

ViRONE

ENIF VIDEO-DOORPHONE SET

INSTALLATION AND OPERATION MANUAL

VDP-62



INTRODUCTION

Please read this manual carefully before installing and using the device. In case of any problems with understanding its contents, please contact the seller. The device can be installed and started up on its own, provided that the assembler has basic knowledge of electronics and uses appropriate tools. However, it is recommended that the device be installed by qualified personnel.

The manufacturer is not responsible for any damage that can result from improper device installation or operation. Any repair or modification carried out by yourselves results in loss of guarantee.

Due to the fact that the technical data are subject to constant modifications, the Manufacturer reserves the right to make structural and functional changes, etc., resulting from the continuous development of the offered solutions aimed at improving product functionality. This applies in particular to all kinds of external applications, software, etc. Current manuals are available at www.virone.pl.

Orno-Logistic Sp. z o.o. holds no responsibility for the results of non-compliance with the provisions of the present Manual. Any translation/interpretation rights and copyright in relation to this Manual are reserved.

1. *Disconnect the power supply before any activities on the product.*
2. *Do not immerse the device in water or another fluid.*
3. *Do not operate the device when its housing is damaged.*
4. *Do not open the device and do not repair it by yourselves.*
5. *Do not use the device against its intended use.*
6. *Do not install the monitor near devices that emit strong magnetic fields such as TV sets or speakers.*
7. *Do not install the monitor in a location exposed to high humidity, vibration, shock or strong sunlight.*
8. *Do not directly or indirectly touch the internal components of the operating device - danger of injury and/or burn.*
9. *Ensure the free flow of air.*



WARNING

It is forbidden to make connections to powered devices!

Failure to comply with the above recommendations may result in permanent damage to the device.

Each household is a user of electrical and electronic equipment, and hence a potential producer of hazardous waste for humans and the environment, due to the presence of hazardous substances, mixtures and components in the equipment. On the other hand, used equipment is valuable material from which we can recover raw materials such as copper, tin, glass, iron and others.

The waste sign placed on the equipment, packaging or documents attached to it indicates the need for selective collection of waste electrical and electronic equipment. Products so marked, under penalty of fine, cannot be thrown into ordinary garbage along with other waste. The marking means at the same time that the equipment was placed on the market after August 13, 2005. It is the responsibility of the user to hand the used equipment to a designated collection point for proper processing. Used equipment can also be handed over to the seller, if one buys a new product in an amount not greater than the new purchased equipment of the same type. Information on the available collection system of waste electrical equipment can be found in the information desk of the store and in the municipal office or district office. Proper handling of used equipment prevents negative consequences for the environment and human health!



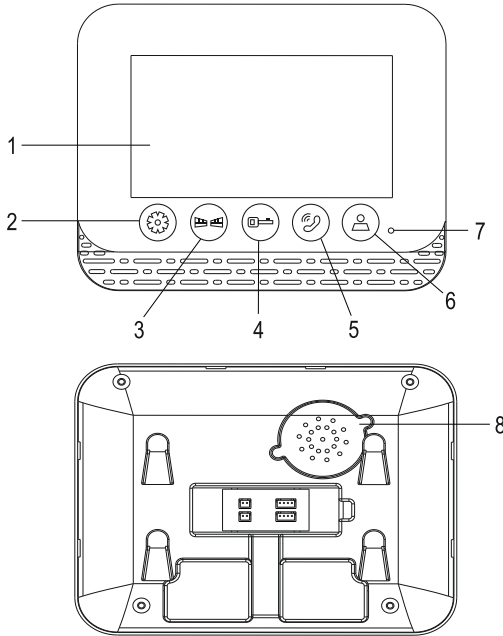
01/2021

DESCRIPTION

- multicolour 4.3" LCD display
- touch buttons
- intercom communication after connection of an additional monitor
- possibility to talk with the visitors outside and follow their live image on the monitor screen
- outdoor panel suitable for surface-mounting (protective hood included to the set)
- direct control of the electric door lock (door/entrance)
- additional gate control
- proximity tags and cards reader (125kHz)
- 4-wire installation
- adjustment of image parameters (brightness, contrast, colour) and talk/call volume
- 6 ringtones to choose from
- fast installation and easy operation of the device
- the set includes: 2 central tags and 4 user tags

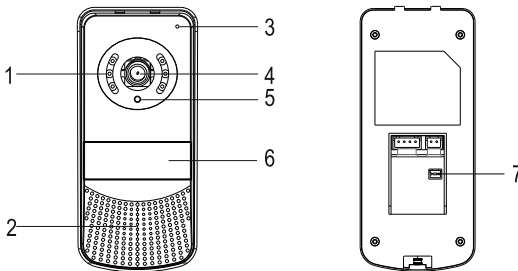
ELEMENTS OF THE SET

1. Monitor



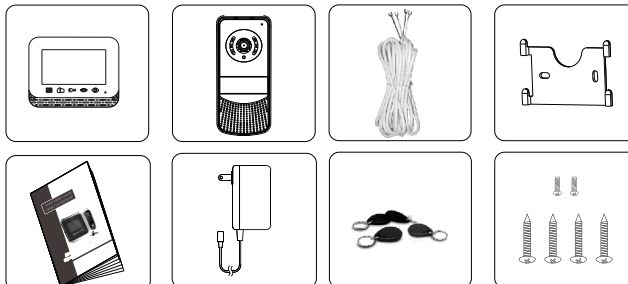
1. Screen
2. Menu
3. Gate control / Intercom between the monitors (standby mode)
4. Door/entrance lock release
5. Talk / navigation button (◀ Menu)
6. Monitoring (standby mode) / navigation button (▶ Menu)
7. Microphone
8. Speaker

2. Outdoor panel



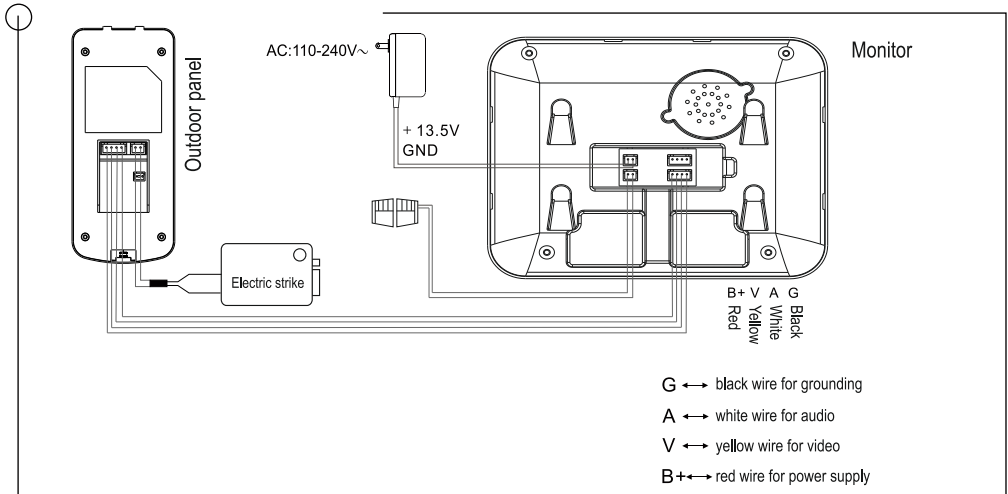
1. IR diodes (camera backlight)
2. Speaker
3. Microphone
4. Camera lens
5. Twilight sensor
6. Call button / proximity tags and cards reader
7. RESET button

SET ACCESSORIES

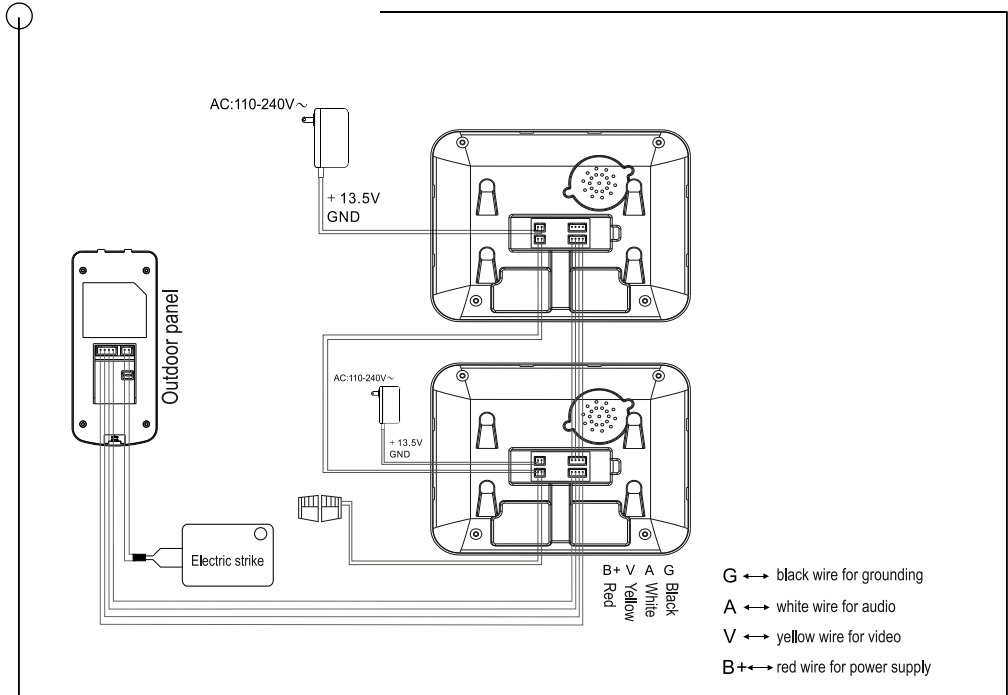


WIRING SCHEME

Wiring scheme for one monitor



Wiring scheme for an additional monitor



The set does not include either the electric door strike or the gate opener!

When designing an electrical installation, the proper section of the wires should be taken into account:
 up to 30m – recommended wire: XzTKMXpw 3 x 2 x 0,5 mm²
 from 30m to 100m – recommended wire: XzTKMXpw 3 x 2 x 0,8 mm²

Electric door strike should be connected with 2 x 1 mm².

The set is compatible with any type of 12VDC electric door strike with max. 500mA power consumption.

The total length of the installation cannot exceed 100m.

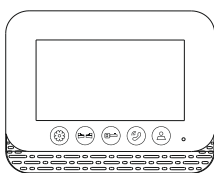
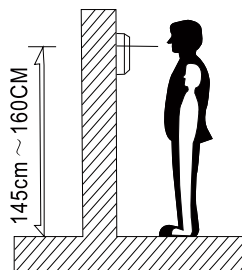
The manufacturer does not recommend to use stranded wires for this installation.

INSTALLATION

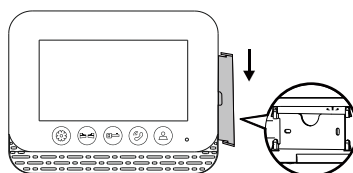
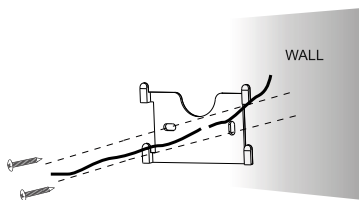
1. Monitor installation

Recommended installation height is 145-160cm.

- 1.Remove the mounting frame from the back of the monitor.
- 2.Put it on the wall to mark where to drill holes for installation.
- 3.Install the frame on the wall.
- 4.Connect the wires as per the wiring scheme.
- 5.Place the monitor inside the mounting frame.
- 6.Switch on the power once the entire monitor panel has been properly installed.

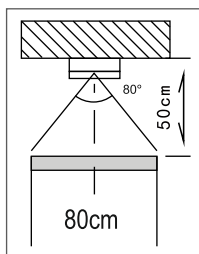
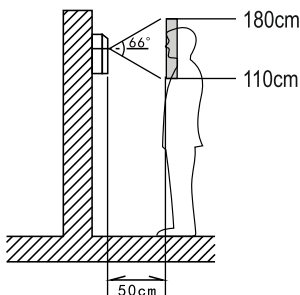


Monitor

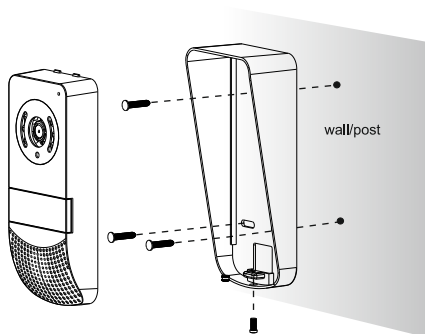


2. Outdoor panel installation

The outdoor panel is suitable for surface mounting. The recommended installation height is 1.5~1.6m.






1. Drill holes at an appropriate height on a wall or a post.
2. Remove the protective hood from the outdoor panel.
3. Install the hood to the wall or post.
4. Connect the wiring.
5. Install the outdoor panel inside the protective hood and tighten the bottom screw to secure the device.







OPERATION



1. Call

Press the call button on the outdoor unit to trigger the ringtone on the indoor monitor and to display visitor's image on the screen. In order to start a conversation press  on the monitor. To open the door/entrance press . When the conversation is over, press  to switch the monitor to standby mode. If there is no activity on the monitor within 60s, it will switch to standby mode automatically.




2. MENU

Press  to enter settings tab. You can adjust brightness, colour, contrast, talk and ringtone volume. Use navigation buttons  (back/left) or  (forward/right) to adjust the above parameters. Press  to change respective parameters.



3. Intercom

If an additional monitor has been connected to the system, you can start internal communication. When in standby mode, press  to call another monitor. In order to accept the call, press .

4. Monitoring

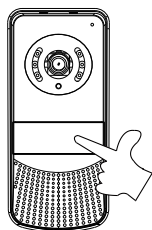
When in standby mode, press  to display the outside image. In order to start conversation with the person standing outside press  or  to open the door/entrance. If there is no activity on the monitor within 60s, it will switch to standby mode automatically.

5. Door/gate opening

Press  when talking to the visitor in order to open the door/entrance. If you want to open the gate, press .

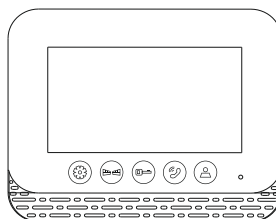
OPERATION

①

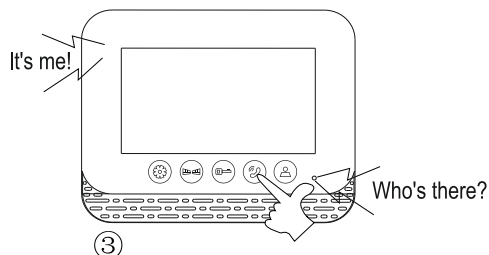


Press the call button on the outdoor panel.

②

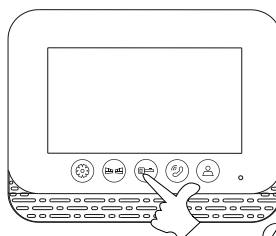


The outside view will be displayed on the monitor.



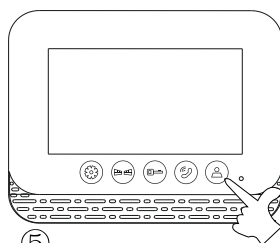
Press to start a conversation with the visitor.

④



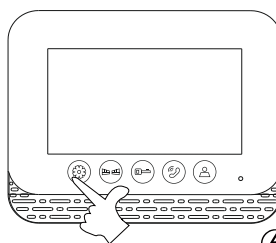
Press to open the door/entrance.

⑤



When in standby mode, press to display an outside view.

⑥



Press to enter into settings tab. Here you can adjust all parameters: brightness, contrast, colour, talk and ringtone volume.

PROXIMITY TAGS AND CARDS

Grey: central log-in tag (1 pc.)

Red: central log-off tag (1pc.)

Blue: user tags (4 pcs.)

1. Central tag login

Make sure that the video-doorphone set is switched on. Press the RESET button situated at the back of the monitor panel. You will hear a short “di” signal that will be repeated 6 times. Then read the red (log-off) central tag. You will hear a single “di” signal. Next, read the grey (log-in) central tag. You will hear a single, continuous “diiiiiiiiiii” signal. This means that both central tags have been successfully added.

In case of loss of both proximity tags or any of them, the above instruction should be repeated to log in a new pair of central tags.

2. User tag login

In order to register new users, read the grey central tag. You will hear a short “di” signal 4 times. Then read a user proximity tag that you want to log in. You can log in up to 4 user tags in a single operation. If you try to log in a fifth user tag, you will hear a short “di” signal twice, which means that memory of the device is full. After 10s you will hear a continuous “diiiiii” signal, which means that all user proximity tags have been successfully registered. The device will exit the login mode.

3. User tag logoff

In order to delete user proximity tag, read the red central tag (you will hear a short “di” signal 4 times, which will indicate entering delete mode), then read the active user's key tag. After 10 seconds, you can proceed to programming the new user tags according to point 2.

4. Door/entrance opening

In order to open the door/entrance, read a (blue) user tag to the outdoor panel. You will hear a short single “di” signal, which means that the door/entrance is open.

5. REMARKS:

- If after pressing the RESET button there is no activity within 10s, the device will keep the last settings and will exit the reset mode.
- In total, you can register 2 central tags and up to 10 user tags only.

MAINTENANCE

All maintenance works should be carried out with the power switched off.

The power unit of the device does not require any specific maintenance. In case it is excessively covered with dust, clean it with compressed air.

TROUBLESHOOTING

1. No sound when calling:

- check wiring between the monitor and the outdoor panel,
- check if talk volume is muted.

2. Poor quality of the image:

- check your image parameters (colour, brightness, contrast) in Menu.

3. The door/entrance cannot be opened despite unlocking it on the monitor:

- check wiring between the monitor and the outdoor panel,
- check if the installed electric door strike is consistent with technical parameters of the system.

TECHNICAL DATA

Monitor

Power supply:	13.5V DC
Power consumption:	standby : <1W; working mode : <5W
Monitor:	4,3" TFT
Frequency:	480x275
Communication mode:	Two-way / (intercom)
Working temperature:	-15°C ~+50 °C
Number of ringtones:	6
Functions:	Unlocking / monitoring / intercom
Dimensions:	134x109x20mm
Net weight of the set:	155g

Outdoor panel

Power supply:	13V DC (from monitor)
Power consumption:	Working mode: <2W
View angle:	vertically : 66°, horizontally: 80°
Camera backlight:	IR diodes
Working temperature:	-15°C ~+50 °C
Dimensions:	74x164x40mm
Protection level:	IP44