User manual

TWO-WIRE SYSTEM

SW-02

EAN: 5060514912331



The SW-02 converter is used to expand Ethernet IP signals through a two-wire cable in the existing two-wire network of the building.

Converters can be used when connecting, distributing, and converting signals for IP devices (call panels, internal monitors, etc.) through a two-wire cable with 128-bit AES and guaranteed QoS for loss-sensitive devices.

In addition, the system can connect to the Internet through the same converters.

The system is suitable for a modernization project in older buildings that use two-wire wiring. This can solve cabling and restoration infrastructure problems, as well as lower project costs.



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Technical parameters

- The maximum number of devices in the system: 9999.
- Connection: Two-wire, Ethernet UTP CAT 5.
- Maximum cable length over two wires: 50 meters between two devices.
- Maximum Ethernet cable length: 100 meters.
- Power Consumption: 1 Watt in standby mode, 7 Watt in operation.
- Power over 2-wire

One converter can be connected either to the internal monitor directly or to a local network using an Ethernet cable.

Connection

Step 1. Inspection and preparation of equipment.
Check that the equipment does not have external defects.
To organize the connection of the system should be prepared:
- Network cable (UTP CAT5 or higher);
- Two-core cable (minimum cross-section 0.205 mm or 24 AWG);
- 2.0 / 2.5 mm slotted screwdriver.

Step 2. Installation.
The SW-02 converter has two interfaces: the LAN interface can be connected to the Internet, and the other interface is connected to 2-wire system.
The call panel is connected to a two-wire system through the SW-02 converter on one side and to the local network on the other (it is also possible to connect the patch cord directly to the internal monitor).

