



Video intercom kit

NVE-2W/KIT1



2-WIRE IP technology features the ability to transmit data and power using two wires. The 2-WIRE IP bus allows two-way communication without polarity. It does not require the use of UTP cables, making it easy and economical to upgrade an existing system. Using existing cable infrastructure, it enables the benefits and functionality of IP technology.

Key features:

- Polarization-free 2-wire bus, operating up to a distance of 300 m.
- Surface-mounted entrance panel for 1 user
- Camera with 1920 x 1080 px resolution and 125° viewing angle, IR illumination
- Mifare classic standard 13.56 MHz proximity card reader
- Gate and door control function, RTSP protocol support
- Mounting with rain cover
- 7" display with TFT matrix
- Wi-Fi 2.4 GHz
- Support for MicroSD cards up to 512 GB
- Connection to mobile application via Wi-Fi
- Intercom function, weather widget, wall clock

The NVE-2W/KIT1 video intercom kit is an elegant and aesthetically pleasing kit designed for installation in small residential buildings. It consists of the NVE-2W-EPV101P/KIT entrance panel, which allows you to communicate with the owner of the house using the call button and built-in color camera, as well as the NVE-2W-MV107WIFI-W/KIT user monitor, which has a large 7" color screen and an intuitive menu for quick and convenient use of its functions. A dedicated 24VDC power supply is used to power the kit.

The entrance panel has infrared (IR) illumination, allowing you to use the panel also at night without any problems. The panel has a built-in power supply for the door electric strike and a relay to control the gate controller, so no additional accessories are required to operate both the door and the gate. The built-in proximity card reader in the mifare classic standard with a frequency of 13.56 MHz allows you to create a simple access control, which simplifies and automates the daily use of the system.

The panel supports RTSP protocol, making it possible to stream to Novus CCTV NVRs.

The user monitor has an on-screen menu, in addition to basic functions (displaying camera images, opening doors) it also allows viewing and deleting voice messages, photos and recordings, and playing music. The device's built-in memory can store up to 100 photos. The built-in speaker and microphone make it easier to operate and communicate with the guest. Communication with another user is also possible thanks to the intercom function. Optionally added eight cameras can create a simple video surveillance system enriched also with motion detection. After communicating with the Tuya Smart / Smart Life app, a minimalist weather widget appears on the monitor, allowing to view temperature, pressure and humidity.

Included:

- quick reference guide
- 2-WIRE IP entrance panel
- wall bracket
- rain cover
- 4x screw and dowel
- allen screw x2
- Allen key
- 3x proximity key ring
- nameplate to write the name
- key
- connection connectors
- 2-WIRE IP user monitor
- wall bracket compatible with 60mm electrical box
- 2x screw and wall plug
- 24VDC power supply

Entrance panel	
Number of users	1
Operating temperature	from -40 to 60 °C
Resolution	1920 x 1080 px
Power supply input	18 - 36 VDC
Sensor	CMOS HD 2 MPx
Color	Graphite black (RAL9011)
Numeric keyboard	No
Access Code	No

Dimensions	162 x 82 x 29 mm
IK Rating	IK07
Protection code	IP65
Number of cards supported	1000
Card reader format	standard mifare classic
Lock output	NO: MAX 12 V DC 160 mA (Transient current: 700 mA-40ms)
Gate output	NO Relay (4 A / 36 V DC/AC)
Power consumption	4.5 W (Max.)
Additional functions	LED IR, Status LEDs
Standalone mode	No
View angle (horizontal view)	125 °
View angle (vertical view)	72 °
Video coding	H.265 (default); H.264
User monitor	
Video coding	H.265 (default); H.264
Power supply input	24 - 36 VDC
Dimensions	188 x 136 x 22 mm
Operating temperature	from -10 to 50 °C
Resolution	1024 x 600 px
Wi-Fi	2.4 GHz (IEEE 802.11 b/g/n)
Diagonal	7"
Display	LCD TFT
Power consumption	8 W (Max.)
Color	Signal White (RAL9003)
Additional functions	SD card slot, volume control, monitoring of the view from cameras, intercom calls, voice mail, photos and video recording, mobile application via WIFI, weather widget
Additional information	
Cable connection type	2-WIRE IP