



EXTERNAL MULTI-TENANT CASE for 2-wire video intercom system

VDA-98A5



VDA-99A5



VDA-95A5



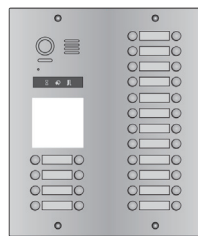
VDA-94A5



VDA-96A5



VDA-97A5



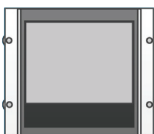
VXA-65A5



VXA-63A5



VXA-66A5



VXA-64A5



VXA-58A5



VXA-59A5



User manual and
warranty card

Contents

1. GENERAL CHARACTERISTICS AND PURPOSE OF THE CASSETTE.....	4
2. CHARACTERIZATION OF THE eUrA 2 EASY SYSTEM	4
3. STRUCTURE OF THE EXTERNAL CASSETTE	5
4. DESCRIPTION OF EXTERNAL TERMINALS AND ADJUSTMENT ELEMENTS.....	6
5. CASSETTE INSTALLATION	7
6. CONNECTION DIAGRAM	8
6.1. CONNECTION DIAGRAM OF THE CASSETTE WITH OTHER SYSTEM MODULES.....	8
6.2. DIP-SWITCH SETTINGS DESCRIPTION	9
6.3. LOCK CONNECTION DIAGRAMS.....	9
7. MODULE DESCRIPTIONS.....	11
7.1. CAMERA MODULE (BASIC MODULE)	11
7.1.1. DESCRIPTION OF THE CAMERA MODULE CONSTRUCTION.....	11
7.1.2. DESCRIPTION OF EXTERNAL TERMINALS.....	11
7.1.3. CAMERA MODULE CONFIGURATION	12
7.1.3.1. SETTING THE ELECTROMAGNETIC LOCK ACTIVATION TYPE	12
7.1.3.2. SETTING THE ELECTROMAGNETIC LOCK RELEASE TIME.....	12
7.1.3.3. SETTING THE NOTIFICATION MELODY.....	13
7.1.3.4. SETTING THE MELODY VOLUME	13
7.1.3.5. SETTING THE CALL VOLUME.....	13
7.1.3.6. RESTORE TO DEFAULT SETTINGS.....	14
7.2. VXA-64A5 ENCRYPTOR KEYBOARD MODULE (AVAILABLE SEPARATELY)	14
7.2.1. DESCRIPTION OF THE STRUCTURE OF THE VXA-64A5 ENCRYPTOR KEYBOARD MODULE	14
7.2.2. DESCRIPTION OF EXTERNAL TERMINALS	14
7.2.3. CALLING THE TENANT AND ACCESS TO THE PROPERTY.....	15
7.2.4. CONFIGURATION OF THE VXA-64A5 TOUCH SCREEN KEYBOARD ENCRYPTOR MODULE	16
7.2.4.1. ENTERING PROGRAMMING MODE.....	16
7.2.4.2. AVAILABLE SETTING FUNCTIONS	16
7.2.4.3. RESTORE FACTORY SETTINGS	17
7.2.4.4. INSTALLER CODE SETTINGS	17
7.2.4.5. KEY BACKLIGHT TIME SETTINGS.....	17
7.2.4.6. SETTING THE LOCK RELEASE TIME.....	18
7.2.4.7. ELECTROMAGNETIC LOCK TYPE SETTINGS.....	18
7.2.4.8. MODULE KEY TOUCH RESPONSE SETTINGS	18
7.2.4.9. RESETTING ENTERED USER CODES	19
7.2.4.10. SETTINGS FOR # AND * KEY OPERATION	19
7.2.4.11. CALL BUTTON OPERATION SETTINGS	19
7.2.4.12. INTERFERENCE IMMUNITY LEVEL SETTINGS	19
7.2.4.13. VOLUME LEVEL SETTINGS	20
7.2.4.14. KEY BACKLIGHT LEVEL SETTINGS	20
7.2.4.15. TEMPORARY ACCESS CODE SETTINGS FOR 1 LOCK.....	20
7.2.4.16. TEMPORARY ACCESS CODE SETTINGS FOR 2ND LOCK.....	21
7.2.4.17. GROUP CODE SETTINGS FOR 1 LOCK.....	21
7.2.4.18. GROUP CODE SETTINGS FOR 2ND LOCK	21
7.3. LCD DISPLAY MODULE VXA-65A5 (AVAILABLE SEPARATELY)	22
7.3.1. DESCRIPTION OF THE STRUCTURE OF THE VXA-65A5 LCD DISPLAY MODULE	22
7.3.2. DESCRIPTION OF EXTERNAL TERMINALS	22
7.3.3. CALLING THE TENANT AND ACCESS TO THE PROPERTY.....	23
7.3.3.1. SELECTING A TENANT FROM THE LIST USING THE VXA-65A5 DISPLAY MODULE	23
7.3.3.2. SELECTING A TENANT FROM THE LIST USING THE VXA-64A5 ENCRYPTOR KEYBOARD MODULE	23
7.3.3.3. ACCESS TO PROPERTY BY ACCESS CODE (VXA-64A5 ENCRYPTOR KEYBOARD MODULE REQUIRED)	23
7.3.3.4. ACCESS TO SETTINGS USING THE VXA-64A5 ENCRYPTOR KEYBOARD MODULE	23
7.3.3.5. ACCESS TO PROPERTY USING ID CARDS (VXA-63A5 PROXIMITY CARD READER MODULE REQUIRED).....	24
7.4. VXA-63A5 PROXIMITY CARD READER MODULE (AVAILABLE SEPARATELY)	24
7.4.1. DESCRIPTION OF THE STRUCTURE OF THE VXA-63A5 PROXIMITY CARD READER MODULE	24
7.4.2. DESCRIPTION OF EXTERNAL TERMINALS.....	25
7.4.3. ID CARD READER MODULE CONFIGURATION.....	25
7.4.3.1. SETTINGS FOR THE MASTER CARD.....	25
7.4.3.2. REGISTERING USER CARDS.....	26
7.4.3.3. DELETING USER ID CARDS	27
7.4.3.4. ERASING ALL ID CARDS FROM THE DEVICE MEMORY	27
7.4.4. SUMMARY OF COMBINATIONS OF MODULES IN THE MULTITANTER CASSETTE	28
8. EXAMPLES OF OUTDOOR STATION CONFIGURATIONS	30
8.1. VDA-96A5	30
8.2. VDA-95A5	30
8.3. VDA-94A5.....	31
8.4. VDA-97A5	31
8.4. VDA-98A5	32
9. CONFIGURATION OF STATION SETTINGS	32
9.1. PREPARING A TENANT LIST.....	32
9.2. UPDATE THE TENANT LIST USING THE MICRO SD CARD PORT.....	33
10. TECHNICAL SPECIFICATIONS	33

introductory remarks

Before connecting and using the device, please read this user manual carefully. If you have any problems understanding its content, please contact the seller of the device. Self-assembly and start-up of the device is possible provided that the installer has basic knowledge of electrical engineering and uses the appropriate tools. Nevertheless, it is recommended that the device be assembled by qualified personnel. The importer is not responsible for damage that may result from incorrect assembly or use of the device, or from performing repairs and modifications on your own.

1. GENERAL CHARACTERISTICS AND PURPOSE OF THE CASSETTE

Modular multi-family external cassette, fully compatible with the Eura 2 Easy system. Each cassette is made of stainless steel, intended for flush mounting. The basic part of each set of modules used to transmit the video signal is a color camera, the observation of which after dark is supported by a set of 3 LED diodes emitting white light. Among the available modules that the cassette can consist of, it is worth mentioning the 3.5" color TFT LCD display, which significantly facilitates the operation and configuration of the device settings. Proximity card reader module, allowing for programming up to 320 cards, which after bringing them close to the reader allow entry to the premises. Touch and backlit keyboard module, which significantly speeds up the configuration of the device, selection of the premises to be called, as well as the possibility of entering a password allowing entry to the premises.

2. CHARACTERISTICS OF THE euRA 2 eAsy SYSTEM

The 2-wire Eura 2 Easy system is a single or multi-tenant video intercom system, the main idea of which is the simplicity of installation, achieved by minimizing the number of cables and power supplies used. A 2-wire cable is enough to connect individual modules working in the system, which can handle a maximum of 256 monitors and 4 external cassettes. Thanks to the use of FM modulation to transmit the video signal and ASK modulation to transmit control data, the system is distinguished by high resistance to interference, i.e. very good image color quality at every point of the installation. Here are the basic functions of the system:

- 2-wire cable connection system between modules at each point of the installation, the method of connecting both wires is optional (no signal polarity),
- possibility of using 1 central power supply in the entire system,
- easy and quick installation thanks to the use of simple plugs and DIP switches,
- possibility of installing more monitors within 1 premises (with the same user code),
- ability to answer the call using a landline or mobile phone.

In addition to external cassettes, it is also possible to connect cameras monitoring a maximum of 4 cameras to the system.

- Intercom function between tenants within one system,
- Maximum distance of the external cassette from the farthest monitor: 150 m.

The system can be expanded to support 2 independent electromagnetic locks. It is possible to connect additional external cassettes and an additional bell (calling gong), as well as the possibility of controlling lighting (e.g. in the staircase)

or other relay-triggered devices.

The basic configuration of the Eura 2 Easy system in a single-tenant building is shown in Fig. 1, while the basic configuration of the system in a multi-tenant building is shown in Fig. 2. A detailed description of the entire Eura 2 Easy system with all its modules is the subject of a separate instruction manual.

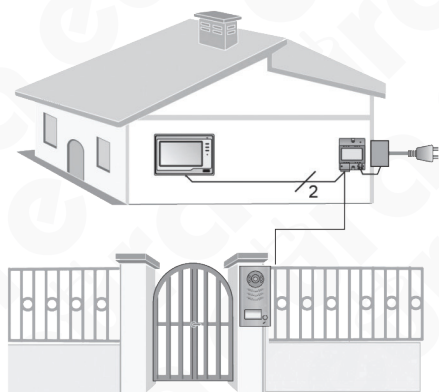


Fig. 1. Configuration of a single-tenant system

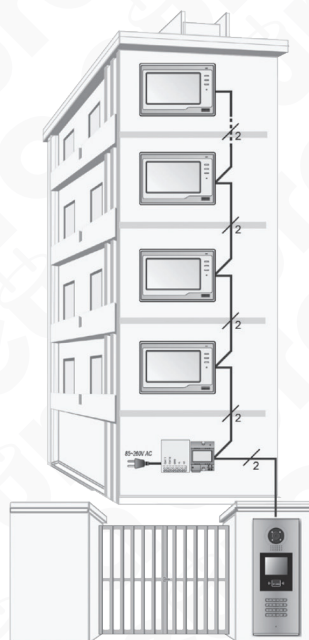
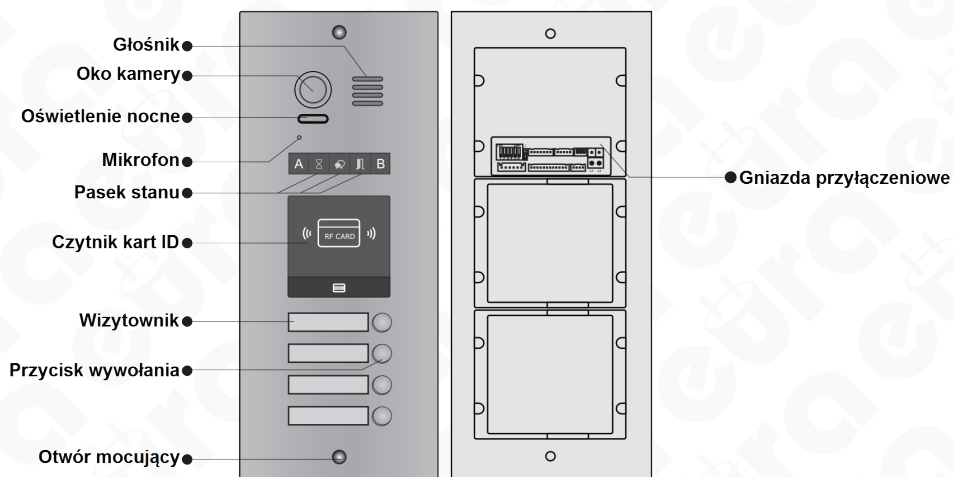


Fig. 2. Multi-tenant system configuration

3. CONSTRUCTION OF THE EXTERNAL CASE

The structure of an example modular external cassette together with the arrangement of all external elements is shown in Fig. 3.



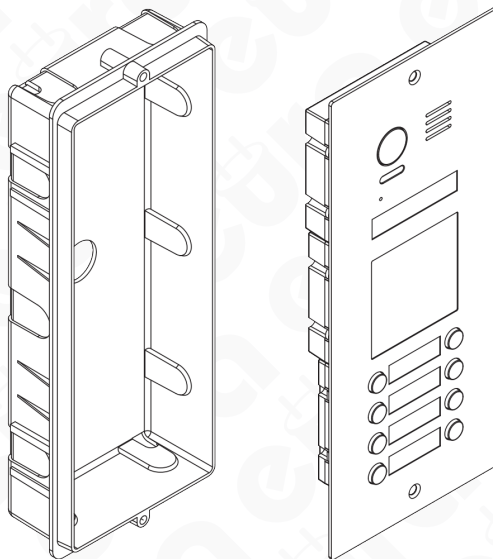


Fig. 3. External structure of the cassette

4. DESCRIPTION OF EXTERNAL TERMINALS AND ADJUSTMENT ELEMENTS

The description of the external terminals and adjustment elements of the cassette is shown in Fig.4.

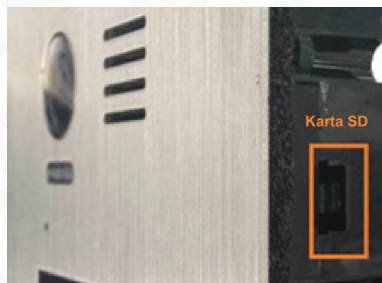
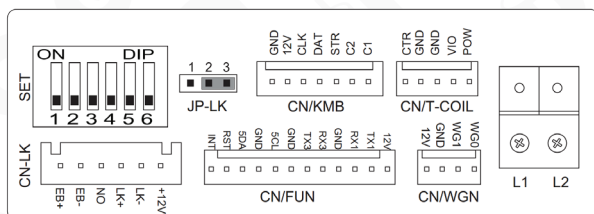


Fig. 4. Cassette clamps and adjustment elements

- + 12V: 12V DC power output
- LK- (GND): Power Ground
- LK+ (COM): Relay common contact
- NO: Normally open relay contact
- EB+: First pole of the additional exit button
- EB-: Second pole of the additional exit button
- JP-LK: Lock type jumper - setting depending on the lock type and its power supply (see chapter 6.3)
- SET: DIP switch for configuring the main module
- CN/KMB: Port for connecting the call button module
- CN/T-COIL: Port for connecting the VXA-66A5 business card holder
- CN/FUN: Port for connecting VXA-64A5 encryptor keyboard module or VXA-65A5 LCD display
- CN/WGN: Port for connecting the VXA-63A5 proximity card reader module
- BUS (L1,L2): Connection with 2-wire bus, non-polarized (any connection method)

5. CASSETTE INSTALLATION

The modular cassette is designed for flush mounting. The correct way to install the cassette (depending on the version) is shown in Fig. 5 and 6.

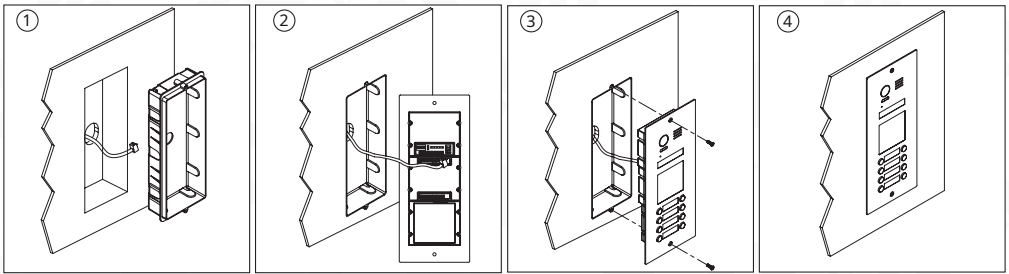


Fig. 5. Surface-mounted installation of the external cassette

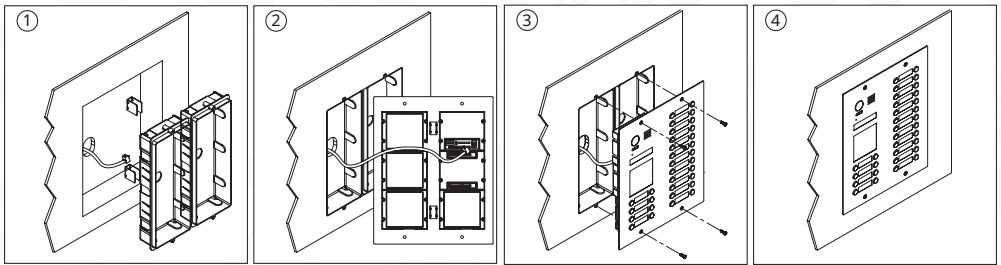


Fig. 6. Surface-mounted installation of the external cassette

1. Cut a hole in the wall with the given dimensions and mount the cassette cover in it.
2. Connect the cables from the other system modules to the cassette.
3. Secure the cassette with screws
4. View of a properly installed cassette

6. CONNECTION DIAGRAM

6.1. CONNECTION DIAGRAM OF THE CASSETTE WITH OTHER SYSTEM MODULES The method of connecting the modular multi-family cassette with the VZA-57A5 power supply module, the VXA-47A5 module and the monitor is shown in Fig. 7.

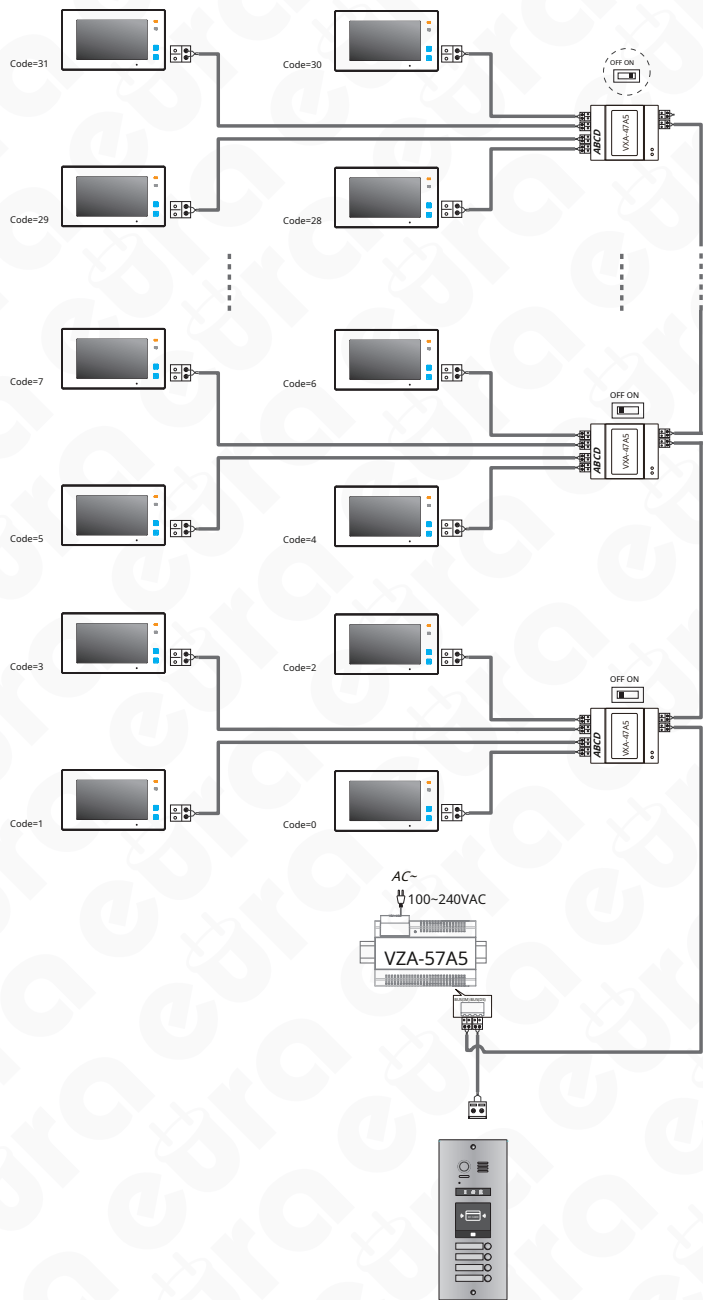


Fig. 7. Connection diagram of a modular cassette with monitors using the VXA-47A5 signal distributor

6.2. DIP-SWITCH SETTINGS DESCRIPTION

The cassette is configured by setting the appropriate DIP switch bits.

- Bit 1 and 2: Responsible for external cassette addresses (max. 4). The first cassette has address 00, the second 01, the third 10, and the fourth 11.
- Bit 3: Determines whether a two-column or single-column tenant list module is installed in the cassette. no-column. For a two-column module, bit 3 should be set to 0, and for a single-column module to 1.
- Bit 4: Possibility of custom programming of cassette encoding buttons, for-thoughtfully 0.
- Bit 5: Responsible for the release time of the electromagnetic lock, default value 0 to 1 second. Setting the bit to position 1 corresponds to 5 seconds of bolt release (it is possible to change it in the device settings using the VXA-64A5 keyboard).
- Bit 6: Activation of control buttons A and B (invisible) in the camera module, default to 0 (inactive). To activate buttons A and B, set the value to 1.

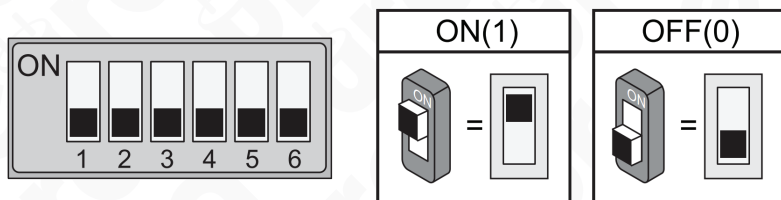


Fig. 8. Switch in the ON and OFF positions

6.3. LOCK CONNECTION DIAGRAMS

It is possible to power the electromagnetic lock alternatively from:

- internal power supply of the system (video intercom power supply), only when using an electromagnetic lock with a rated operating voltage of 12V and current consumption not exceeding 250mA,
- an external (separate) power supply for the electromagnetic lock, in case of using an electromagnetic lock other than the one described above, but with electrical parameters not exceeding 24V/3A (AC or DC).

In the first case (a) it is necessary to leave the lock type jumper in the socket, in the position depending on the lock activation type, i.e.:

- in position "2-3" for standard electromagnetic locks (triggered by a voltage pulse),
- in position "1-2" for reversing electromagnetic locks (triggered by lack of voltage). In the second case (b) it is necessary to remove the lock type jumper from the socket.

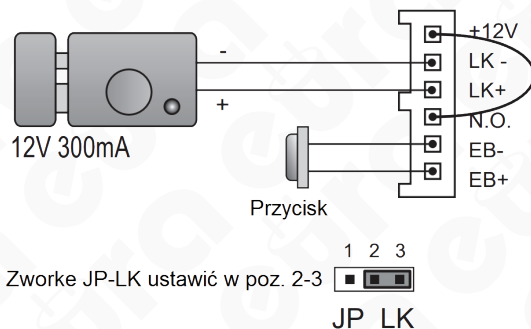


Fig. 9. Connecting the lock to the cassette, standard lock (voltage-triggered), internal power supply

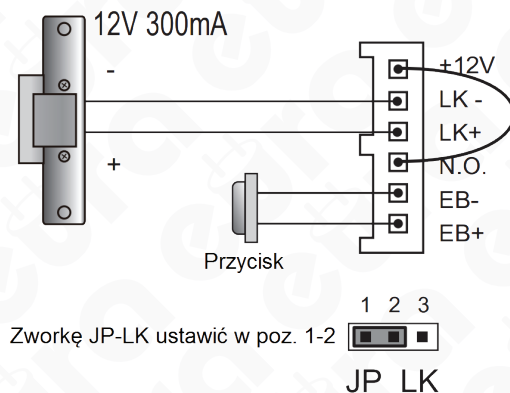


Fig. 10. Connecting the lock to the cassette, reverse lock (triggered by lack of voltage), internal power supply

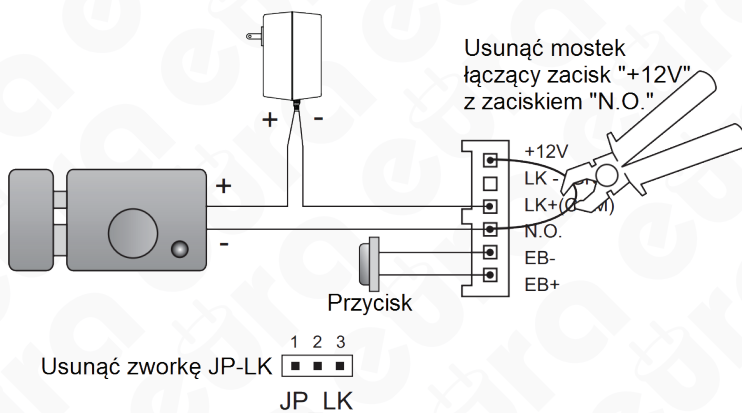


Fig. 11. Connecting the lock to the cassette, standard lock (voltage-triggered), lock powered by an additional power supply

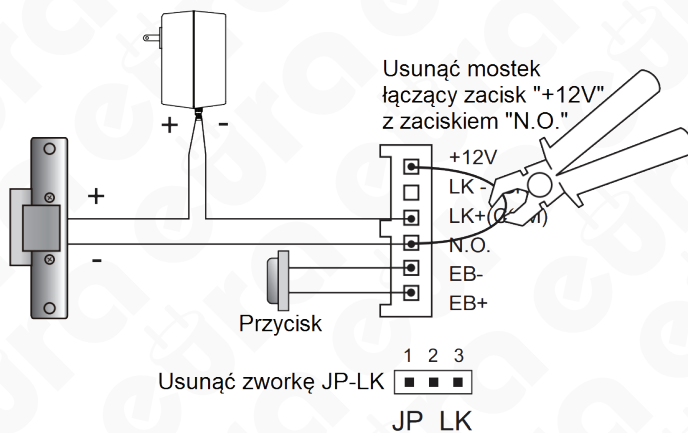


Fig. 12. Connections of the lock to the cassette, reverse lock (triggered by lack of voltage), lock power supply from an additional power supply.

When using standard electromagnetic locks (i.e. those activated by applying a voltage pulse to the lock), the device must be set to the standard lock release mode.

When using reversing electromagnetic bolts (i.e. those which are activated after the voltage on the bolt is lost), the reversing bolt release mode must be set in the device.

7. Module descriptions

7.1. CAMERAS module (Basic module)

7.1.1. Description of the CAMERA module structure

The structure of the camera module along with the arrangement of all external elements is shown in Fig. 13.

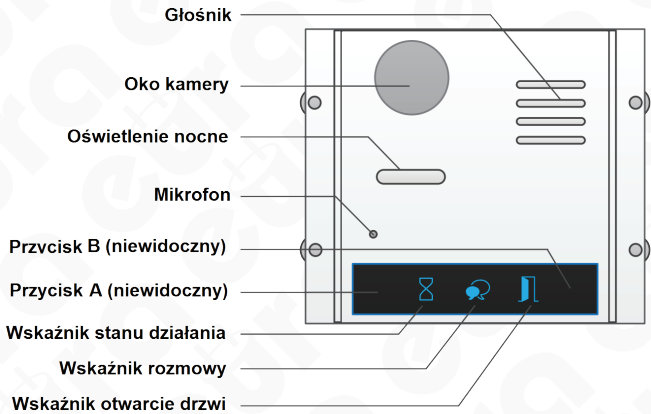


Fig. 13. External structure of the camera module

Attention:

Buttons A and B are not illuminated, and are also inactive. To activate buttons A and B on the back of the module, set the DIP switch to position 6 in the ON (1) configuration.

7.1.2. DESCRIPTION OF EXTERNAL TERMINALS

The description of the external terminals and adjustment elements of the module is shown in Fig. 14.

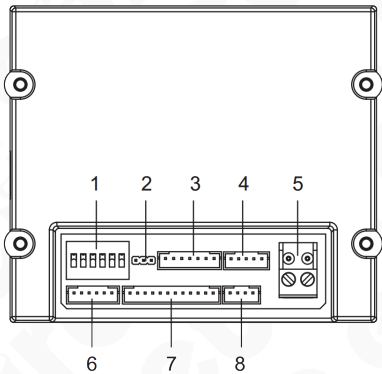


Fig. 14. Camera module terminals

1	DIP switch	DIP switch for main module
2	JP-LK	Lock type jumper - setting depending on the lock type and its power supply (see chapter 6.3)
3	CN/KMB	Port for connecting the call button module
4	CN/T-COIL	Port for connecting the VXA-66A5 business card holder
5	BUS (L1,L2)	Connection to a 2-wire bus, non-polarized (any connection method)
6	CN-LK	Relay contacts and additional exit button
7	CN/FUN	Port for connecting the VXA-64A5 encryptor keyboard module or the VXA-65A5 TFT LCD display
8	CN/WGN	Port for connecting the VXA-63A5 proximity card reader module

Table 1.

7.1.3. CAMERA MODULE CONFIGURATION

Attention:

To enable configuration, the operation of buttons A and B must be activated by setting the DIP switch in position 6 to ON (1).

7.1.3.1. setting the activation type of the electromagnet lock

In the module standby mode, press button A to activate the door open indicator and sound an audible signal.

When using standard electromagnetic bolts (i.e. those where activation occurs after a voltage pulse is applied to the bolt), press button A again. Pressing button A again will change the mode to using a reversing electromagnetic bolt (i.e. those where activation occurs after the voltage on the bolt disappears).

Selecting the standard electromagnet will illuminate the door open indicator icon once. Selecting the reversing electromagnet will illuminate the door open indicator icon twice.

The appearance of the camera module status bar will display icons as shown in Fig. 15. If its VXA-65A5 LCD display module is installed in the external cassette, all the above information will be displayed on the screen.

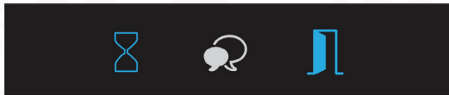


Fig. 15.

7.1.3.2. SETTING THE ELECTROMAGNETIC LOCK RELEASE TIME

In the module standby mode, press button A to activate the door open indicator and sound an audible signal.

The release time of the electromagnetic lock is dependent on pressing and holding button A again. After pressing and holding button A again, the door open indicator will start flashing every 1 second. Each second that passes is a new release time of the electromagnetic lock. For example, if button A was held for 4 seconds, the new release time of the electromagnetic lock is 4 seconds.

The appearance of the camera module status bar will display icons as shown in Figure 16.



Fig. 16.

7.1.3.3. setting the notification melody

To change the melody, press and hold the A button for 3 seconds in standby mode. The camera module status bar will display icons as shown in Fig. 17. The device will start playing the melody. Pressing the A button again will play the next melody in the sequence. Pressing the B button will confirm and end the selection.



Fig. 17.

7.1.3.4. setting the melody volume

To change the melody volume, press the B button in standby mode. The camera module status bar will display icons as shown in Fig. 18. The melody will be played. To increase/decrease the melody volume, press the A button to adjust the selection to your individual needs. Pressing the B button will confirm and end the volume setting. If the VXA-65A5 TFT LCD display module is installed in the external cassette, all the above information will be displayed on its screen.



Fig. 18.

7.1.3.5. SETTING THE CALL VOLUME

To change the conversation volume, press and hold the B button for 3 seconds during a conversation. The camera module status bar will display icons as shown in Fig. 19. To increase/decrease the conversation volume, press the A button to adjust the selection to your individual needs. Pressing the B button will confirm and end the volume setting.



Fig. 19.

7.1.3.6. RESTORE TO DEFAULT SETTINGS

Attention:

After restoring the default settings, all changes made will be undone. This applies to the module ID as well as the VXA-64A5 encryptor keyboard module (even if the module is disconnected when the master is restored to its default settings).

To restore the default settings in the main module, hold down the connected button (contacts EB+, EB-) in standby mode and switch the sixth DIP switch 4 times. A sound will be heard from the speaker, indicating the start of the process of restoring the default settings, and the icons on the module status bar will light up. After another signal from the speaker, the icons will turn off, informing that the entire procedure has been completed.

7.2. VXA-64A5 ENCRYPTOR KEYBOARD MODULE (AVAILABLE SEPARATELY)

7.2.1. VXA-64A5 ENCRYPTOR KEYBOARD MODULE CONSTRUCTION DESCRIPTION

The structure of the VXA-64A5 encryptor keyboard module, along with the arrangement of all external components, is shown in Fig. 20.

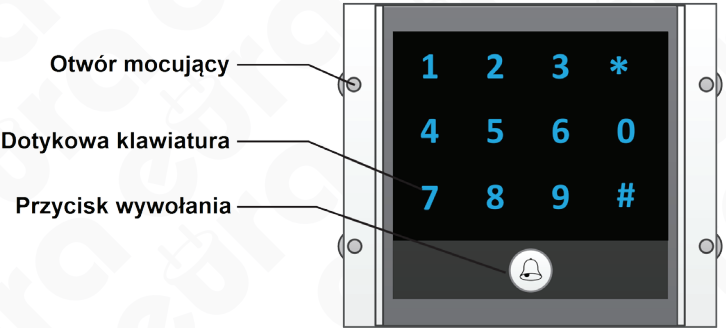


Fig. 20. External structure of the VXA-64A5 encryptor keyboard module

7.2.2. DESCRIPTION OF EXTERNAL TERMINALS

The description of the external terminals and adjustment elements of the module is shown in Fig. 21.

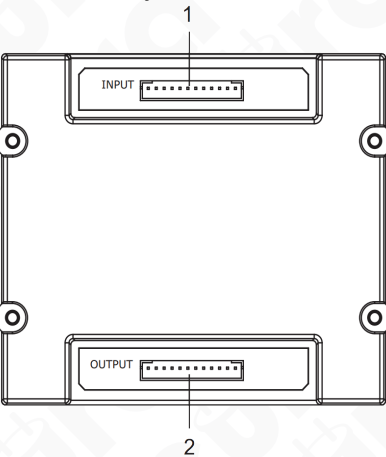


Fig. 21. VXA-64A5 Encryptor Keyboard Module Terminals

1	CN/FUN_IN	Port for connecting the module to the main module port CN/FUN
2	CN/FUN_OUT	Port for connecting the VXA-65A5 LCD display module

Table 2.

7.2.3. TENANT CALL AND ACCESS TO THE PROPERTY

Visitors can call a specific tenant by selecting the apartment number from the numeric keypad. After selecting from the list of tenants, press to initiate the call (Fig. 22).



Fig. 22.

The tenant can enter the property using their own access code (#4-PIN#).



Fig. 23.

7.2.4. CONFIGURATION OF THE RAVXA-64A5 TOUCH KEYBOARD CIRCUIT MODULE

7.2.4.1. ENTERING PROGRAMMING MODE

To properly configure an external cassette equipped with a VXA-64A5 encryptor keyboard module, you must enter its programming mode. To do this, first enter the default installer code "1234" in the cassette standby mode, and then press the "#" key.

Attention:

- 1. Each operation must be confirmed with the "#" key. The change is canceled with the "*" key. Both situations will be signaled by a sound from the speaker.
- 2. No operation within 10 seconds will cause the cassette to return to standby mode, with an audible indication.
- 3. Failure of the operation will be signaled by a sound from the speaker.

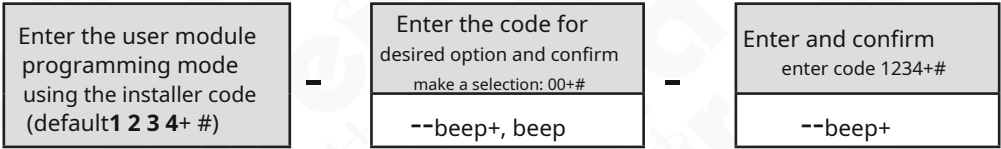
7.2.4.2. AVAILABLE SETTING FUNCTIONS

Function	Parameters	Factory settings	Code
Factory reset	Installer code after reset:1234	-	00
Installer Code Setting	1~12 digits digits 0 to 9	1234	01
Setting the key backlight time	00: continuous backlight 10 to 99: seconds of key illumination	10 seconds	02
Setting the release time of the electric lock magnetic	From 1 to 99 seconds	1 second	03
Setting the electromagnetic lock type nego	0: Normal type bolt 1: Lock type bolt reversible	Normal	04
Setting the response to key touch	0 (ON): Keys make a sound 1 (OFF): Keys light up once	0: Enabled	05
Reset of entered user codes nothing	Installer code after reset:1234	-	06
Setting the operation of the "#" and "*" keys	0: Normal (# approves, * cancels) 1: Reverse (* approves, # cancels)	Normally	07
Functioning of the call button on module keyboard	0: Enabled 1: Off	0: Enabled	08
Setting the level of resistance to interference	numbers from 0 to 5	2	09
Speaker volume setting	numbers from 0 to 9	4	11
Key illumination level	numbers from 0 to 5	4	13
Reserved	Reserved	Reserved	14~17
Setting a temporary access code for the first electric bolt	1~12 digits numbers from 0 to 9	-	18
Setting a temporary access code for the second electric bolt	1~12 digits numbers from 0 to 9	-	19
Set group code for the first electric bolt	1~12 digits max 40 codes numbers from 0 to 9	-	20~59
Set group code for the second electric bolt	1~12 digits max 40 codes numbers from 0 to 9	-	60~99

Table 3.

7.2.4.3. RESTORE FACTORY SETTINGS

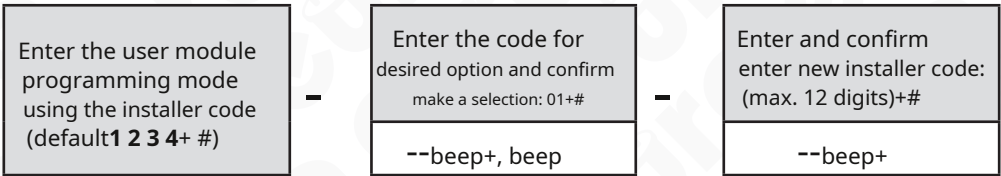
Follow these steps to restore the VXA-64A5 keyboard module to its factory settings.



During the entire restore operation, the keys will flash until the entire process is complete. Do not touch the flashing keys during the entire operation.

7.2.4.4. SETTING THE INSTALLER CODE

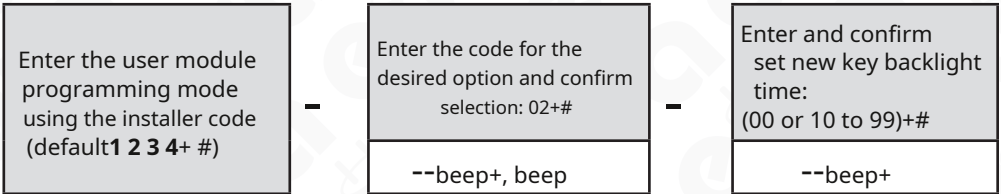
Follow the steps below to set the installer code (default is 1234).



After purchase, the manufacturer recommends changing the installer code. Do not set two identical codes, both the installer code and the user code.

7.2.4.5. KEY BACKLIGHT TIME SETTINGS

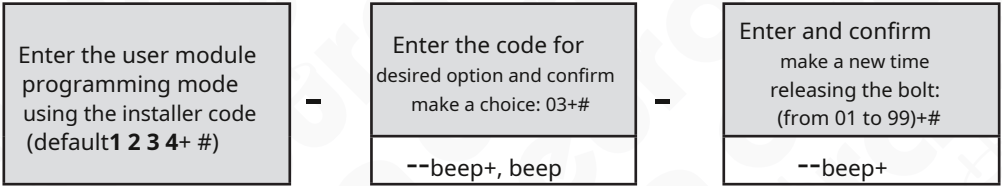
Follow the steps below to set the backlight time of the VXA-64A5 encryptor keyboard module keys (default is 10 seconds).



Entering the value 00 will enable the module's keyboard keys to be continuously illuminated. Setting the value from 10 to 99 will cause the key backlight to turn on for the desired number of seconds.

7.2.4.6. SETTING THE LOCK RELEASE TIME

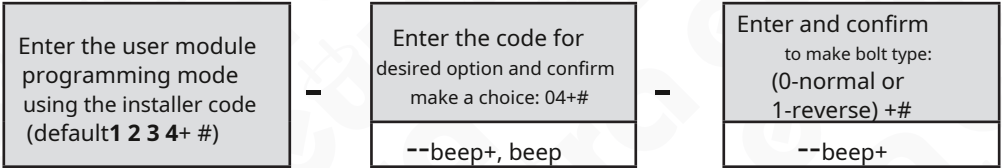
Follow the steps below to change the release time of the electromagnetic lock (default is 1 second).



It is possible to set the release time of the electromagnetic lock both in the cassette and from the monitor position (selected models). The set value is the one entered at the very end.

7.2.4.7. ELECTROMAGNETIC LOCK TYPE SETTINGS

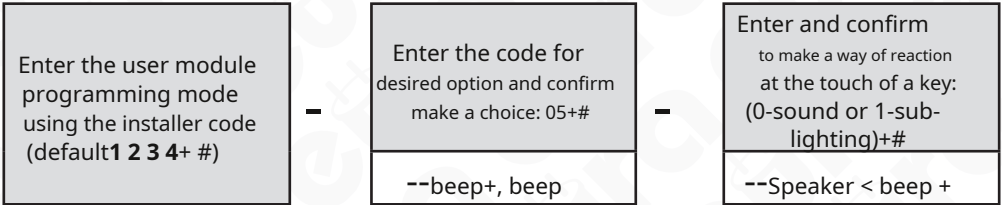
The following steps should be performed to change the type of electromagnetic lock (factory setting 0 - normal lock).



It is possible to set the type of electromagnetic lock both in the cassette and from the monitor position (selected models). The set value is the one entered at the very end.

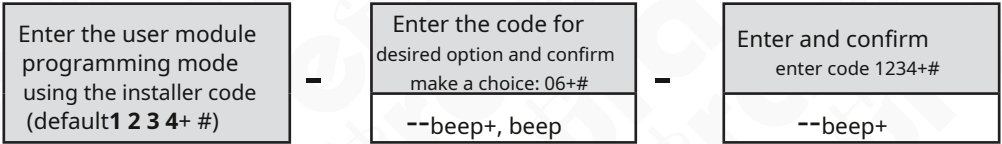
7.2.4.8. SETTINGS FOR THE MODULE'S KEY TOUCH RESPONSE

Follow the steps below to change the touch response of the VXA-64A5 encryptor keyboard module (default 0 - ON).



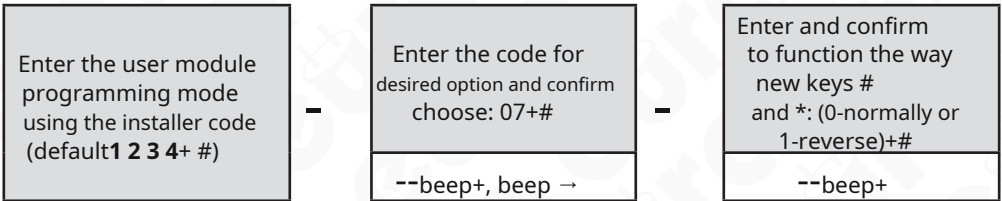
Setting 0 (ON) will cause the speaker to beep each time a key on the VXA-64A5 Encryptor Keypad Module is touched. Setting the value to 1 (OFF) will disable the beeping and illuminate the VXA-64A5 Encryptor Keypad Module keys that have already been touched.

7.2.4.9. RESETTING ENTERED USER CODES Follow the steps below to delete all entered user codes, except the installer code (this will be set to "1234").



7.2.4.10. # and * KEY OPERATION SETTINGS

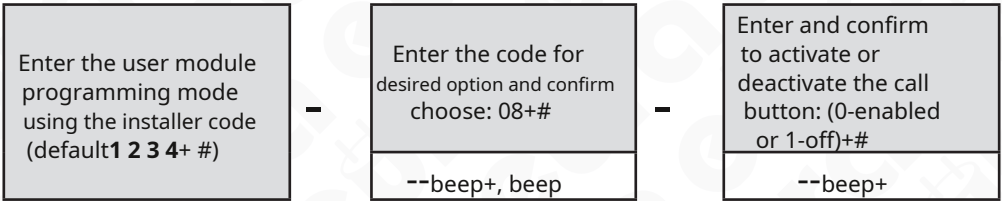
The following steps should be performed to change the functionality of the "#" and "*" keys on the VXA-64A5 encryptor keyboard module (default 0 - Normal).



Setting 0 (normal) will cause each operation to be confirmed with the "#" key, and any changes to be canceled using the "*" key. Setting 1 (reverse) will cause each operation to be confirmed with the "*" key, and any changes to be canceled using the "#" key.

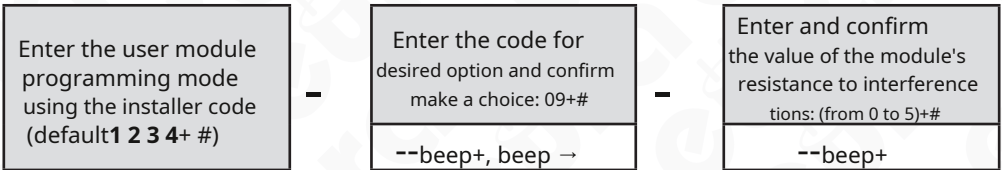
7.2.4.11. CALL BUTTON OPERATION SETTINGS

The following steps should be performed to enable or disable the call button functionality in the VXA-64A5 encryptor keypad module (default 0 - enabled).



7.2.4.12. INTERFERENCE IMMUNITY LEVEL SETTINGS

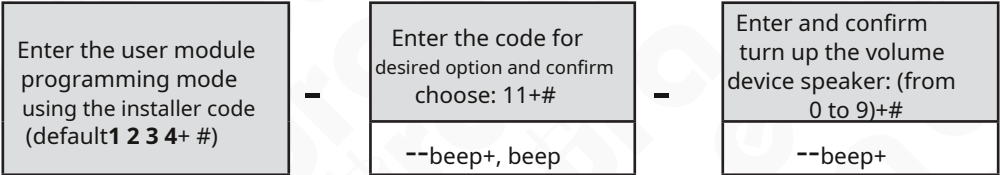
Follow the steps below to adjust the interference level of the VXA-64A5 encryptor keypad module (default 2).



The higher the value, the greater the module's resistance to interference, but the weaker the touch sensitivity of the VXA-64A5 encryptor keyboard. Entering the degree of resistance to interference is also a way to activate diagnostics of the keyboard's correct operation.

7.2.4.13. VOLUME LEVEL SETTINGS

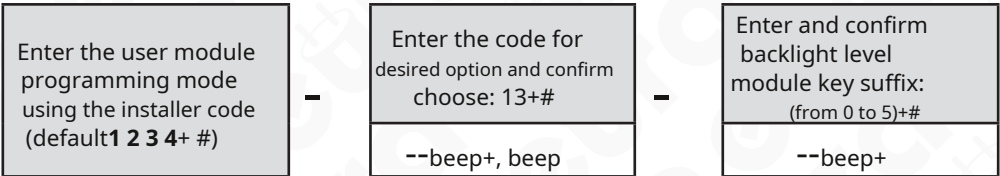
Follow the steps below to adjust the volume of the device's speaker (default 4).



Once the connection has been established and the conversation is ongoing, it is still possible to enter the property using the code on the keyboard.
It is possible to adjust the volume during a call. After starting the call, enter the installer code and then adjust it using key 3 (louder) or 6 (quieter).

7.2.4.14. KEY BACKLIGHT LEVEL SETTINGS

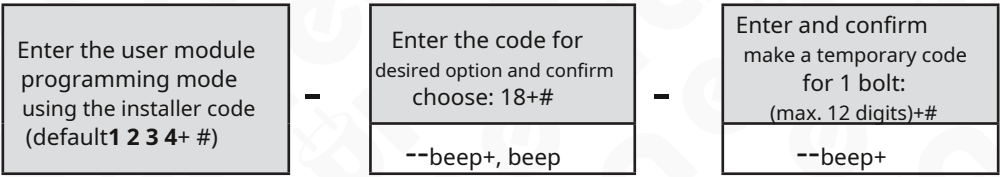
Follow the steps below to adjust the key backlight level of the VXA-64A5 encryptor touch keypad module (default 4).



The higher the value, the stronger the backlighting of the VXA-64A5 module keyboard keys.

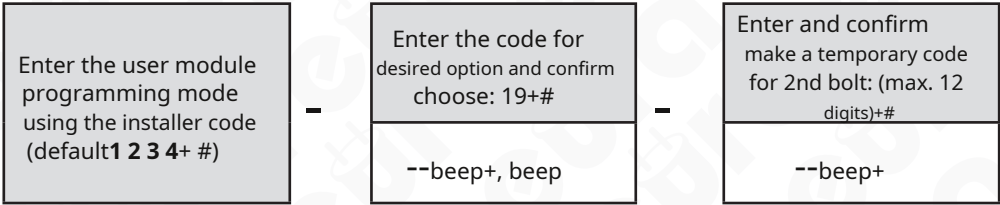
7.2.4.15. SETTING A TEMPORARY ACCESS CODE FOR 1 LOCK

Follow the steps below to set a temporary access code for the first electric lock.



After the first correct entry of the temporary code to enter the property, it remains valid in the device's memory for the next 60 seconds. The temporary access code cannot be the same as the installer's code and its length cannot exceed 12 digits.

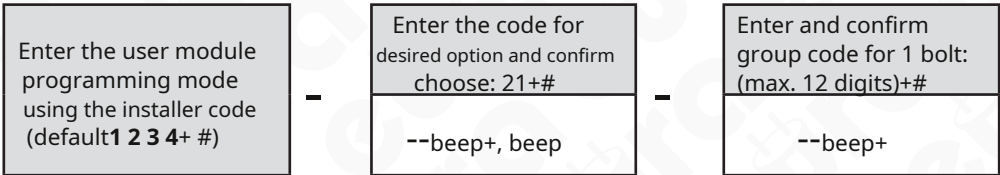
7.2.4.16. SETTING A TEMPORARY ACCESS CODE FOR 2 LOCKS Follow the steps below to set a temporary access code for the second electric lock.



After the first correct entry of the temporary code to enter the property, its validity remains in the device's memory for the next 60 seconds. The temporary access code cannot be the same as the installer's code and its length cannot exceed 12 digits. Enabling the operation of a second deadbolt requires the use of an additional VXA-70A5 module (available separately).

7.2.4.17. GROUP CODE SETTINGS FOR 1 LOCK

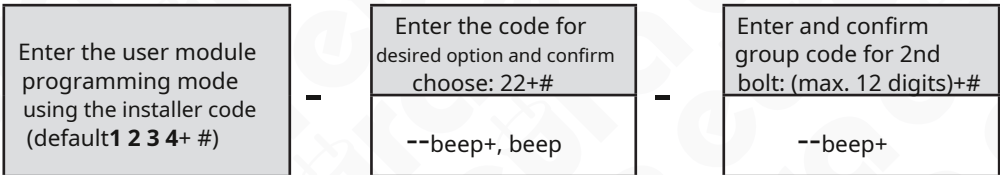
Follow the steps below to set the group access code for the first electric lock.



The group access code setting that operates the first deadbolt contains a group of 40 user codes. The group code cannot be the same as the installer code or the temporary code, and its length cannot exceed 12 digits.

7.2.4.18. GROUP CODE SETTINGS FOR 2 LOCKS

Follow the steps below to set a group access code for the second electric lock.



The group access code setting, which operates the second deadbolt, contains a group of 40 user codes. The group code cannot be the same as the installer code or the temporary code, and cannot exceed 12 digits in length. To enable the second deadbolt, an additional VXA-70A5 module (available separately) is required.

7.3. LCD DISPLAY MODULE VXA-65A5 (AVAILABLE SEPARATELY)

The VXA-65A5 LCD display module is a 3.5" screen with three buttons. It allows for visual configuration and operation of the device, significantly facilitating and accelerating the work of users and installers, minimizing errors in the changes introduced.

7.3.1. Construction description of the VXA-65A5 LCD DISPLAY MODULE

The structure of the LCD display module along with the arrangement of all external components is shown in Fig. 23.

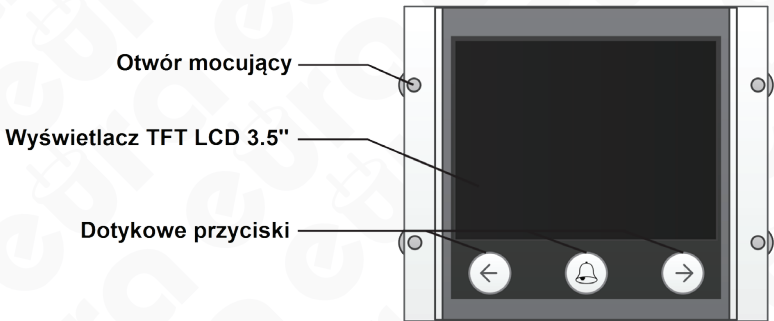


Fig. 23. External structure of the VXA-65A5 LCD display module

7.3.2. DESCRIPTION OF EXTERNAL TERMINALS

The description of the external terminals and adjustment elements of the module is shown in Fig. 24.

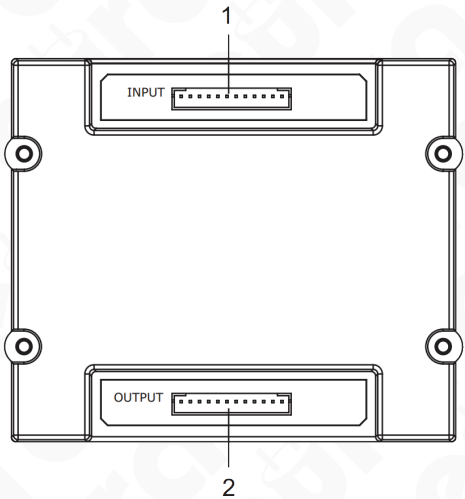


Fig. 24. VXA-65A5 LCD display module terminals

1	CN/FUN_IN	Port for connecting the module to the main module port CN/FUN
2	CN/FUN_OUT	Port for connecting the VXA-64A5 encryptor keyboard module

Table 4.

7.3.3. TENANT CALL AND ACCESS TO THE PROPERTY

7.3.3.1. SELECTING A LOCATOR FROM THE LIST USING THE AVXA-65A5 DISPLAY MODULE

To establish a connection, touch the button in the standby mode of the device to display the list of tenants. Using the <- or -> buttons, select the tenant and confirm make a selection using the button.



Fig. 25. Calling a locator from the VXA-65A5 LCD display module

7.3.3.2. SELECTING A LOCATOR FROM THE LIST USING THE VXA-64A5 ENCRYPTOR KEYBOARD MODULE

To establish a connection, enter the desired number in the device standby mode. premises and press on the encryptor keyboard module.



Fig. 26. Calling a locator from the VXA-64A5 keyboard module

7.3.3.3. ACCESS TO THE PROPERTY BY ACCESS CODE (VXA-64A5 ENCRYPTOR KEYBOARD MODULE REQUIRED)

In order to enter the property using a code, press the "#" key in the device's standby mode, enter the correct access code and confirm by pressing the "#" key.



Fig. 27. Access to the property using an access code

7.3.3.4. ACCESS TO SETTINGS USING THE VXA-64A5 ENCRYPTOR KEYBOARD MODULE

To configure the device, press the "#" key in standby mode and enter the installer code. The VXA-65A5 LCD screen will display a list of setting functions, described in the section dedicated to the VXA-64A5 encryptor keypad module.



Fig. 28. Access to device settings using the VXA-64A5 encryptor keyboard module

7.3.3.5. ACCESS TO PROPERTY USING ID CARDS (VXA-63A5 PROXIMITY CARD READER MODULE REQUIRED)

In order to enter the premises using an ID card, in the device's standby mode, bring the previously programmed user ID card close to the VXA-63A5 proximity card reader module.

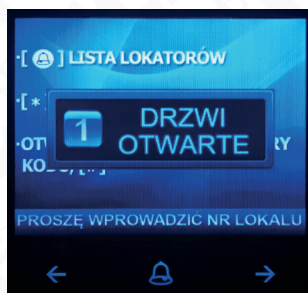


Fig. 29. Access to the property using an ID card

7.4. VXA-63A5 PROXIMITY CARD READER MODULE (AVAILABLE SEPARATELY) The VXA-63A5 proximity card reader module with two master cards allows for adding and deleting 320 users with ID cards to the device. The ease of managing the entire process is facilitated by the visual and acoustic signaling of the VXA-63A5 module. Adding and deleting user ID cards is done by previously reading master cards, one of which is used to add new user ID cards, and the other to delete them from the device memory.

7.4.1. Construction description of the VXA-63A5 proximity card reader module The structure of the proximity card reader module along with the arrangement of all external elements is shown in Fig. 30.

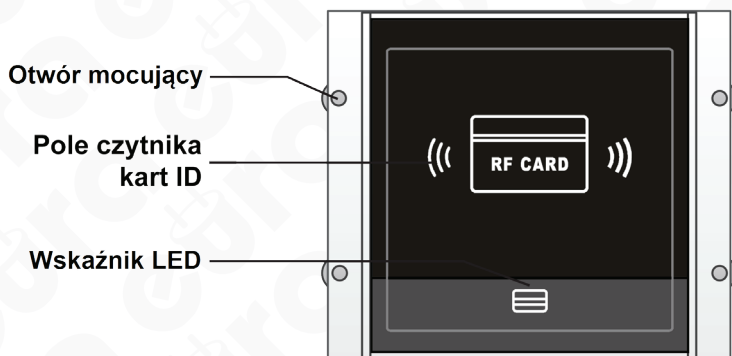


Fig. 30. External structure of the VXA-63A5 proximity card reader module

7.4.2. DESCRIPTION OF EXTERNAL TERMINALS

The description of the external terminals and adjustment elements of the module is shown in Fig. 31.

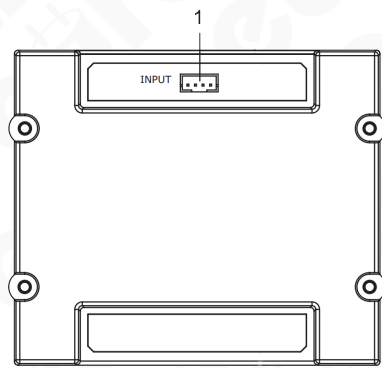


Fig. 31. VXA-63A5 proximity card reader module terminals

1	JWGN1	Port for connecting the module to the main module port CN/WGN
---	-------	---

Table 5.

7.4.3. ID CARD READER MODULE CONFIGURATION

7.4.3.1. MASTER CARD SETTINGS

To operate the VXA-63A5 proximity card reader module, you must register two ID cards as master cards - one to register user cards and the other to delete them.

To register an ID card as a master card, hold down the connected additional exit button (EB+ and EB- contacts) until you hear an audible signal and the door open indicator appears in the status bar on the main module (Fig. 32).



Fig. 32.

Then switch DIP switch 4 four times until you hear a sound signal. The main module status bar will look like shown in Fig. 33.

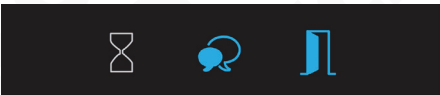


Fig. 33.

First, you need to bring the card that will act as the master card to the VXA-63A5 proximity card reader module, allowing you to add other ID cards to the device's memory. After bringing the card closer, a sound signal will be heard, and the status bar of the main module will flash. will look as shown in Figure 34.

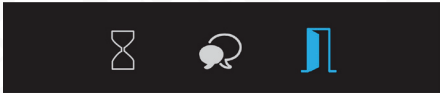


Fig. 34.

Finally, the card that will act as a master card, enabling the removal of other ID cards from the device's memory, should be brought close to the VXA-63A5 proximity card reader module. After bringing the card close, a sound signal will be heard and all indicators on the main module's status bar will go out. After 10 seconds of this operation, the enabling process will end. registering master cards.

7.4.3.2. REGISTERING USER CARDS

In order to register new user ID cards, first hold down the connected additional exit button (EB+ and EB- contacts) until you hear an audible signal. and the door open indicator on the main module status bar (Fig. 35).



Fig. 35.

Then, the master card should be placed near the VXA-63A5 proximity card reader module, which allows adding other ID cards to the device's memory. After placing the ID card near, a signal will be displayed sound, and the main module status bar will look as shown in Fig. 36.



Fig. 36.

The next step is to enter the apartment number (default 0) to which the new user ID card will be assigned (VXA-64A5 encryptor keypad module or VXA-65A5 LCD display module required). Bring the new user ID card close to the VXA-63A5 proximity card reader module (it is possible to assign more ID cards to one apartment). The device will generate an audible signal, the conversation indicator on the bar will flash

The main module status indicator will flash each time a new ID card is inserted (Fig. 37).



Fig. 37.

To complete the process of registering new user ID cards, you must once again bring the master card near the VXA-63A5 proximity card reader, which allows you to add ID cards to the device's memory. After bringing the master card near, a sound signal will be heard and all indicators on the main module status bar will go out. After 10 seconds from this operation, the the process of registering user ID cards ends.

7.4.3.3. DELETING USER ID CARDS

To delete user ID cards from the device's memory, first hold down the additionally connected exit button (EB+ and EB- contacts) until you hear an audible signal and the door open indicator appears on the main module status bar (Fig. 38).



Fig. 38.

Then, the master card should be brought close to the VXA-63A5 proximity card reader module, which allows deleting other ID cards from the device's memory. After bringing the ID card close, a sound signal will be heard.

There are two ways to delete user ID cards.

1. Deleting all cards assigned to a given apartment number - to do this, enter the apartment code, which will result in an audible signal and the lighting up of the open door indicator on the main module status bar.
2. Indication to remove a specific user ID card - to do this, bring the user ID card close to the VXA-63A5 proximity card module reader, which will cause an audible signal to sound and the door open indicator on the main module status bar to illuminate.

To complete the process of deleting user ID cards, you must once again bring the master card allowing you to delete ID cards from the device's memory close to the VXA-63A5 proximity card reader. After bringing the master card close, a sound signal will be heard and all indicators on the main module status bar will go out. After 10 seconds from this operation, the process allowing you to delete user ID cards will end.

Attention:

Master ID cards should not be removed.

7.4.3.4. ERASING ALL ID CARDS FROM THE DEVICE MEMORY

To delete all user ID cards from the device's memory, first hold down the connected additional exit button (EB+ and EB- contacts) until you hear an audible signal and the door open indicator appears on the main module's status bar.

Then, the master card should be brought close to the VXA-63A5 proximity card reader module, which allows deleting other ID cards from the device's memory. After bringing the ID card close, a sound signal will be heard and the main module status bar will look like shown in Fig. 39.



Fig. 39.

Then, the master card should be placed near the VXA-63A5 proximity card reader module, which allows adding other ID cards to the device's memory. After placing the ID card near, a sound signal will be heard, and the main module status bar will look as shown in Fig. 40.



Fig. 40.

The last step is to re-approach the VXA- proximity card reader module.
- 63A5 ID master card, allowing you to add other ID cards to the device's memory. When you bring the ID card closer, a sound signal will be heard and the door open indicator will blink on the main module's status bar. After 10 seconds from this operation, the entire process of deleting all ID cards from the device's memory will be completed.

7.4.4. SUMMARY OF COMBINATIONS OF MODULES IN A MULTITANATOR CASSETTE

To fully utilize the functionality of the VXA-63A5 proximity card reader module, three sample sets of multi-location cassettes and the functions that can be implemented are presented below.

- 1. LCD display module cassette VXA-65A5 (Fig. 41).
This combination enables the observation of information related to operations performed on ID cards, in particular master ID cards, adding and removing user ID cards.

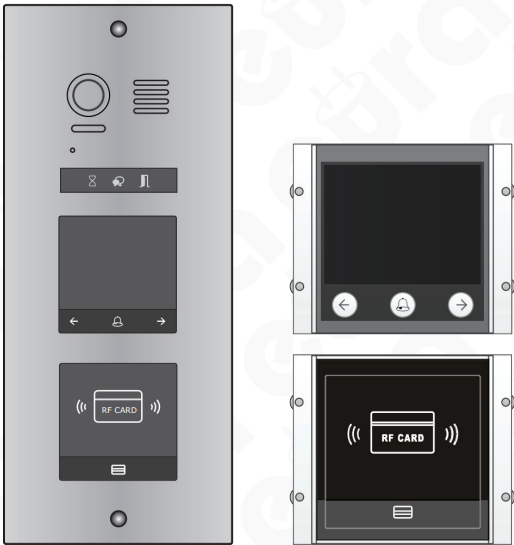


Fig. 41.

- 2. VDA-94A5, cassette with VXA-64A5 encryptor keyboard module (Fig. 42).

This combination facilitates all operations related to the need to provide the apartment number, in particular adding and removing user ID cards.



Fig. 42.

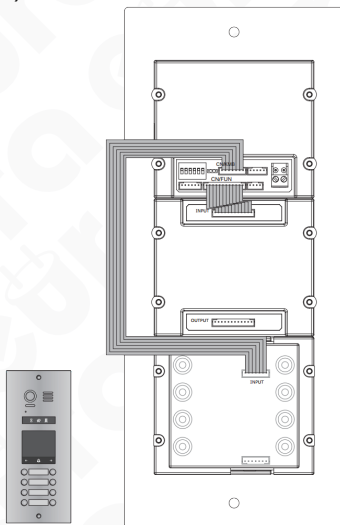
3. VXA-58A5, set of modules with VXA-64A5 encryptor keyboard and VXA-65A5 LCD display (Fig. 43).



Fig. 43.

8.1 VdA-96A5

- main module,
- two-column call button module,
- LCD display module (VXA-65A5).



8.2. VdA-95A5

- main module,
- single-column button module,
- proximity card reader module (VXA-63A5).

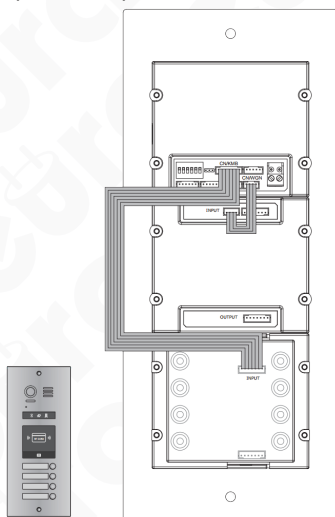


Fig. 45. Connection diagram of the main module, proximity card reader and call buttons

8.3. VdA-94A5

2-frame cassette equipped with:

- main module,
- Encryptor keyboard module (VXA-64A5),
- proximity card reader module (VXA-63A5).

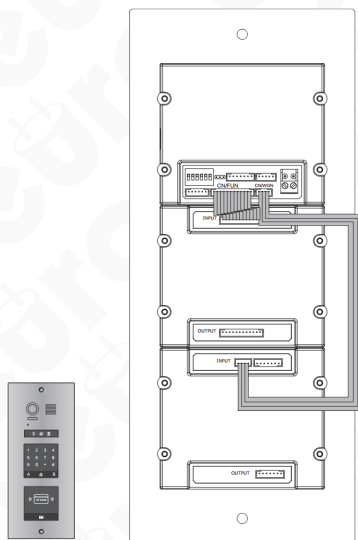


Fig. 46. Connection diagram of the main module, encryptor keyboard and proximity card reader

8.4. VdA-97A5

1-frame integrated cassette with additional panel, equipped with:

- main module,
- two-column button module,
- proximity card reader module (VXA-63A5).

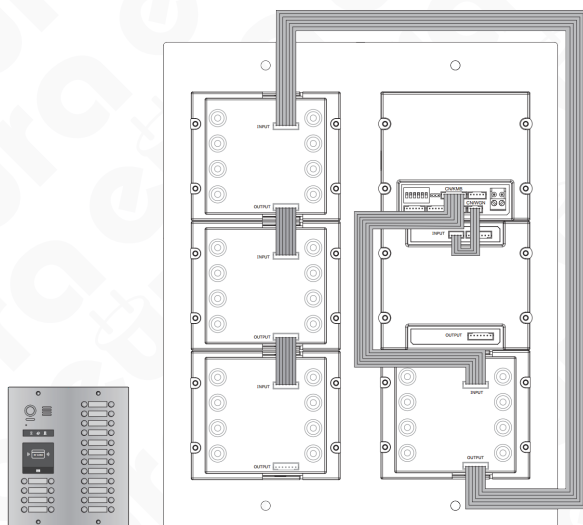


Fig. 47. Connection diagram of the main module, proximity card reader and call buttons

8.4. VdA-98A5

2-frame cassette equipped with:

- main module,
- single-column button module (VXA-59A5),
- LCD display module (VXA-65A5),
- Encryptor keyboard module (VXA-64A5)
- proximity card reader module (VXA-63A5).

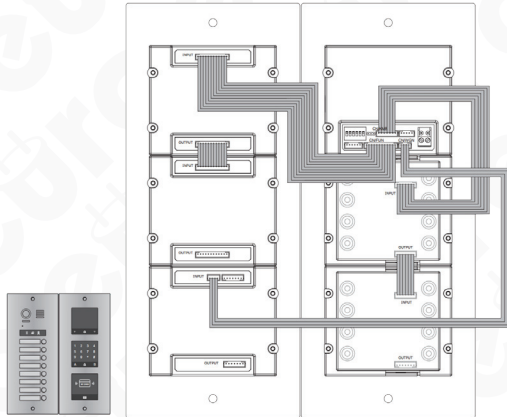


Fig. 48. Connection diagram of the main module, LCD display, encryptor keyboard, card reader proximity and call buttons

9. CONFIGURING STATION SETTINGS

9.1. PREPARING A LIST OF TENANTS

To prepare the tenant list, you will need to use a computer. You will need to create a new text file called "Namelist" and then edit it. Each line should contain five pieces of information in square brackets, as follows:

[001][tenant no. 01][00][00][01]

where the information means:

[001] - setting the ID address for the user's call button in the outdoor station,

[tenant no. 01] - information assigned to a given user, displayed in the display module VXA-65A5 LCD display after selecting the tenant list function – the content of this square bracket can be changed as needed (no Polish characters should be used),

[00] - setting the ID address for the VXA-30A3 module operating in Gateway mode
- if the module is not installed, set the value to 00,

[00] - setting the ID address for the VXA-30A3 module operating in Router mode – if the module is not installed, set the value to 00,

[01] - setting the ID address of the monitor / intercom (using DIP switches), which will be called after selecting from the list of tenants or after pressing the call button on the outdoor station.

For example, the file format for a list of 4 tenants should look like this:

```
[001] [tenant no. 01] [00] [00] [01]
[002] [tenant no. 02] [00] [00] [02]
[003] [tenant no. 03] [00] [00] [03]
[004] [tenant no. 04] [00] [00] [04]
```

This means that after pressing, for example, the third call button at the outdoor station or after selecting the third item from the displayed list of tenants and pressing the button (bell pictogram), an attempt will be made to establish a connection with the monitor with the set ID address 03, and the name "tenant no. 01" will be displayed on the module's screen.

- After editing the file, save it as follows:
- a) in the top bar of the editor, click "File", select "Save as...",
 - b) file name: "Namelist" with the extension ".txt", and below select the encoding: "Unicode" and press "Save".

The created file should be copied to a directory (folder) named "Namelist.bin", which must be created beforehand.

9.2. UPDATE THE TENANT LIST USING THE MICRO SD CARD PORT To update/upload the list of tenants in the outdoor station, prepare a microSD card (formatting it first), then copy the "Namelist.bin" directory along with its contents. After setting the 6th position of the DIP switch in the main module (Fig. 53).

After inserting the micro SD card into the slot (Fig. 54), the device will signal with a sound that a new tenant list is being created, along with the lighting of the conversation indicator on the main module status bar (Fig. 55). After approximately 3 seconds, the device will signal with a sound that the tenant list update process is finished, and the main module status bar will look as shown in Fig. 56.

10. TECHNICAL SPECIFICATION

PARAMETER	VDA-94A5
Supply voltage	26V DC
Video signal parameters	CCIR
Number of connecting wires	2, non-polarized
Number of premises served	80 (keyboard codes), 320 (ID cards)
Screen type	----
Menu language	----
Latch release supply voltage	12VDC, 250mA
Power consumption - standby / operation	1W / 5W
Image resolution	520TVL
Screen size	----
Horizontal camera viewing angle	105°
Camera sensor type	ARS Color
Bolt activation time	1 ~ 99 sec
Housing material	Stainless steel, plastic
Number of relay outputs	1
External cassette installation method	Concealed

Adjusting the camera eye position	NO
Night lighting	3 LEDs (white light)
Proximity reader	Yes
Encryptor	Yes (touch, backlit)
Fingerprint reader	NO
Protective roof	NO
Protection factor	IP44
Operating temperature range	- 18°C ~ +55°C°
External cassette dimensions (H x W x D)	316x133x48mm
Net weight of the cassette	1064 g
Package dimensions (H x W x D)	368x145x77mm
Gross weight of package	1223 g
Package type	Cardboard

PARAMETER	VDA-95A5
Supply voltage	26V DC
Video signal parameters	CCIR
Number of connecting wires	2, non-polarized
Number of premises served	4 (buttons), 320 (ID cards)
Screen type	----
Menu language	----
Latch release supply voltage	12VDC, 250mA
Power consumption - standby / operation	1W / 5W
Image resolution	520TVL
Screen size	----
Horizontal camera viewing angle	105°
Camera sensor type	ARS Color
Bolt activation time	1 ~ 99 sec
Housing material	Stainless steel, plastic
Number of relay outputs	1
External cassette installation method	Concealed
Adjusting the camera eye position	NO
Night lighting	3 LEDs (white light)
Proximity reader	Yes
Encryptor	NO
Fingerprint reader	NO
Protective roof	NO
Protection factor	IP44
Operating temperature range	- 18°C ~ +55°C°
External cassette dimensions (H x W x D)	316x133x48mm
Net weight of the cassette	1090g
Package dimensions (H x W x D)	368x145x77mm
Gross weight of package	1257 g
Package type	Cardboard

PARAMETER	VDA-96A5
Supply voltage	26V DC
Video signal parameters	CCIR
Number of connecting wires	2, non-polarized
Number of premises served	8 (buttons)
Screen type	Color TFT LCD
Menu language	Polish
Latch release supply voltage	12VDC, 250mA
Power consumption - standby / operation	1W / 5W
Image resolution	520TVL
Screen size	3.5"
Horizontal camera viewing angle	105°
Camera sensor type	ARS Color
Bolt activation time	1 ~ 99 sec
Housing material	Stainless steel, plastic
Number of relay outputs	1
External cassette installation method	Concealed
Adjusting the camera eye position	NO
Night lighting	3 LEDs (white light)
Proximity reader	NO
Encryptor	NO
Fingerprint reader	NO
Protective roof	NO
Protection factor	IP44
Operating temperature range	- 18°C ~ +55°C°
External cassette dimensions (H x W x D)	316x133x48mm
Net weight of the cassette	1158 g
Package dimensions (H x W x D)	368x145x77mm
Gross weight of package	1329 g
Package type	Cardboard

PARAMETER	VDA-97A5
Supply voltage	26V DC
Video signal parameters	CCIR
Number of connecting wires	2, non-polarized
Number of premises served	32 (buttons), 320 (ID cards)
Screen type	----
Menu language	----
Latch release supply voltage	12VDC, 250mA
Power consumption - standby / operation	1W / 5W
Image resolution	520TVL
Screen size	----
Horizontal camera viewing angle	105°
Camera sensor type	ARS Color
Bolt activation time	1 ~ 99 sec
Housing material	Stainless steel, plastic
Number of relay outputs	1
External cassette installation method	Concealed

Adjusting the camera eye position	NO
Night lighting	3 LEDs (white light)
Proximity reader	Yes
Encryptor	NO
Fingerprint reader	NO
Protective roof	NO
Protection factor	IP44
Operating temperature range	- 18°C ~ +55°C°
External cassette dimensions (H x W x D)	316x256x48mm
Net weight of the cassette	1982 g
Package dimensions (H x W x D)	340 x 276 x 82mm
Gross weight of package	2373 g
Package type	Cardboard

PARAMETER	VDA-98A5
Supply voltage	26V DC
Video signal parameters	CCIR
Number of connecting wires	2, non-polarized
Number of premises served	8 (buttons)
Screen type	----
Menu language	----
Latch release supply voltage	12VDC, 250mA
Power consumption - standby / operation	1W / 5W
Image resolution	520TVL
Screen size	----
Horizontal camera viewing angle	105°
Camera sensor type	ARS Color
Bolt activation time	1 ~ 99 sec
Housing material	Stainless steel, plastic
Number of relay outputs	1
External cassette installation method	Concealed
Adjusting the camera eye position	NO
Night lighting	3 LEDs (white light)
Proximity reader	NO
Encryptor	NO
Fingerprint reader	NO
Protective roof	NO
Protection factor	IP44
Operating temperature range	- 18°C ~ +55°C°
External cassette dimensions (H x W x D)	316x133x48mm
Net weight of the cassette	1115g
Package dimensions (H x W x D)	368x145x77mm
Gross weight of package	1292 g
Package type	Cardboard

PARAMETER	VDA-99A5
Supply voltage	26V DC
Video signal parameters	CCIR
Number of connecting wires	2, non-polarized
Number of premises served	16 (buttons)
Screen type	----
Menu language	----
Latch release supply voltage	12VDC, 250mA
Power consumption - standby / operation	1W / 5W
Image resolution	520TVL
Screen size	----
Horizontal camera viewing angle	105°
Camera sensor type	ARS Color
Bolt activation time	1 ~ 99 sec
Housing material	Stainless steel, plastic
Number of relay outputs	1
External cassette installation method	Concealed
Adjusting the camera eye position	NO
Night lighting	3 LEDs (white light)
Proximity reader	NO
Encryptor	NO
Fingerprint reader	NO
Protective roof	NO
Protection factor	IP44
Operating temperature range	- 18°C ~ +55°C°
External cassette dimensions (H x W x D)	316x133x48mm
Net weight of the cassette	1156 g
Package dimensions (H x W x D)	368x145x77mm
Gross weight of package	1333 g
Package type	Cardboard

PARAMETER	VXA-58A5
Supply voltage	----
Video signal parameters	----
Number of connecting wires	----
Number of premises served	80 (keyboard codes), 320 (ID cards)
Screen type	Color TFT LCD
Menu language	Polish
Latch release supply voltage	----
Power consumption - standby / operation	----
Image resolution	----
Screen size	3.5"
Horizontal camera viewing angle	----
Camera sensor type	----
Bolt activation time	1 ~ 99 sec
Housing material	Stainless steel, plastic
Number of relay outputs	----
External cassette installation method	Concealed

Adjusting the camera eye position	NO
Night lighting	Lack
Proximity reader	Yes
Encryptor	Yes (touch, backlit)
Fingerprint reader	NO
Protective roof	NO
Protection factor	IP44
Operating temperature range	- 18°C ~ +55°C°
External cassette dimensions (H x W x D)	316x133x48mm
Net weight of the cassette	1001g
Package dimensions (H x W x D)	368x145x77mm
Gross weight of package	1152 g
Package type	Cardboard

PARAMETER	VXA-59A5
Supply voltage	----
Video signal parameters	----
Number of connecting wires	----
Number of premises served	12 (buttons)
Screen type	----
Menu language	----
Latch release supply voltage	----
Power consumption - standby / operation	----
Image resolution	----
Screen size	----
Horizontal camera viewing angle	----
Camera sensor type	----
Bolt activation time	----
Housing material	Stainless steel, plastic
Number of relay outputs	----
External cassette installation method	Concealed
Adjusting the camera eye position	NO
Night lighting	Lack
Proximity reader	NO
Encryptor	NO
Fingerprint reader	NO
Protective roof	NO
Protection factor	IP44
Operating temperature range	- 18°C ~ +55°C°
External cassette dimensions (H x W x D)	316x133x48mm
Net weight of the cassette	1001g
Package dimensions (H x W x D)	368x145x77mm
Gross weight of package	1214 g
Package type	Cardboard

PARAMETER	VXA-63A5, ID CARD READER MODULE
Supply voltage	----
Video signal parameters	----
Number of connecting wires	----
Number of premises served	320
Screen type	----
Menu language	----
Latch release supply voltage	----
Power consumption - standby / operation	----
Image resolution	----
Screen size	----
Horizontal camera viewing angle	----
Camera sensor type	----
Bolt activation time	----
Housing material	Plastic
Number of relay outputs	----
External cassette installation method	----
Adjusting the camera eye position	----
Night lighting	----
Proximity reader	Yes
Encryptor	NO
Fingerprint reader	NO
Protective roof	NO
Protection factor	IP20
Operating temperature range	- 18°C ~ +55°C
External cassette dimensions (H x W x D)	83x99x37mm
Net weight of the cassette	97g
Package dimensions (H x W x D)	98x103x44mm
Gross weight of package	129g
Package type	Cardboard

PARAMETER	VXA-64A5, KEYBOARD MODULE
Supply voltage	----
Video signal parameters	----
Number of connecting wires	----
Number of premises served	80
Screen type	----
Menu language	----
Latch release supply voltage	----
Power consumption - standby / operation	----
Image resolution	----
Screen size	----
Horizontal camera viewing angle	----
Camera sensor type	----
Bolt activation time	1 ~ 99 sec
Housing material	Plastic
Number of relay outputs	----
External cassette installation method	----
Adjusting the camera eye position	----

Night lighting	----
Proximity reader	NO
Encryptor	Yes (touch, backlit)
Fingerprint reader	NO
Protective roof	NO
Protection factor	IP20
Operating temperature range	- 18°C ~ +55°C°
External cassette dimensions (H x W x D)	83x99x37mm
Net weight of the cassette	118g
Package dimensions (H x W x D)	98x103x44mm
Gross weight of package	160g
Package type	Cardboard

PARAMETER	VXA-65A5, DISPLAY MODULE
Supply voltage	----
Video signal parameters	----
Number of connecting wires	----
Number of premises served	----
Screen type	Color TFT LCD
Menu language	Polish
Latch release supply voltage	----
Power consumption - standby / operation	----
Image resolution	----
Screen size	3.5"
Horizontal camera viewing angle	----
Camera sensor type	----
Bolt activation time	----
Housing material	Plastic
Number of relay outputs	----
External cassette installation method	----
Adjusting the camera eye position	----
Night lighting	----
Proximity reader	NO
Encryptor	NO
Fingerprint reader	NO
Protective roof	NO
Protection factor	IP20
Operating temperature range	- 18°C ~ +55°C°
External cassette dimensions (H x W x D)	83x99x37mm
Net weight of the cassette	152g
Package dimensions (H x W x D)	98x103x44mm
Gross weight of package	193g
Package type	Cardboard

PARAMETER	VXA-66A5, CARD HOLDER MODULE
Supply voltage	----
Video signal parameters	----
Number of connecting wires	----

Number of premises served	----
Screen type	----
Menu language	----
Latch release supply voltage	----
Power consumption - standby / operation	----
Image resolution	----
Screen size	3.5"
Horizontal camera viewing angle	----
Camera sensor type	----
Bolt activation time	----
Housing material	Plastic
Number of relay outputs	----
External cassette installation method	----
Adjusting the camera eye position	----
Night lighting	LED (white light)
Proximity reader	NO
Encryptor	NO
Fingerprint reader	NO
Protective roof	NO
Protection factor	IP20
Operating temperature range	- 18°C ~ +55°C
External cassette dimensions (H x W x D)	83x99x37mm
Net weight of the cassette	122g
Package dimensions (H x W x D)	98x103x44mm
Gross weight of package	160g
Package type	Cardboard

WARRANTY CARD

product name: **EXTERNAL CASE
MULTI-FLY**

model:

VDA-98A5	VDA-99A5	VDA-95A5	VDA-96A5
VDA-97A5	VXA-58A5	VXA-59A5	VXA-65A5
VXA-63A5	VXA-66A5	VXA-64A5	

date of sale

point of sale stamp and seller's signature

GENERAL CONDITIONS FOR WARRANTY REPAIRS

1. Eura-Tech Sp. z o. o. with its registered office in Wejherowo at ul. Przemysłowa 35A (hereinafter referred to as the "Guarantor"), guarantees the proper operation of the device indicated in the Warranty (hereinafter referred to as the "Product").
2. The warranty is granted for a period of 24 months, provided that the Product is used in accordance with the technical and operational conditions described in the user manual and accepted standards. The warranty is valid in the territory of the Republic of Poland. For selected products, e.g. carbon monoxide detectors, the warranty period may be longer, which is always specified with the product itself.
3. The rights and obligations of the Guarantor and the Purchaser of the Product are governed by the provisions included in this Guarantee, which the Purchaser should familiarize themselves with before purchasing. The purchase of the Product is tantamount to acceptance of the terms of this Guarantee.
4. The date from which the Warranty period is valid is the date of issue of the sales document recorded in the Warranty Card and the sales document. Defects revealed during the Warranty period will be removed free of charge by the Central Service of Eura-Tech Sp. z o. o. (hereinafter referred to as the "Service").
5. The document confirming the conclusion of the above agreement and thus entitling you to pursue your rights is a correctly completed Warranty Card together with a document confirming the purchase (receipt, VAT invoice). Any changes (smudges, erasures, cross-outs, corrections, etc.) in the Warranty Card invalidate it.
6. In the case of Products without Warranty Cards (e.g. wireless bells, gongs, alarms, detectors and others), the document confirming the conclusion of the contract is the sales document (receipt, VAT invoice).
7. The warranty repair does not cover the activities specified in the Operating Instructions, which the Purchaser is obliged to perform on his own and at his own expense (e.g. installation, configuration, optimal protection against external conditions, maintenance, possible dismantling, etc.).
8. The warranty does not cover:
 - accessories/consumables such as: frames and mounting screws, cables, proximity cards, power supplies with power cables, batteries and accumulators or other elements that are additionally attached to the Products - due to their nature, they have an operational lifespan,
 - mechanical, electrical, chemical and thermal damage or intentional damage to the Product and the defects caused by them,
 - damage and defects resulting from improper use or use inconsistent with the Instructions for Use, user negligence, improper storage or maintenance of the Product, as well as use of the Product contrary to safety regulations and contrary to its intended use,
 - damage to the Product that was not properly secured during transport to the Service (e.g. no transport packaging, failure to wrap the Product properly in protective foil, immobilization of the Product in the packaging, etc.),
 - damage to the Product for which the Purchaser has lost the Warranty Card,
 - damage caused by fire, flood, lightning strike (including indirect lightning), or other natural disasters, unforeseen accidents, liquid flooding, overvoltage in the electrical network, connection to the electrical network in a manner inconsistent with the Operating Instructions,
 - Products that have been modified, changed in design, repaired by breaking the warranty seal or in any other way.
9. The Guarantor provides free spare parts and labor, in accordance with the terms and conditions set out in this Warranty, during the Warranty period specified on the last pages of the User Manual in the "Warranty Terms" section. The Warranty covers only and exclusively Product failures caused by defective parts and/or manufacturing defects.
10. A complaint will only be considered if the Product complained about is delivered to the Service together with:
 - Warranty Card (except for devices listed in point 6),
 - a correctly completed Repair Report Form
 - proof of purchase including the date and place of sale.

11. Opening the device without the express consent of the Service, performing any repairs on your own or in an unauthorized service by unauthorized persons will be the basis for voiding the Warranty.
12. The Buyer is obliged to deliver the damaged Product to the point of sale or directly to the Service. If the complaint is considered justified by the Service, the Product will be sent back to the Buyer after being repaired at the Guarantor's expense, using the courier services with which the Guarantor currently has cooperation (GLS).
13. Delivery of a damaged Product by any forwarding agent at the Guarantor's expense, without prior arrangement with the Service, will result in refusal to accept the package.
14. Any defects or damages to the Product revealed and reported during the Warranty period will be removed free of charge within 14 calendar days. In justified cases, this period may be extended, in which case the Buyer will be informed about the approximate repair time. The repair period begins on the first business day following the day the Product is delivered to the Service.
15. The defective Product or its parts that are replaced become the property of the Service.
16. Before starting any repair, the Service will always inspect and assess the degree of damage to the Product being complained about. If it is found that the Product:
 - is in working order,
 - was installed and connected contrary to the recommendations contained in the Operating Instructions,
 - it was damaged clearly due to the fault of the Buyer,
 - has a broken seal,
 - meets the conditions specified in point 8,then the Service treats such a complaint as unjustified and may charge the Buyer with the costs of transport and diagnosis of the device, in accordance with the Price List for Paid Repair Services applicable at the Service.
17. The Buyer has the right to exchange the Product for another one with the same or similar technical and operational parameters if:
 - during the Warranty period, the Service will carry out 3 repairs, and the Product will still exhibit defects that prevent it from being used as intended,
 - The Service considers that the removal of the defect is impossible or within the time specified in point 14,
 - repair may result in excessive costs for the Service.
18. In extreme cases, after prior consultation with the Buyer, the Service may:
 - extend the repair period for the Product if the required repairs cannot be performed due to unforeseen circumstances, such as: difficulties related to importing the device and/or spare parts, legal regulations preventing the performance of repairs, etc.,
 - decide on the refund in accordance with and on the basis of the price on the purchase invoice, if it is not possible to exchange the Product for another one.
19. Neither the Guarantor nor the Service shall be liable for damage to other devices resulting from a failure of the Product.
20. The Buyer has no right to claim reimbursement of lost profits due to the failure of the Product.
21. Failure to collect the repaired Product after 4 weeks from the repair deadline specified in point 14 will be treated as a free surrender of the Product to the Service. The Service may donate the Product to charity or use parts of it for the needs of the Service.
22. If you suspect that the shipment has been tampered with or that the Product being shipped has been damaged during transport, please follow the procedure below:
 - after receiving the shipment, always check the condition of the packaging in the presence of the forwarding employee (the shipment should be sealed with tape and/or the Service stamp, if it is not or is tampered with in any way, it means that the shipment was opened by unauthorized persons),
 - each time the contents of the shipment should be unpacked and checked in the presence of a forwarding employee, and if any damage to the contents of the package or any shortages are found, an appropriate report should be drawn up together.
23. The Product Warranty does not exclude or limit the buyer's rights resulting from the non-conformity of the goods with the contract.

Central Service Eura-Tech Sp. z o. o.
Przemysłowa 35a
84-200 Wejherowo
Mon. - Fri. 08:00 - 17:00 e-
mail: Serwis@eura-tech.eu

Used electrical or electronic equipment must not be stored (discarded) with other household waste. To avoid harmful effects on the environment and human health, used equipment should be stored in designated places.

For information on where and how to safely store used products, please contact your local authority or waste recycling company – Journal of Laws No. 180 item 1495 of 29/07/2005.

CEC registration number: E0011703W



The EU declaration of conformity for this device can be found here
on the website www.eura-tech.eu



euRA-tech sp. z o. o.

ul. Przemysłowa 35A, 84-200 Wejherowo
www.eura-tech.eu

All rights reserved.

Photos, drawings and texts used in this user manual are the property of "EURA-TECH" Sp. z o. o. Copying, distributing and publishing the entire manual or parts of it are prohibited without the author's consent!