2-WIRE IP Entrance panel

NVE-2W-EPV101PF



2-WIRE IP technology is characterized by the ability to transmit data and power using two wires. The 2-WIRE IP bus enables two-way communication without polarization. It does not require the use of UTP cables, which allows for easy and economical modernization of the existing system. By using the existing cable infrastructure, it allows you to take advantage of the benefits and functionality of IP technology.

Key features:

- 2-wire bus without polarity, operating at distances of up to 300 m*
- Flush-mounted entry panel for 1 userCamera with a resolution of 1920 x 1080 px and a viewing angle of 125°, IR illumination
- Proximity card reader in the mifare classic 13.56 MHz standard
- RTSP protocol support
- Gate and door control function
- Possibility to connect an additional card reader or add a panel to the access control controller via the Wiegand interface

*Detailed information in the file *Examples of 2-wire bus applications + Wire lengths for Novus 2-Wire*

The Villa NVE-2W-EPV101PF entrance panel with flush mounting is an elegant and aesthetic device designed for outdoor use, e.g. in front of the entrance to the property. It allows you to easily communicate with the homeowner using the call button and the built-in color camera and microphone. Infrared (IR) backlighting allows for trouble-free use of the panel even at night. The panel has a built-in power supply for the door electric strike and a relay for controlling the gate controller, so no additional accessories are required to operate both the door and the gate. The built-in mifare standard proximity card reader with a frequency of 13.56 MHz and the possibility of connecting a door status sensor and an exit button allow you to create simple access control, which facilitates and automates the daily use of the system. The Wiegand interface allows you to connect a proximity card reader to the entrance panel, providing two-way control using a card. The panel can also be connected to a AC controller; in this scenario, the controller provides master control over access. The panel supports the RTSP protocol, enabling streaming to Novus CCTV recorders. Image parameters, settings, and network protocols can be configured from the web application client.

Included:

- 2-WIRE IP Entrance panel

- wall bracket

- 2x fixing screws and expansion bolts

- inner hexagon screw

- allen wrench

- 3x proximity tag

- nameplate sticker

- thimble

- short manual

Device type	Panel wejściowy 2-WIRE IP
Mounting type	Flush
Number of users	1
Sensor	CMOS HD 2 MPx
Resolution	1920 x 1080 px
View angle (horizontal view)	125 °
View angle (vertical view)	72 °
Video coding	H.265 (default); H.264

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Power supply input	18 - 36 VDC
Power consumption	4,5 W (Max.)
Lock output	NO: MAX 12 V DC 160 mA (Transient current: 700 mA-40ms)
Gate output	NO Relay (4 A / 30 V DC/AC)
Exit Button	Yes
Door open status indicator	Yes, reed switch
Wi-Fi	No
Standalone mode	No
Card reader format	mifare standard
Number of cards supported	100
Numeric keyboard	No
Access Code	No
Additional functions	LED IR, Status LEDs, Digital WDR (Wide Dynamic Range)
Dimensions	202 x 110 x 31 mm
Weight	375g
Protection code	IP65
IK Rating	IK07
Operating temperature	from -40 to 60 °C