

# TWO-WIRE SYSTEM

# SW-01

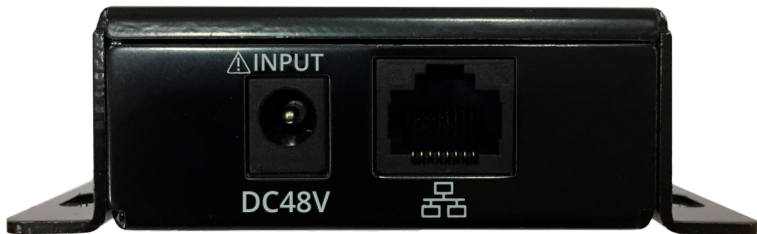
EAN: 5060514912324

Ethernet to 2-wire converter. SW-01 is used to convert Ethernet signals to signals of a two-wire line. It expands the Ethernet segment with devices connected to a two-wire line.

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: 70 meters between two devices.
- Maximum Ethernet cable length: 100 meters.
- Power Consumption: 1 Watt in standby mode, 5 Watt in operation.
- Power DC 48V

One converter can be connected either to the internal monitor or outdoor panel 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-01 converter has two interfaces: the LAN interface can be connected to the Internet, and the other interface is connected to 2-wire system.

The two-wire devices is connected to a two-wire system through the SW-01 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 or outdoor panel).

