

VIDEO CAMERA

OPERATING AND INSTALLATION INSTRUCTIONS

Model: OR-VID-EX-1063KV, OR-VID-EX-1064KV



NOTES:

Please read this manual carefully before connecting and using the device. In case something written herein is unclear, please contact the seller. Installation and commissioning of the equipment by the customer are possible if the installer has basic knowledge of electrical systems and the use of proper tools. Nevertheless, the device installation by qualified personnel is recommended.

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.

In view of the fact that the technical data are subject to continuous modifications, the manufacturer reserves a right to make changes to the product characteristics and to introduce different constructional solutions without deterioration of the product parameters or functional quality. Any translation/interpretation rights and copyright in relation to this Manual are reserved.

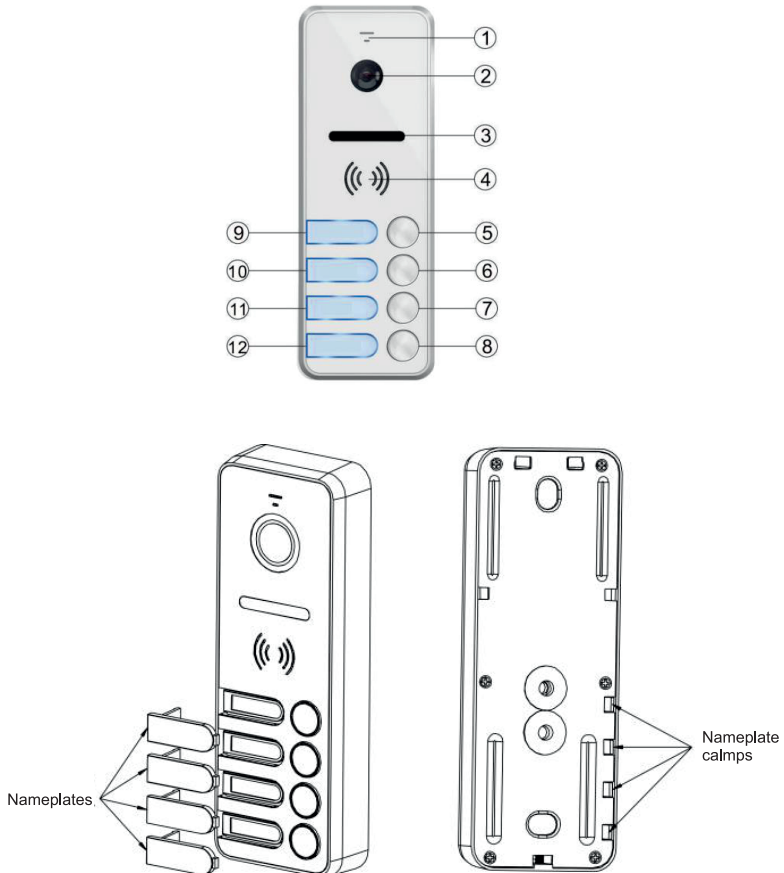
1. Disconnect the power supply before performing any activities.
2. Do not immerse the product in water or other liquids.
3. Do not operate the device with damaged housing.
4. Do not open or repair the device yourself.
5. Do not use the device contrary to its dedication.

MAIN FEATURES AND FUNCTIONS

- part of the VIBELL video intercom system
- allows for holding a conversation between the outdoor and indoor unit
- illuminated with super-bright LED diodes
- surface-mounted
- 2 (model OR-VID-EX-1063KV) or 4 call buttons (model OR-VID-EX-1064KV)
- high-quality wide-angle lens
- colour camera CMOS, 700TVL
- backlit nameplate
- weather-proof
- works with other monitors from VIBELL EX series
- gate control option

CONSTRUCTION

- (1) Microphone
- (2) Camera
- (3) White LED diodes
- (4) Loudspeaker
- (5-8) Call buttons
- (9-12) Nameplates



Cable ① OR-VID-EX-1063KV, OR-VID-EX-1064KV

| | Colour | | Signal | |
|----|--------------|-------|--------------------|-------|
| | Name | Abbr. | Name | Abbr. |
| 1 | RED | RD | AUDIO 1 | AD1 |
| 2 | BLUE | BU | GROUND | GND1 |
| 3 | YELLOW | YL | POWER 1 | PWR1 |
| 4 | WHITE | WT | VIDEO 1 | VD1 |
| 5 | RED-BLACK | RD-BK | AUDIO 2 | AD2 |
| 6 | BLUE-BLACK | BU-BK | GROUND | GND2 |
| 7 | YELLOW-BLACK | YL-BK | POWER 2 | PWR2 |
| 8 | WHITE-BLACK | WT-BK | VIDEO 2 | VD2 |
| 9 | BLACK | BK | COMMON 1 | COM 1 |
| 10 | BROWN | BN | NORMALLY OPEN 1 | NO 1 |

Cable ② OR-VID-EX-1063KV

| | | | | |
|----|------------|-------|--------------------|----------|
| 6 | BLUE-BLACK | BU-BK | GROUND | GND2 |
| 9 | BLACK | BK | POWER LOCK | PWR LOCK |
| 10 | BROWN | BN | NORMALLY OPEN 2 | NO 2 |

Cable ② OR-VID-EX-1064KV

| | Kolor | | Sygnat | |
|----|--------------|-------|--------------------|----------|
| | Name | Abbr. | Name | Abbr. |
| 1 | RED | RD | AUDIO 3 | AD3 |
| 2 | BLUE | BU | GROUND 3 | GND3 |
| 3 | YELLOW | YL | POWER 3 | PWR3 |
| 4 | WHITE | WT | VIDEO 3 | VD3 |
| 5 | RED-BLACK | RD-BK | AUDIO 4 | AD4 |
| 6 | BLUE-BLACK | BU-BK | GROUND 4 | GND4 |
| 7 | YELLOW-BLACK | YL-BK | POWER 4 | PWR4 |
| 8 | WHITE-BLACK | WT-BK | VIDEO 4 | VD4 |
| 9 | BLACK | BK | POWER LOCK | PWR LOCK |
| 10 | BROWN | BN | NORMALLY OPEN 2 | NO 2 |

While designing the wiring system, take into account the suitable cross-section of cables:

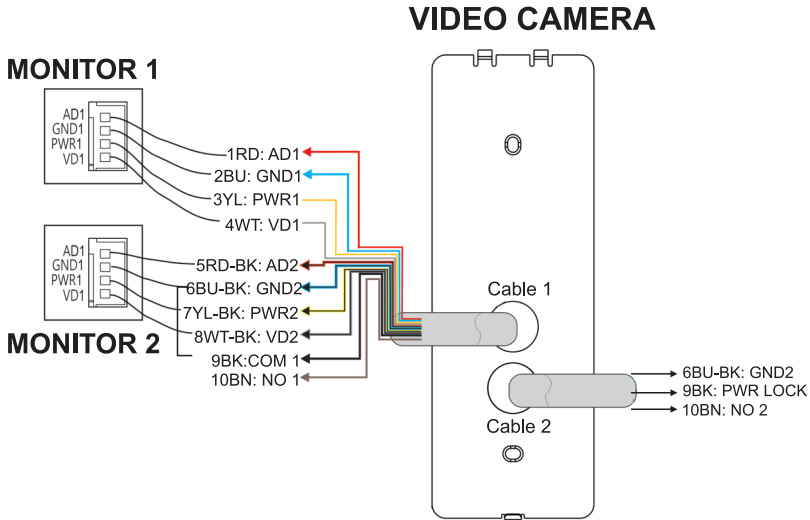
up to 30 m - recommended cable XzTKMXpw 3 x 2 x 0,5 mm²

from 30 m to 100 m - recommended cable XzTKMXpw 3 x 2 x 0,8 mm².

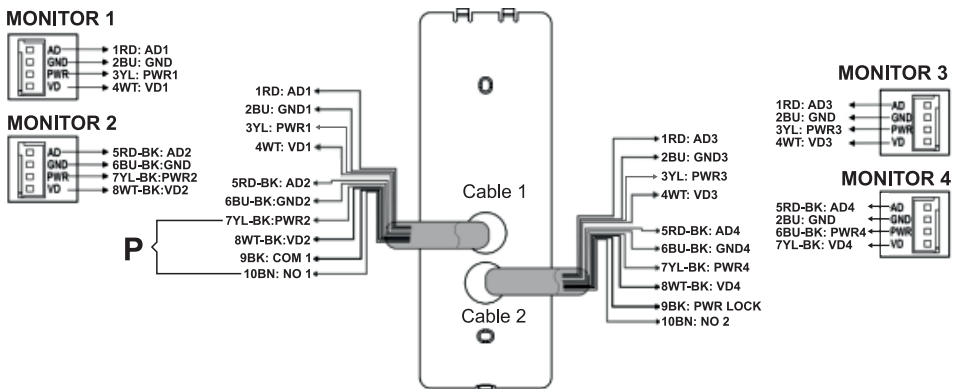
The connection to the electromagnetic lock should be made with 2 x 1 mm².

An electric door strike with a voltage of 12VDC and a current of up to 450mA (not supplied) works properly with the external panel. In case of using an electric door strike with higher power consumption, it is recommended to use an electric door strike with memory.

OR-VID-EX-1063KV connection diagram

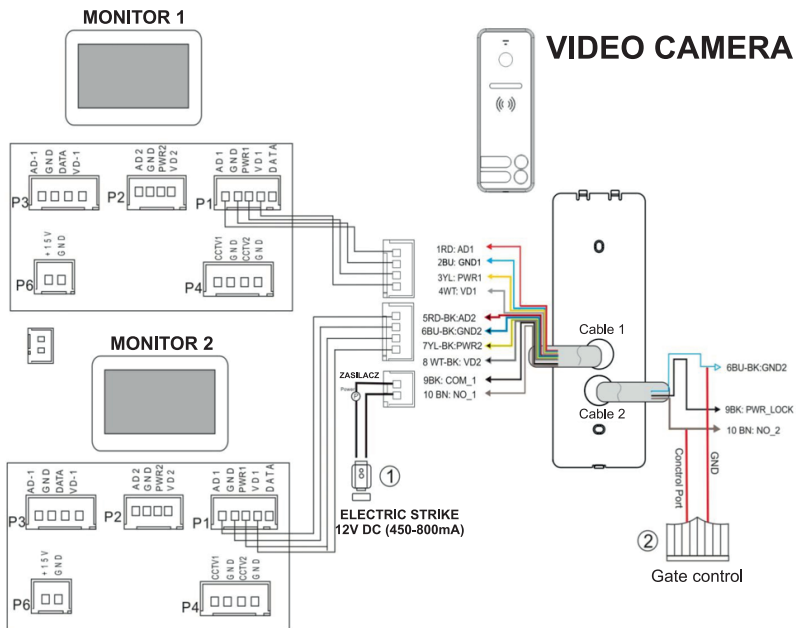


OR-VID-EX-1064KV connection diagram

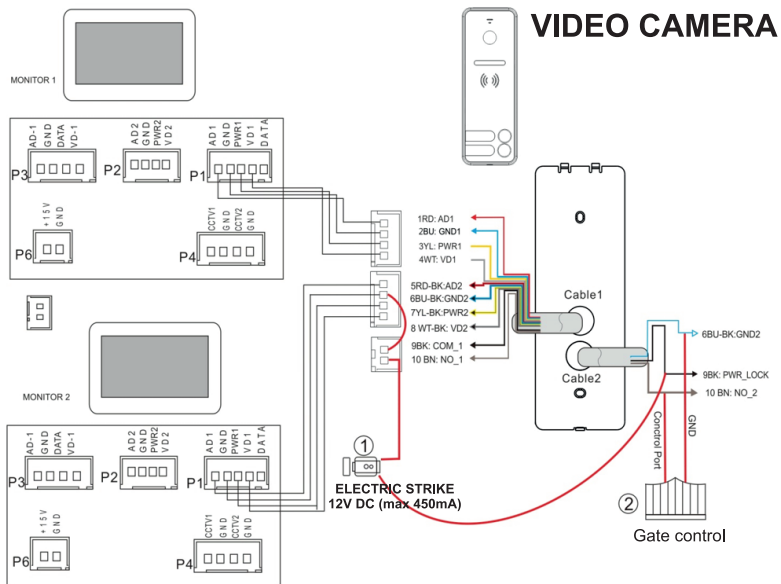


P - electric door strike button (not included in the set)

Scheme of connection of an electric door strike supplied with a separate 12VDC power



Connection diagram of an electric door strike

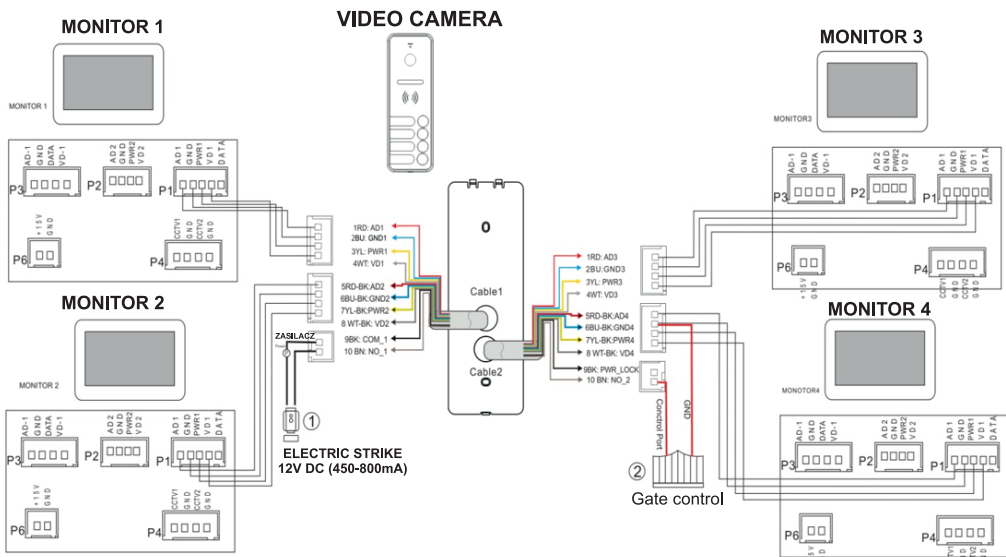


During the installation of 12VDC power supply the polarization must match the connection diagram.

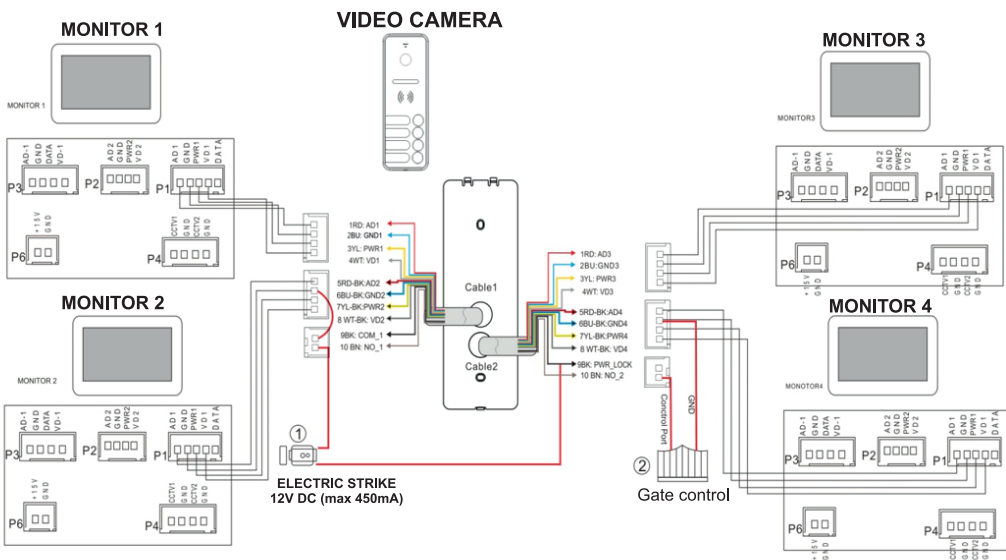
The outdoor unit works with VIBELL video monitors.

The set does not include an electric strike, 12VDC power supply or a gate control unit.

Scheme of connection of an electric door strike with video camera OR-VID-EX-1063KV



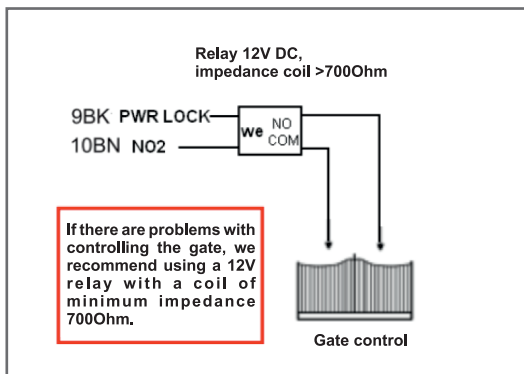
Scheme of connection of an electric door strike supplied with a separate 12VDC power with video camera OR-VID-EX-1064KV



During the installation of 12VDC power supply the polarization must match the connection diagram.

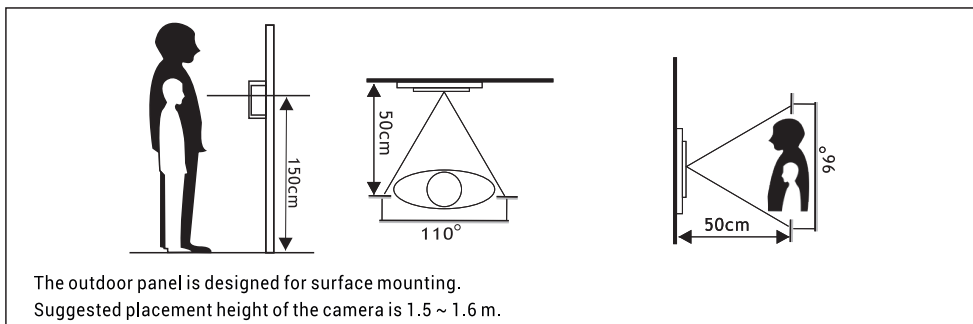
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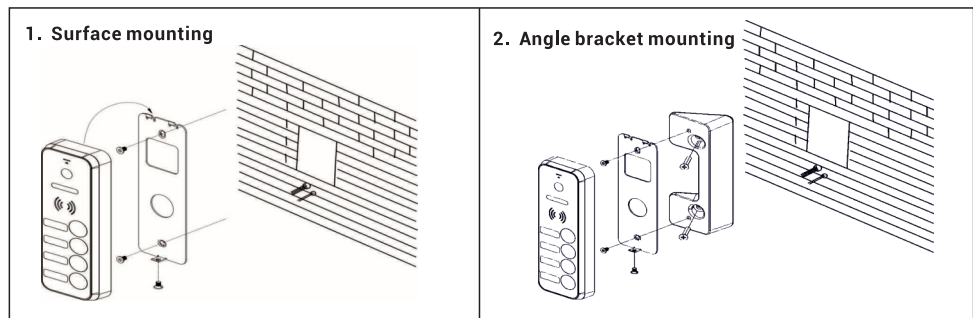


OUTDOOR UNIT INSTALLATION

Proper placement of the external panel determines the comfort of working with the device, therefore, before making mounting holes, it is recommended to adjust the place of installation and test the operation of the device. For this purpose, connect the device according to the wiring diagram, carefully examine the field of view of the camera and test it.



Video intercom cables should not be installed in the same cable as other installations, e.g. doorbell, alarm, etc. All power and power and telecommunication cables emitting strong magnetic fields (e.g. loudspeakers, TV set) which are in direct contact with cables connecting external panel with monitor may adversely affect the set's operation.



1. Select a mounting location for the camera and connect the appropriate cables.
2. Remove the bottom screw and separate the mounting frame from the external panel.
3. Drill holes in the wall or post for the wall plugs.
4. Surface mounting: Attach the mounting frame to the wall (post).
5. Angle bracket mounting: fix the angle bracket to the wall, then the mounting frame
6. Connect the wires to the sockets on the back of the panel according to the wiring diagram.
7. Attach the external panel to the frame.
8. Screw the bottom screw of the external panel to the frame

TECHNICAL DATA

Power supply: DC 14V from monitor

Power consumption: 3W

Camera type: CMOS sensor

Camera resolution: 700 TVL

Audio: 300mVp-p 300 Ohm Ω (bi-directional)

Video: 1Vp-p 75 Ohm Ω (output)

Viewing angle: horizontal 110°, vertical 96°

Backlighting: white LED diodes

Minimum light intensity: 0 LUX (0,5 m)

Electric strike control: 12V DC

Working temperature: -30°C to +60°C

Dimensions: 55 x 144 x 20mm

Net weight: 0,38kg

SAFETY AND MAINTENANCE

Do not install the camera where the camera lens will be directly exposed to sunlight or strong lighting.

If light falls directly on the lens of the outdoor camera, the image will be overexposed; white or only outlines will be visible.

Do not use cleaning agents based on solvents, petrol, etc. or agents containing abrasive substances. Clean dirt only with a soft damp cloth and a small amount of detergent designed for cleaning plastic parts.

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 WEEE 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!

07/2020

PRODUCENT

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