

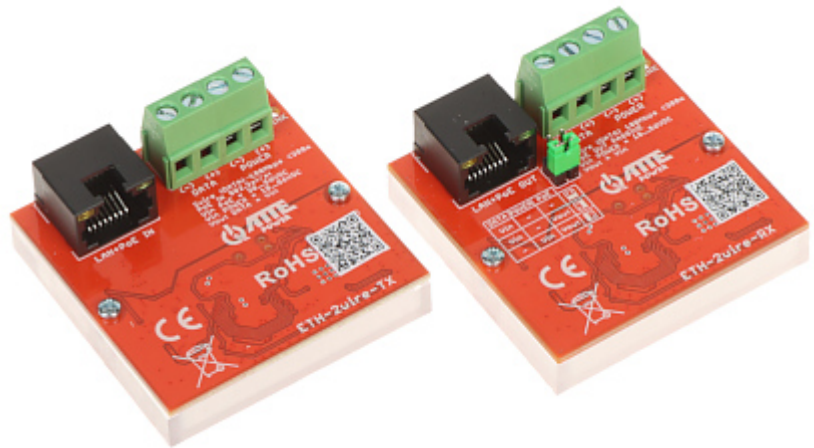
Code: ETH-2WIRE-SET

SET OF UTP / 2-WIRE CONVERTERS FOR LAN+POE TRANSMISSION **ETH-2WIRE-SET** 2 PCS SET ATTE

The ETH-2WIRE-SET set includes transmitter and receiver modules, it is used for Ethernet data and PoE power supply transmission using 2 wires, e.g. one pair of UTP twisted pair cable.

The devices allow the installation of cameras or other IP PoE devices in places where replacement of the existing cabling is impossible or unprofitable. The ETH-2wire-TX module is powered from any PoE switch (RJ45 port) and then via 2 wires, it enables two-way network communication and powering the ETH-2wire-RX module. The camera or another PoE receiver can be connected to the RJ45 port of the ETH-2wire-RX module at the end of the line. The devices can be optionally powered from the POWER screw terminals.

Depending on the selected converter operation mode, powering them and devices connected to them can be realized in several ways. PoE power supply or from an external power supply, both from the ETH-2wire-TX transmitter and the ETH-2wire-RX receiver (configuration with jumpers).



Connectors:	<ul style="list-style-type: none"> • 1 pcs RJ45 • 1 pcs terminals (screw terminals) - 0.32 ... 3.3 mm² (22 ... 12 AWG)
LAN ports:	1 pcs RJ45 100 Mbps
Terminals:	<p>ETH-2WIRE-TX :</p> <ul style="list-style-type: none"> • PoE IN - Passive PoE ≤ 30 W, PoE (802.3at) ≤ 30 W, PoE (802.3af) ≤ 15 W ("+"-": 1, 2 pins; "+/-": 3, 6 pins) or ("+"-": 4, 5 pins; "+/-": 7, 8 pins) • Power • DATA - 2-wire <p>ETH-2WIRE-RX :</p> <ul style="list-style-type: none"> • PoE OUT - Passive PoE ("+"-": 4, 5 pins; "-": 7, 8 pins) • Power • DATA - 2-wire
Transmission speed:	100 Mbps
Transmission range:	<ul style="list-style-type: none"> • 300 m @ 2-wire : UTP, • 100 m @ 2-wire : OMY-2X0.75 • 100 m @ UTP : Switch PoE - ETH-2WIRE-TX • 100 m @ UTP : ETH-2WIRE-RX - IP Camera
LED indicators:	<ul style="list-style-type: none"> • Power • LAN • 2-wire
Protections:	<ul style="list-style-type: none"> • Overvoltage - LAN, DATA • Protection against reverse polarity connection - Power • Overload 0.6 A - PoE IN ETH-2WIRE-TX
Main features:	<ul style="list-style-type: none"> • Plug & Play • Support for IP cameras and network devices • Full transparency for networks • Operation modes - Set with jumpers



DATA SHEET

Power supply:	ETH-2WIRE-TX : <ul style="list-style-type: none">• 44 ... 56 V DC - PoE• 24 ... 56 V DC - Power ETH-2WIRE-RX : <ul style="list-style-type: none">• 24 ... 56 V - Power• The output PoE voltage is equal to the input voltage
Power consumption:	1.35 W (total)
Housing:	Plastic (PC)
"Index of Protection":	IP20
Operation temp:	-25 °C ... 65 °C
Weight:	0.03 kg (single element)
Dimensions:	51 x 51 x 24 mm (single element)
Manufacturer / Brand:	ATTE
Guarantee:	3 years

