TWO-WIRE SYSTEM

SW-10

EAN: 5060514912355

The SW-10 switch 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 Supply: DC 48V, 2.2A.
- Power Consumption: 1 Watt in standby mode, 7 Watt in operation.

Up to 8 SW-02 converters and up to 3 SW-08 (SW-10) switches can be connected to one switch via two wires in cascade.

The switch also has two Ethernet ports for connecting to a local network or for connecting an SW-10 cascade.

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);
- Power supply DC 48V, 2.2A (please check cable length, specification and connection status);
- 2.0 / 2.5 mm slotted screwdriver.