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THIS DOCUMENT IS A QUICK REFERENCE GUIDE. COMPLETE INSTALLATION MANUAL IS AVAILABLE ON THE WEBSITE:

https://www.aat.pl/en/products/6527/NVE-2W_KIT1



PL

NINIEJSZY DOKUMENT JEST SKRÓCONĄ INSTRUKCJĄ INSTALACJI. PEŁNA INSTRUKCJA DOSTĘPNA JEST NA STRONIE:

https://www.aat.pl/pl/products/6527/NVE-2W_KIT1



THE PRODUCT MEETS THE REQUIREMENTS OF THE DIRECTIVE

DIRECTIVE 2014/53/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 April



2014 on the harmonization of the laws of the Member States concerning the making available on the market of radio equipment and repealing Directive 1999/5/EC (OJ L 153, 22.5.2014, pp. 62-106) - known as the RED Directive

DIRECTIVE 2014/30/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of February 26, 2014 on the harmonization of the laws of the Member States relating to electromagnetic compatibility (OJ L 096, 29.3.2014, pp. 79-106, as amended) - referred to as the EMC Directive

DIRECTIVE 2014/35/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of February 26, 2014 on the harmonization of the laws of the Member States relating to the making available on the market of electrical equipment designed for use within certain voltage limits (OJ L 96, 29.3.2014, pp. 357-374) - referred to as the LVD Directive



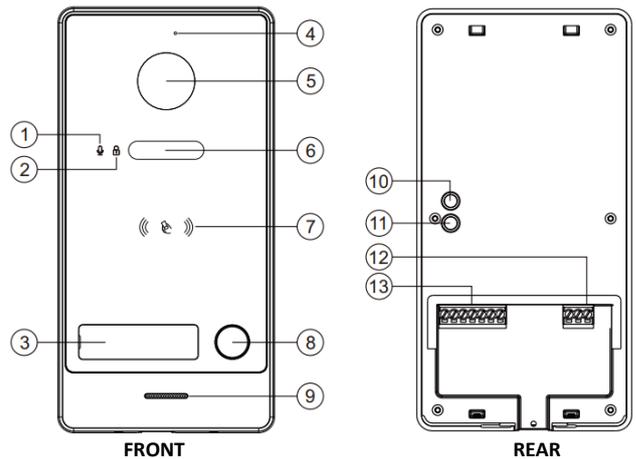
DIRECTIVE 2012/19/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of July 4, 2012 on waste electrical and electronic equipment (WEEE) OJ L 96, 29.3.2014, pp. 79-106, as amended) - referred to as the WEEE Directive



DIRECTIVE 2011/65/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of June 8, 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment (OJ L 174, 1.7.2011, pp. 88-110, as amended) - known as the RoHS Directive

1. Device information

NVE-2W-EPV101P/KIT

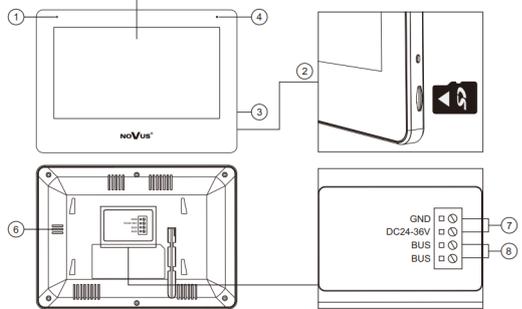


No	Description
1	Call indicator
2	Unlock indicator
3	Nameplate
4	Microphone
5	Camera
6	IR diodes
7	Proximity reader mifare classic standard - 13.56 MHz
8	Call button
9	Speaker
10	RESET button
11	Tamper
12	Terminals
13	

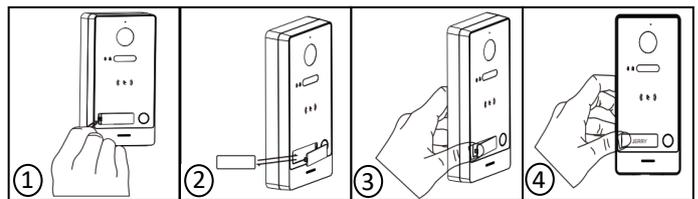
1

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NVE-2W-MV107WIFI-W/KIT



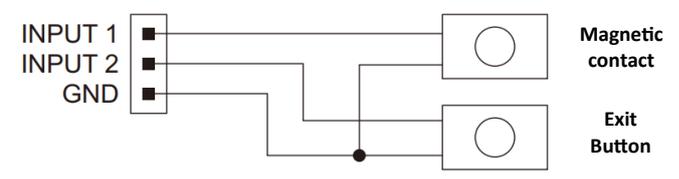
3. Placement of a nameplate



4. System configuration

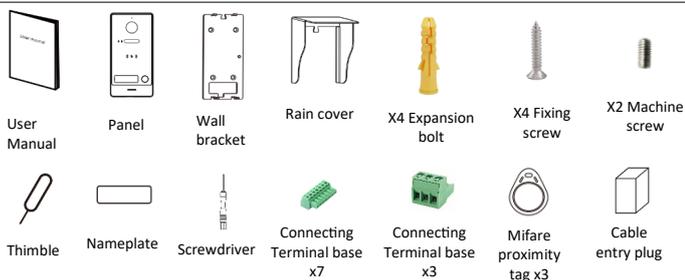
The NVE-2W/KIT1 kit has a function to automatically add an entrance panel to the user's monitor. With the correct cable connection and after power on, wait up to 2-3 minutes for the panel to add itself to the monitor. If the automatic addition of the entrance panel fails, check the cable connection and reset the entrance panel as well as the user monitor.

5. Connection diagram



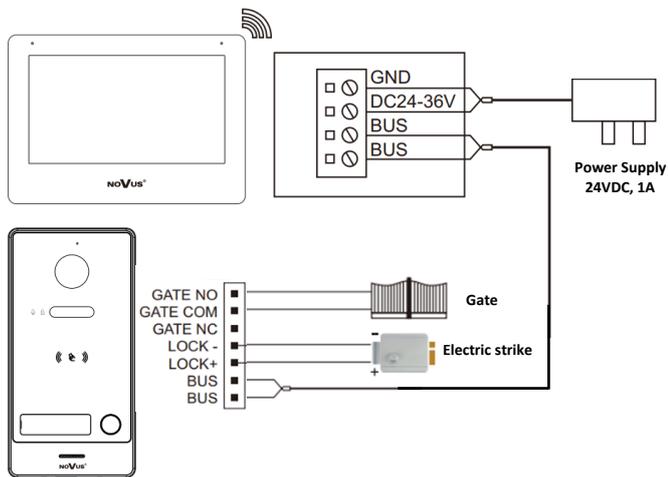
No	Name	Description
1		Microphone
2	MICRO SD card socket	Maximum capacity 512 GB, FAT32 file format, Class 10
3	Power button	Turning the device on/off
4		Indicator
5		IPS display
6		Speaker
7	GND, DC24-36V	DC24V-36V, ≥ 8W
8	BUS, BUS	2-WIRE BUS

2. Package content



3

4



6. Main menu

1		View DVR video recordings.	Click to delete files in batches or click to delete a single photo.
2		View from cameras embedded in entrance panels and IP cameras.	
3		Intercom connection with other monitors in the house or with other houses.	
4		Displaying pictures taken by the entrance panel	Click to delete files in batches or click to delete a single photo.
5		Settings	
6		Monitor brightness	
7		Ringing settings	
8		Time settings	
9		Changing the background	
10		SD card settings. After inserting the SD card, the menu allows you to format SD card memory, internal memory and copy internal memory data to SD card.	
11		Icon identifying the absence of SD card presence. If the card is inserted, the icon will change state to	

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Notes:

- 1) Panels added to the Master monitor will be synchronized with other monitors in the apartment, IP cameras are added separately in all monitors in the apartment.
- 2) IP cameras are added separately in all monitors in the apartment.
- 3) Entrance panels are added immediately, while IP cameras require a login and password.
- 4) If an entrance panel cannot be assigned to a monitor, perform a reset of the panel and refer to its installation instructions for details.

8. RTSP streams

Adding RTSP streams from cameras and DVRs:

You can also add to the monitor, RTSP streams from cameras and DVRs, to do so, press the button (point 7 image 3) and enter the address of the main stream then press to copy the address of the main stream to the address field of the auxiliary stream, make the necessary corrections to the address and press

Configure RTSP streams from entrance panels:

1. The panel must first be added to the monitor.
2. Then go to the monitor settings to "add new devices" and search for available devices using the button
3. An icon will appear next to the panels already added instead of
4. After pressing the button, a new window will appear



5. Enable the RTSP option, after enabling it, the following window will appear.



6. Define a new password.
Default login: admin, default password is admin123.

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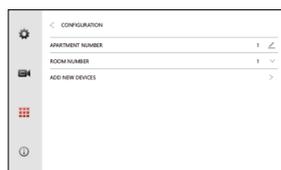
12		The icon identifies the status of the wired connection to the LAN.
13		The icon identifies the status of the WIFI connection
14		The icon identifies the connection to the cloud service. If the service is not in use, the icon will change state to

Changing the background: After inserting the SD card into the monitor, the card will be automatically configured and a "Skin" folder will be created. In the created folder, save a JPG file with a resolution of 1920x1080. The name must not contain Polish diacritical marks, one image can be uploaded. Insert the SD card into the monitor again and click the background change button. The background images will change in a loop with successive presses of the button.

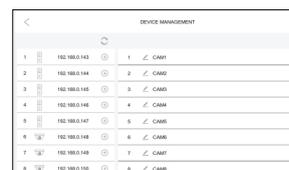
7. Adding and removing IP devices

In order to add / remove entrance panels and IP cameras:

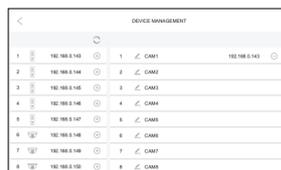
1. In the installer menu after logging in, go to "configuration" then "add new devices".
2. Select the device from the list of found devices and press to add it to your device list.
3. If the entrance panel is single-user, the device will be added immediately. On the other hand, if the input panel is a two-user one, select one of the displayed buttons the one corresponding to the button on the panel.
4. When the device is added correctly, it will be displayed with the address on the right side of the screen.
5. The device can be removed by pressing then "OK". After the device is properly removed, it will no longer be displayed on the right side of the screen.



Picture 1.



Picture 2.



Picture 3.



Picture 4.

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6. After entering the new password, press the confirm button.

RTSP stream paths:

- a) Main stream
rtsp://login:password@addressIP/01/main
example: rtsp:admin:admin123@192.168.1.100/01/main
- b) Auxiliary stream:
rtsp://login:password@addressIP/01/sub
example: rtsp:admin:admin123@192.168.1.100/01/sub

9. Proximity card operation

1. Master card registration

At the first startup, briefly press the RESET button, then the speaker will give a short beep and all status LEDs will flash. When the mifare classic standard card is applied, at the same time, the speaker will give a single beep, this means the Master card is correctly assigned. (Master card does not open the LOCK relay).

2. User card registration

- A. Apply the Master card to the reader, the status LEDs will start flashing. Apply the user card to the reader, then apply the next users' cards one by one as needed. Applying the same user card 2 times in a row will terminate the card assignment operation. The entrance panel will automatically exit the user card enrollment mode, after 30 seconds of inactivity.
- C. Up to 1,000 user cards can be registered to the entrance panel. The tripping distance for the proximity reader is less than 2 cm. Master card is required for adding/deleting users. It should be saved for future use.

3. Deleting the Master card and user cards

- A. Apply the Master card to the reader 4 times in a row, this will delete both the Master card and user cards. After this operation, the panel will give a short beep and all status LEDs will flash. Which means a new Master card can be assigned.
- B. If the Master card is lost, briefly hold the RESET button also this will delete the Master card and user cards.

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4. Opening the door with a card

In normal operation in addition to card assignment, applying a user card will open the door. The default relay opening time is 5 seconds.

NOTE:

Depending on the setting, it is possible to open the LOCK or GATE relay with a card.

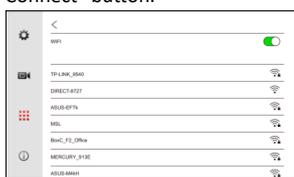
The exit button has the ability to open the LOCK or GATE relay depending on the setting.

10. Wi-Fi connection

In the settings, select the installer menu



Select the WIFI option a window with the searched wireless networks will open. After selecting the network the authentication window will pop up, in the window enter the password to access the network then confirm with "Connect" button.



11. Mobile application

MOBILE APPLICATION:

1. Download the Smart Life or Tuya Smart app from Google Play or Appstore.
2. Register an account and log in.
3. Connection methods:

METHOD 1: Scan the connection code

Steps: Add device / → (In the upper right corner) → Scan the QR code on the monitor (as shown in the image) → Done

METHOD 3:

The call log, which contains calls made, received and missed, allows you to repeat calls. The log can be cleared from the call history.

- 1) Click to enter the call log.
- 2) Click on a call event to make a call again.

ADDING CONTACTS:

1. Click on the monitor's home page to enter the call settings.
2. Then click to enter the contact list.
3. Click to open the add contacts window.
4. Enter the contact name and apartment number, and then click "Confirm".
5. Click on the contact list to edit the contact number. Monitor number is a contact within an apartment / 1+ apartment number is a contact to another apartment / 2+ VOIP number is a contact with a VOIP number.

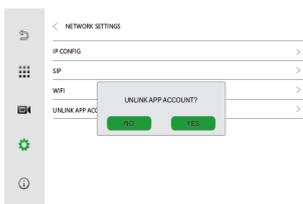
NOTE

If private SIP protocol is used, enter the contact name and apartment number. If the standard SIP protocol is used, enter the contact name and the telephone number of the VOIP account.

13. Removing the monitor from the Smart Life / Tuya Smart

If the monitor is already associated with the Smart Life or Tuya application account to which the user has lost access, it is possible to remotely remove it from the server (cloud).

To do this, select the settings from the home screen, go to the installer menu select "UNLINK APP ACCOUNT" then "UNLINK APP ACCOUNT?".



Note: Any set scenes in the application will be deleted, once the device is removed from the Smart Life / Tuya Smart application.



Note:

Using connection by code scanning, the monitor must be connected to the network with Internet access.

METHOD 2: Wired connection

Steps: Add device/ → Camera and lock → Wireless Camera (Wi-Fi) → QR Code → Cable → Next → → Done.

12. Intercom calls

METHOD 1:

Click on home page of the screen to open the connection interface keyboard.

- I. Connect to a monitor in the same apartment: Enter the monitor number directly. Enter "0" to connect to all monitors in the apartment,
- II. Connection to another apartment: Enter "1+" and the apartment number.



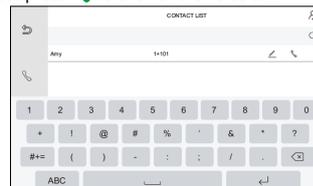
III. SIP/VOIP connection: Enter "2+" and the IP phone number.

NOTE:

When using the standard SIP protocol, the dialed number should be the phone number of the VOIP account.

METHOD 2:

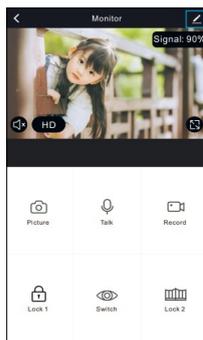
- 1) Click to enter the contact list.
- 2) Click to search for the apartment number from the contact list.
- 3) Click to make a call
- 4) The recipient must press to answer the voice call.



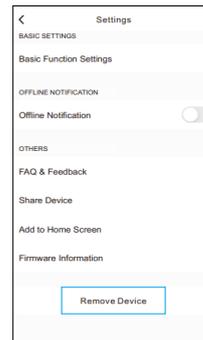
14. Removing the monitor from the Smart Life / Tuya Smart app

If you need to remove the monitor from the Smart Life / Tuya Smart application, you need to:

1. Enter the monitor settings by pressing .
2. Scroll to the very bottom of the list of monitor settings.
3. Select the option to delete the device.
4. Confirm the deletion by pressing confirm.



1.



2.

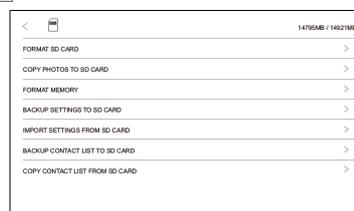


3.

Note: Any set scenes in the app will be deleted, once the device is removed from the Smart Life / Tuya Smart app.

15. Memory settings and backup

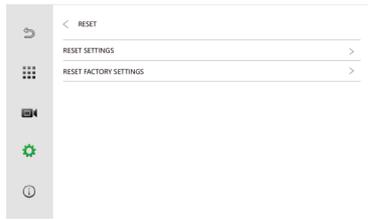
Internal/external memory settings and backup are available from the home screen under the button .



No	Setting	Notes
1	Format SD card	Deleting all files from the SD card and creating a folder database.
2	Copy photos to SD card	Transfer files from the monitor's internal memory to the SD card.
3	Format memory	Delete files stored in the device's internal memory.
4	Backup settings to SD card	Create a file on the SD card with a backup of all monitor settings.
5	Import settings from SD card	Restore all monitor settings from a file on the SD card containing a backup of the monitor settings.
6	Backup contact list to SD card	Create a file on the SD card with a backup of the monitor's contact list.
7	Copy contact list from SD card	Restore the monitor's contact list from a file on the SD card containing a copy of the contact list.

16. Resetting the monitor and panel settings

In order to restore the settings of the monitor, you need to enter the settings then log into the installer menu and select "RESET" option.

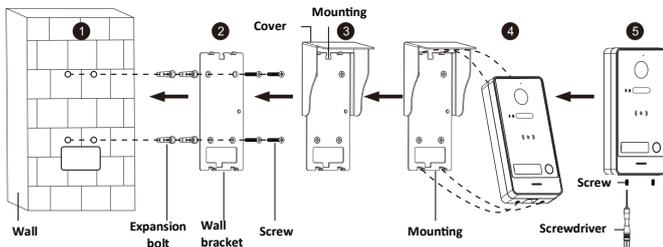


You will have the following reset options to choose from:

No	Option	Notes
1	Reset settings	Reset all settings except location and monitor number, added devices and Wi-Fi settings to default.
2	Reset factory settings	Restore all options to default settings, including monitor location and number, added devices, and Wi-Fi settings.

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- Place the panel in the most convenient position according to the figures on the right. Avoid positions in direct sunlight of the camera and heavily shaded areas.
- The suggested mounting height is 1.5 - 1.6 meters.
- Prepare a hole at the correct height in the wall.
- Remove the wall bracket from the panel.
- Attach the wall bracket using the mounting studs and screws provided.
- Pass the cables through the wall and the bracket, then connect to the panel according to the diagram.
- Mount the panel on the wall bracket with allen screws at the bottom of the panel.

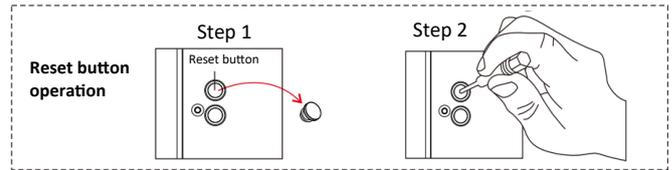


18. Specification of video intercom set

Maximum number of users	1
Operating system	Linux
Viewing angle of the camera	Horizontal: 125°, Vertical: 72°
Video compression standard	H.265 (default), H.264
Noise reduction	3D noise reduction
Additional backlighting	IR
Intercom audio mode	Full duplex
Gate relay	NO/NC (MAX AC/DC30V 4A)
Door relay	NO (MAX 12 V 700mA)

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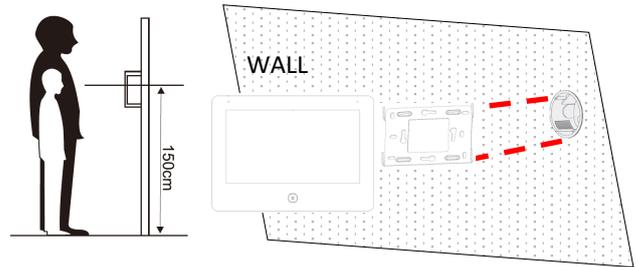
In order to restore the panel settings, you need to:



Note: Press the reset button for 5 seconds until the call button lights up three times and a short beep sounds.

17. Installation of monitor and entrance panel

- Determine the position of the installation, the suggested installation height is 1.5 - 1.6m.
- Carry out the installation on disconnected wires.
- Install the bracket on the wall.
- Connect the wires according to the wiring diagram.
- Mount the monitor on the bracket.
- Turn on the power supply.



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Cable connection type	2-wire bus
RFID	13.56 MHz/mifare classic standard 34bit
	Number of cards supported: 1000
	Card reading distance: $\leq 2\text{cm}$
Power supply	2-wire bus/ DC24V-36V
Monitor memory	Flash 128 MB, RAM 128 MB
	Micro SD card: Max 512GB; (Class 10, FAT32)
Monitor display	Touchscreen with a diagonal of 7" TFT and a resolution of 1024 x 600px
Audio of the monitor	Built-in speaker with omnidirectional microphone; Compression standard: G.711U, compression rate: 64Kbps with noise suppression and echo cancellation function
Network protocols	TCP/IP, RTSP, SIP
Wifi	2.4 GHz 802.11 b/g/n
Panel protection grades	IK07; IP65
Power consumption	Panel: 4.5W Monitor: 7.5W (Max)
Video support	Up to 8 video streams Main stream: Max 5MP 25FPS Secondary stream: Max 1MP 30FPS
Additional features	Tamper alarm, exit button, relay opening selection by card as well as exit button
Working temperature	Panel: -40°C—60°C Monitor: -10°C—50°C
Operating humidity	10%-90% (without condensation)
Dimensions	Panel: 162x82x29mm Monitor: 188x136x22 mm

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