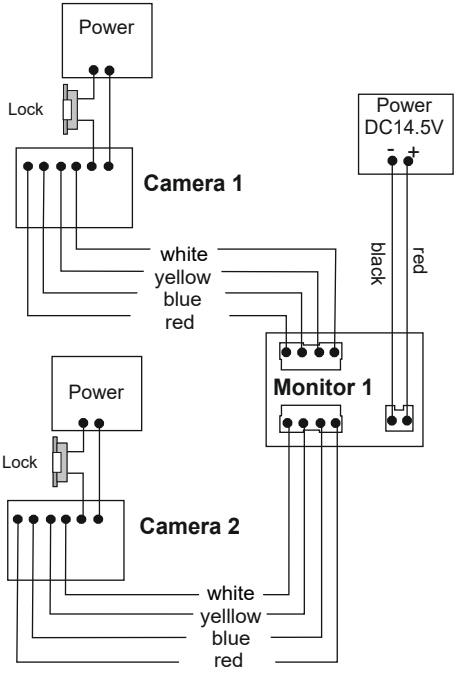


1 cameras + 2 monitors or uniphones



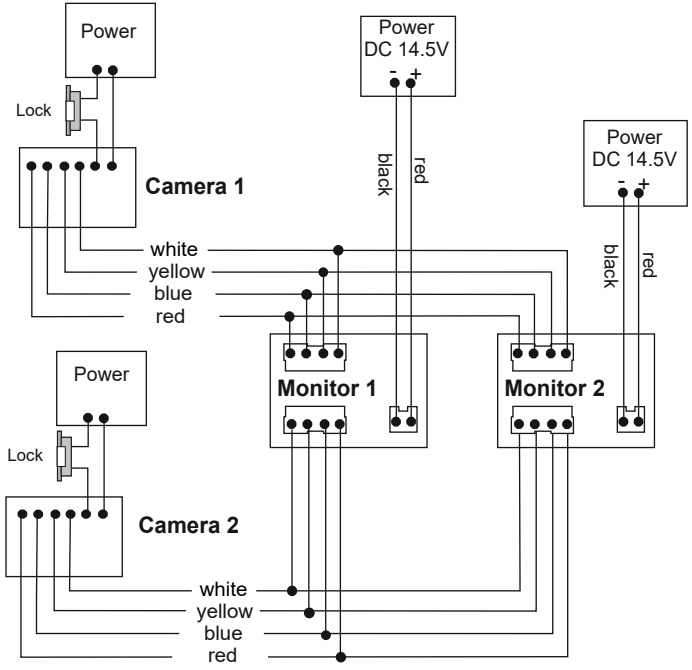
S6 / S35 / S551

2 cameras + 1 monitor or uniphone



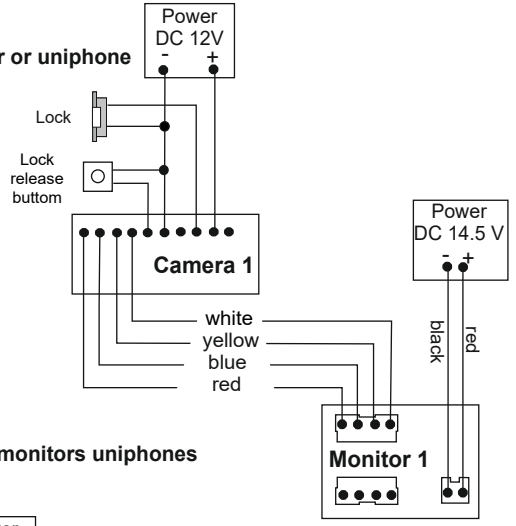
S6 / S35 / S551

2 cameras + 2 monitors or uniphones

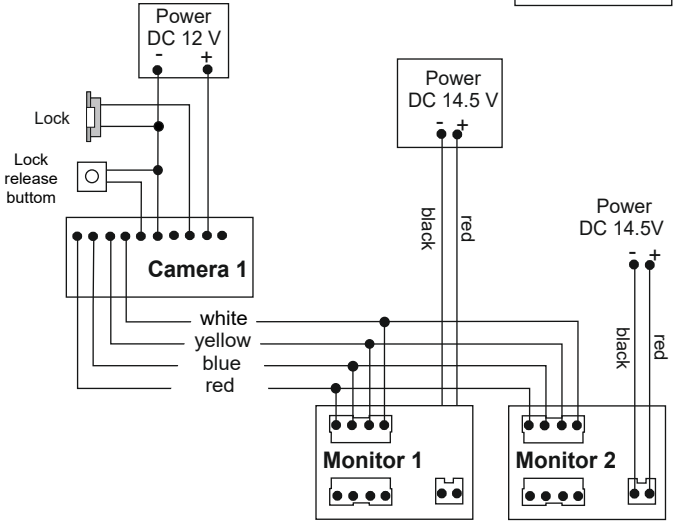


S50D

1 camera + 1 monitor or uniphone

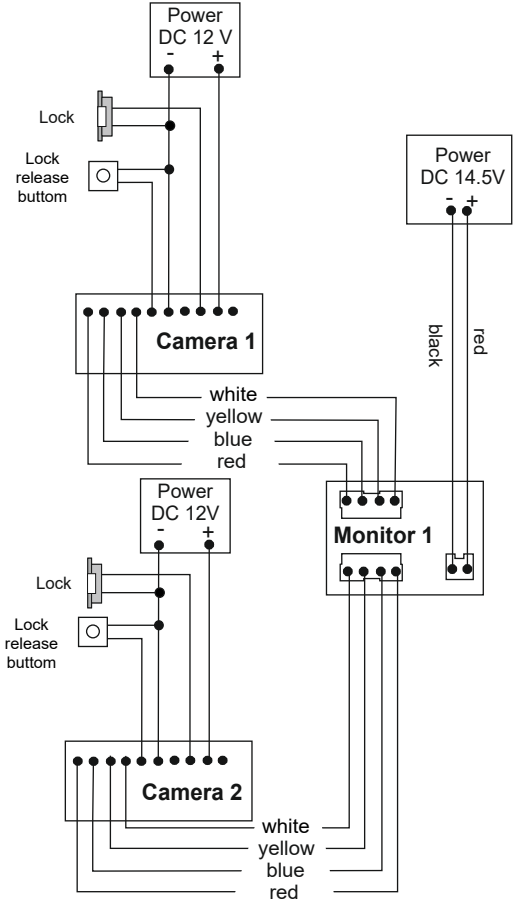


1 camera + 2 monitors uniphones



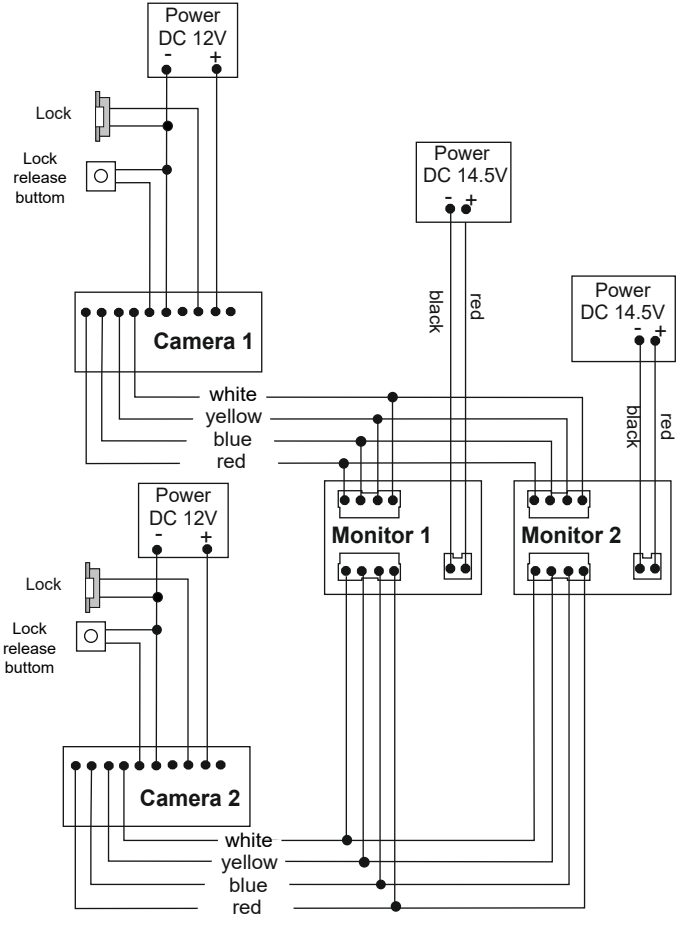
S50D

2 cameras + 1 monitor or uniphone



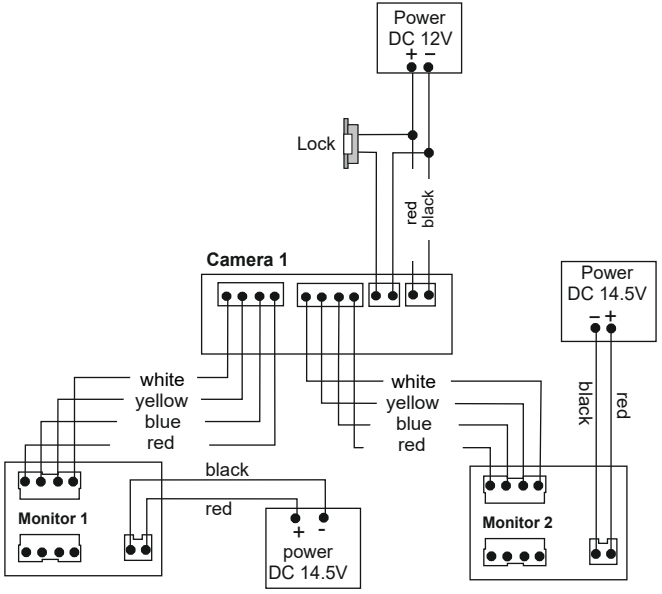
S50D

2 cameras + 2 monitors or uniphones



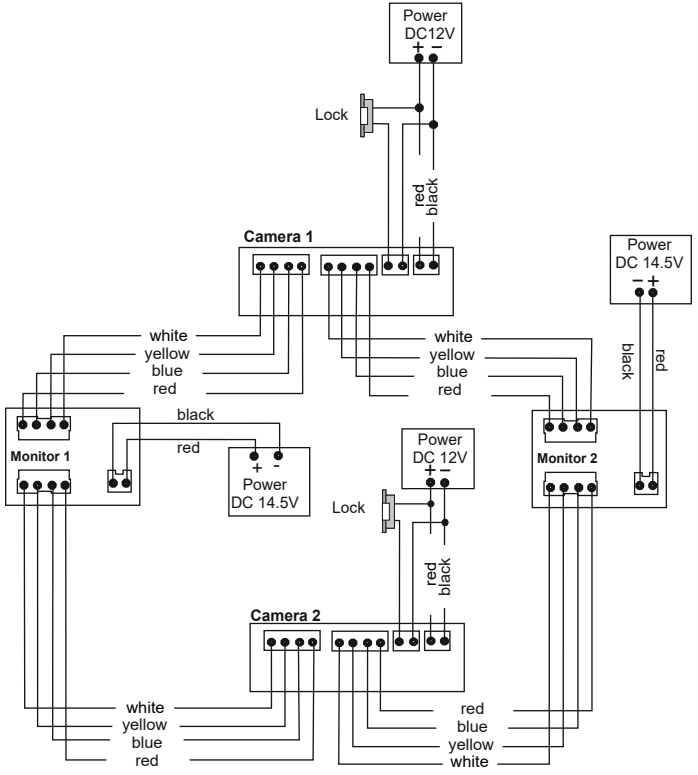
S561D / S561A / S561Z / S562D / S562A / S36

1 camera + 2 monitors or uniphones



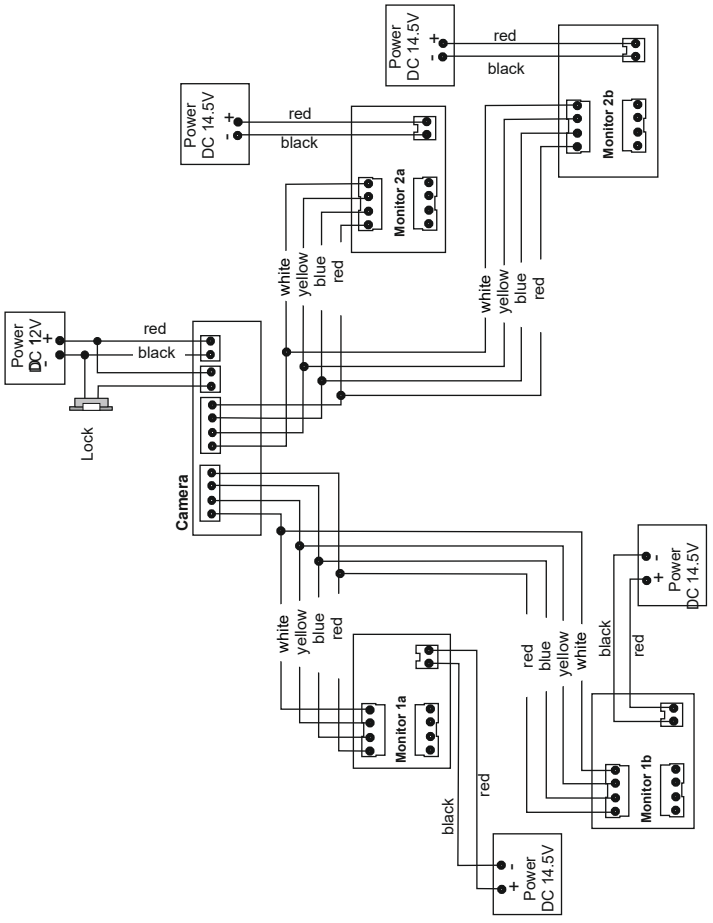
S561D / S561A / S561Z / S562D / S562A / S36

2 cameras + 2 monitors or uniphones

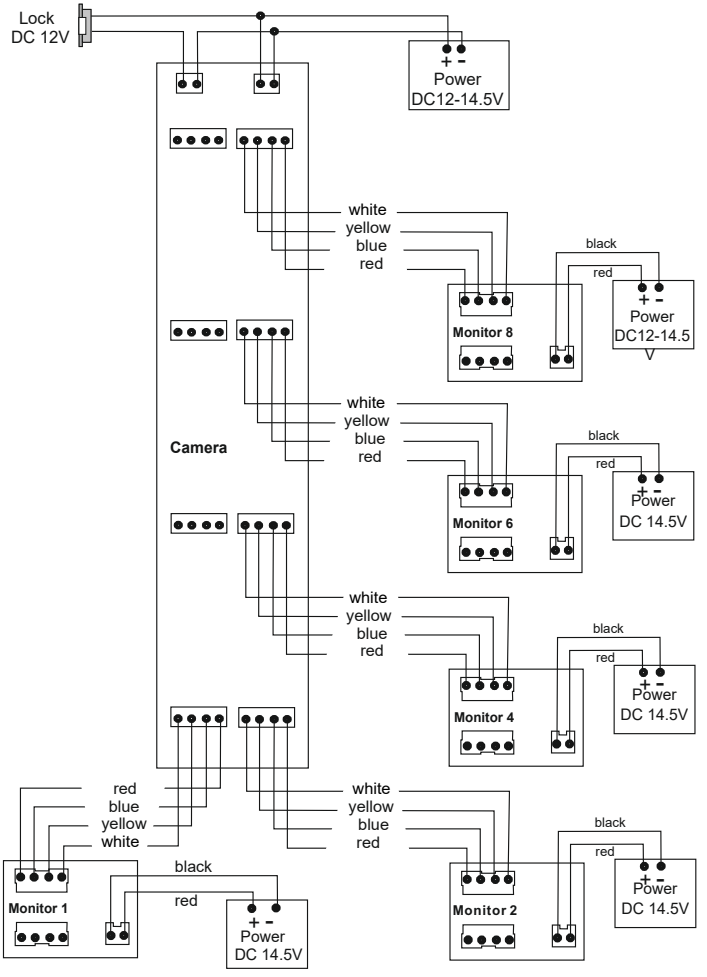


S561D / S561A / S561Z / S562D / S562A / S36

2 cameras + 4 monitors or uniphones

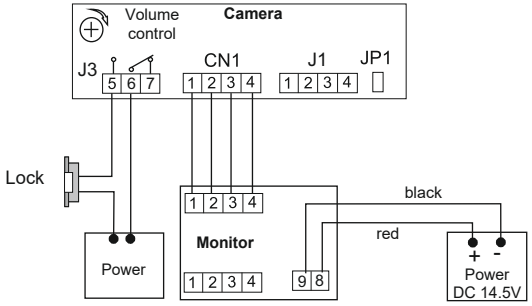


S563 / S564 / S556 / S558

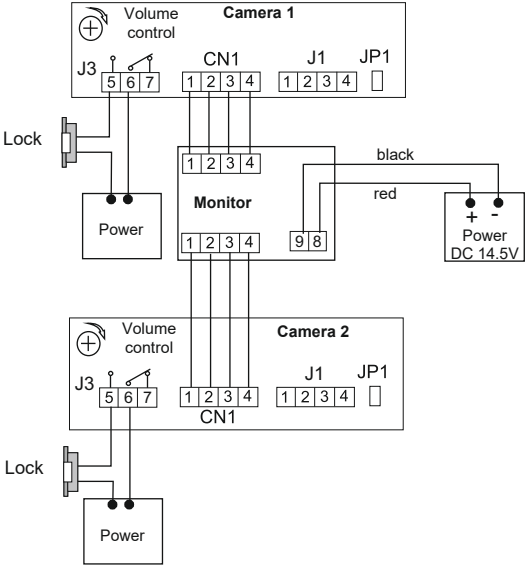


S601

1 camera + 1 monitor or uniphone

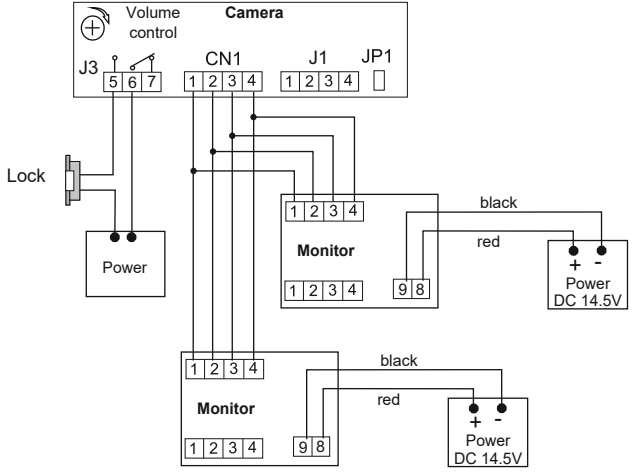


2 cameras + 1 monitor or uniphone



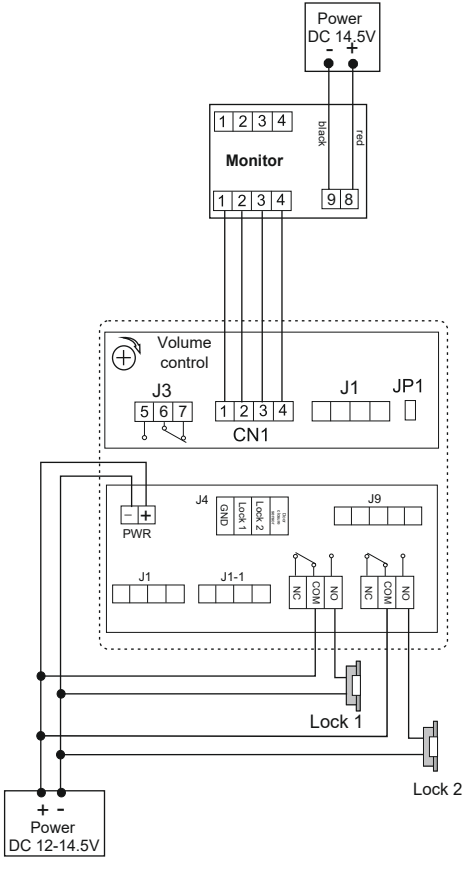
S601

1 camera + 2 monitors or uniphones



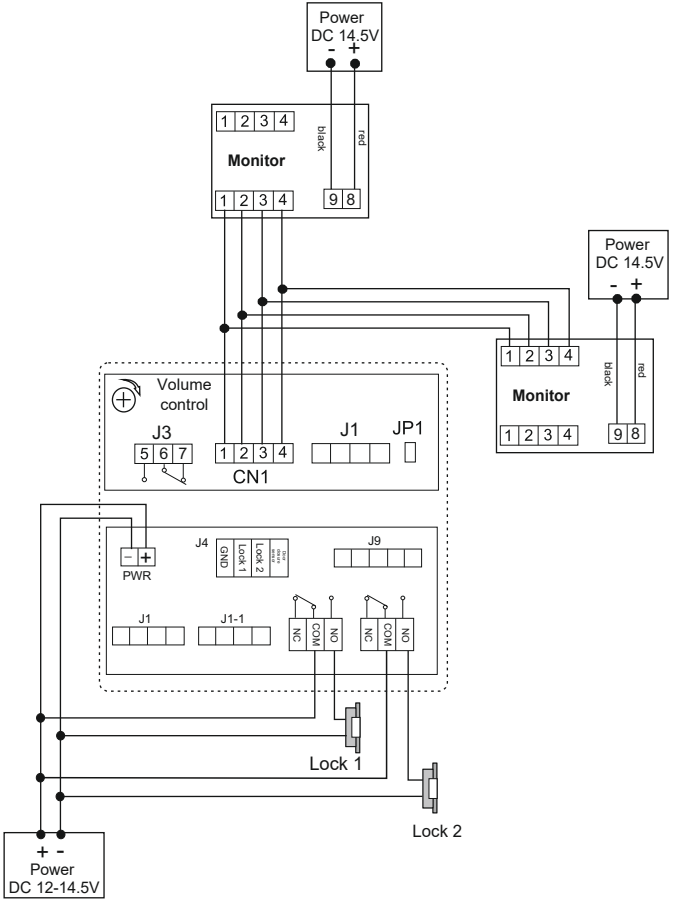
S601A-2 / 601D-2 / 601Z-2

1 camera + 1 monitor or uniphone

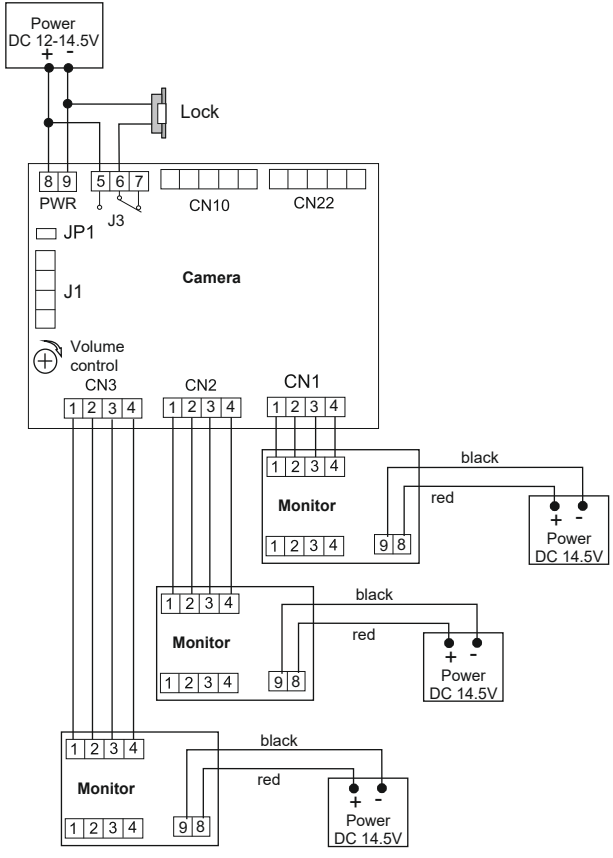


S601A-2 / 601D-2 / 601Z-2

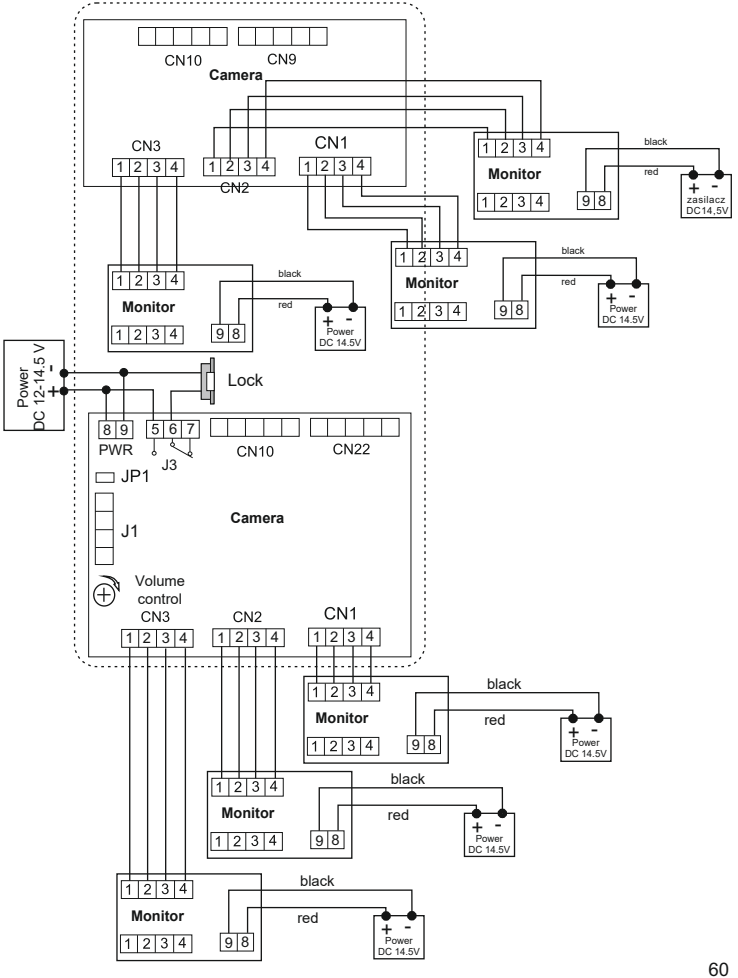
1 camera + 2 monitors or uniphones



S 602 / S 603 / S 603A / S 603D



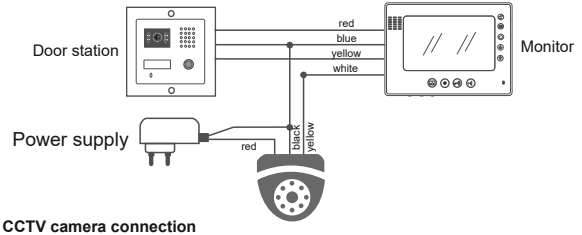
S 606



Additional types of connections

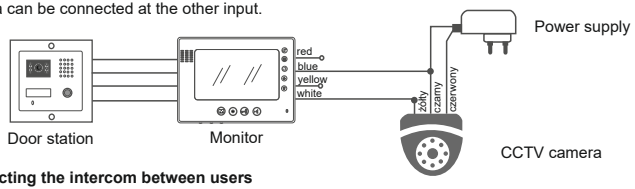
Using a CCTV camera instead of the door station camera

In case of insufficient visibility from the camera in the external panel, a CCTV camera can be used for connection and viewing. After calling at the door station, images from the CCTV camera will be displayed on the screen. The other features remain unchanged.



Additional CCTV camera connection

Every monitor has 2 independent inputs. When only one gate is serviced, an additional CCTV camera can be connected at the other input.

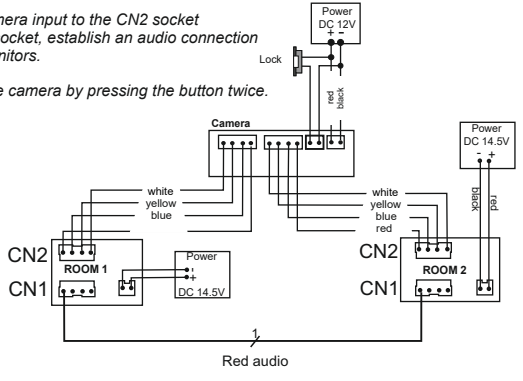


Connecting the intercom between users

If only one camera is used in the system (at the door station), you can make an intercom call to another user using the second input at the monitor.

Connect the camera input to the CN2 socket
Using the CN1 socket, establish an audio connection between the monitors.

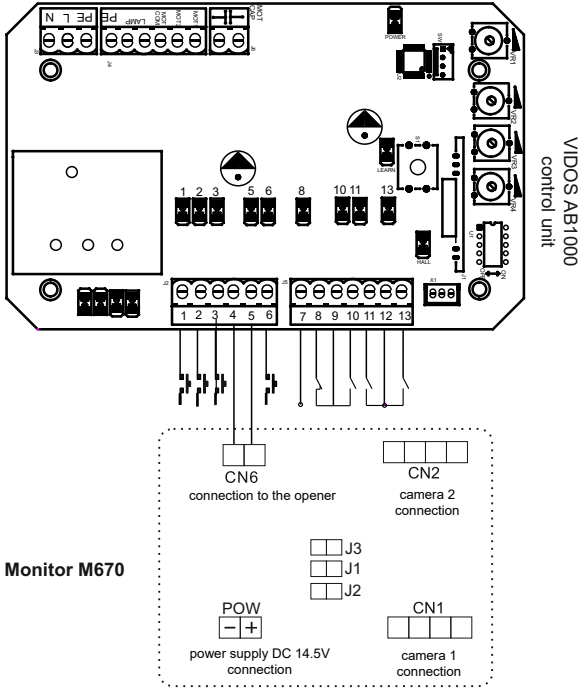
Preview from the camera by pressing the button twice.



Automatic door station connection

Exemplary monitor/automatic door station connection diagram The connection method is the same for all the monitors with the control door station feature.

Based on the AB1000 drive



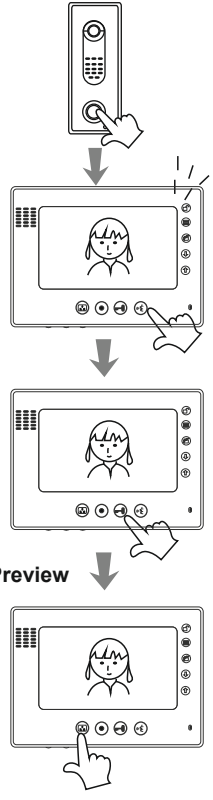
Monitor M670

Attention!

This is a NO (potential-free) relay contact. Do not connect voltage over 24V. Amperage should not exceed 150 mA.

Video-intercom operation

Calling



A guest presses the call button on the camera.

The monitor shows a guest's image and emits a chime signal.
Press the button to start your conversation.

If no one answers, the monitor will automatically turn off after 1 minute.

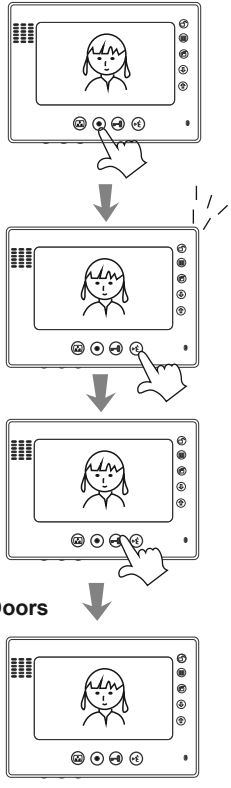
If you want to open the entrance, press the key.

Preview

If you want to watch camera surroundings on the monitor, press the preview button.

If there are 2 cameras installed in the system:
press the button once:
the camera 1 will turn on
press the button the second time:
the camera 2 will turn on
press the button the third time:
the monitor will turn off

Intercome



If there are 2 or more monitors installed in the system:

to call up the second monitor, press the intercom button

A call tone sounds on the second monitor (the screen remains blank)

to start the conversation with the first monitor, press the call acceptance button

to end the conversation, press the call acceptance button again

Doors

To open the automatic door station press the padlock symbol on the monitor.

With some models, the door can be opened in a different manner
Series 670 - the symbol in the top corner
Series 270 - the button under the receiver
Series 320 - the (intercom) symbol
Series 900 - the symbol on the main panel

WARRANTY CARD

1. Wena Company shall grant a warranty for the purchase of your product for a period of 24 months from the date of its purchase as shown on the present Warranty Card and the purchase document.
2. Product defects found during the warranty period shall be repaired free of charge within 21 working days from the date of acceptance of your product at the service centre.
3. The user has the right to replace the product with a new one if;
➢ four major repairs have been conducted during the warranty period and the product is still defective;
➢ when it is established that an unrecoverable defect has occurred. When replacing the product with a new one, the equivalent of items (including packaging) which are missing or damaged by the user as well as the cost of their replacement shall be deducted.
qqq
4. The user shall deliver the defective product at its own expense to the service centre.
5. The warranty shall not cover the deterioration of the product quality caused by standard wear and tear and in the following cases:
➢ the product has been used improperly or inconsistently with the product operating instructions;
➢ the product has been used or left in improper conditions (excessive humidity, too high or low temperature, sunlight, etc.), maintenance and operational condition which are different from the ones specified in the product operating instructions;
➢ mechanical, chemical and thermal damage;
➢ damage caused by external forces, e.g. overvoltage in the electrical network, atmospheric discharges, flood, fire;
➢ damage resulting from improper installation, improper storage of the device or repairs conducted by any unauthorised persons;
➢ damage due to incorrect voltage connection.
6. The guarantee shall cease to be valid as a result:
➢ breakage or damage of warranty seals;
➢ connection of additional equipment, other equipment than the one recommended by the product manufacturer;
➢ modifications and structural changes to the product and repairs conducted beyond the Wena service centre;
➢the Guarantee Card or serial number have been changed, blurred or obliterated,
7. The Guarantee Card shall be valid only with the entered date of sale confirmed by the seller's seal and signature.
8. The condition to perform repair works is to deliver the Product with the Warranty Card and the proof of purchase.
9. Service Centre:

Firma Handlowa Wena
Al. Jerozolimskie 311
05-816 Reguly/ near Warsaw, Poland
tel. +48 22 8370286; +48 22 8174008
e-mail: biuro@vidos.pl
www.vidos.pl

Product name: .....Type: .....

Date of sale: ..... Seller's seal and signature.....

Register of repairs

Date of repair	Scope of repair	Signature of the service staff