

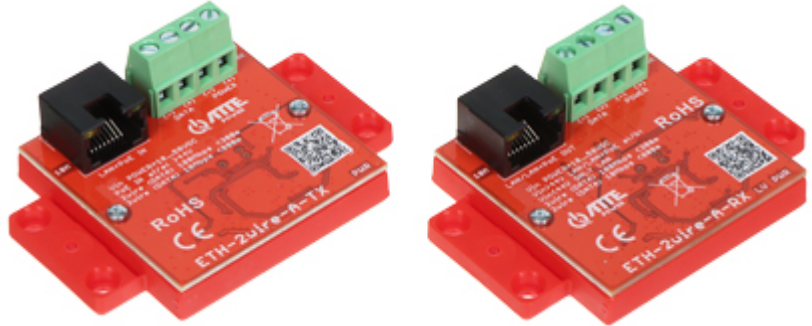
Code: ETH-2WIRE-A-SET

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

The ETH-2WIRE-A-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-A-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-A-RX module. The camera or another PoE receiver can be connected to the RJ45 port of the ETH-2wire-A-RX module at the end of the line. The devices can be optionally powered from the POWER screw terminals.

The ETH-2WIRE-A-SET set has the ability to operate at 100 Mbps - 300 m or 10 Mbps - 800 m. It is not necessary to configure with jumpers the method of power supply at the PoE output. The LAN output port operates in 802.3at and 802.3bt standards.



Connectors:	<ul style="list-style-type: none"> <li>• 1 pcs RJ45</li> <li>• 1 pcs terminals (screw terminals) - 0.32 ... 3.3 mm<sup>2</sup> ( 22 ... 12 AWG )</li> </ul>
LAN ports:	1 pcs RJ45 10 / 100 Mbps
Terminals:	<p>ETH-2WIRE-A-TX :</p> <ul style="list-style-type: none"> <li>• PoE IN - Passive PoE <math>\leq 30</math> W, PoE (802.3at) <math>\leq 30</math> W, PoE (802.3af) <math>\leq 15</math> W ("+" : 1, 2 pins; "+/-" : 3, 6 pins) or ("+" : 4, 5 pins; "+/-" : 7, 8 pins)</li> <li>• Power</li> <li>• DATA - 2-wire</li> </ul> <p>ETH-2WIRE-A-RX :</p> <ul style="list-style-type: none"> <li>• PoE OUT - Hi-PoE (802.3af/at/bt) ("+" : 3, 6 / 4, 5 pins; "-" : 1, 2 / 7, 8 pins)</li> <li>• Power</li> <li>• DATA - 2-wire</li> </ul>
Transmission speed:	10 / 100 Mbps
Transmission range:	<ul style="list-style-type: none"> <li>• 300 m @ 100 Mbps : 2-wire,</li> <li>• 800 m @ 10 Mbps : 2-wire</li> <li>• 100 m @ UTP : Switch PoE - ETH-2WIRE-A-TX</li> <li>• 100 m @ UTP : ETH-2WIRE-A-RX - IP Camera</li> </ul>
LED indicators:	<ul style="list-style-type: none"> <li>• Power</li> <li>• LAN (RJ-45)</li> <li>• PoE (RJ-45)</li> <li>• 2-wire</li> <li>• 2-wire 10 Mbps</li> <li>• LV - low voltage &lt; 44 V</li> </ul>
Protections:	<ul style="list-style-type: none"> <li>• Overvoltage - LAN, DATA</li> <li>• Protection against reverse polarity connection - Power</li> <li>• Overload 0.6 A - PoE IN ETH-2WIRE-A-TX</li> </ul>



Main features:	<ul style="list-style-type: none"><li>• Plug &amp; Play</li><li>• Support for IP cameras and network devices</li><li>• Full transparency for networks</li></ul>
Power supply:	ETH-2WIRE-A-TX : <ul style="list-style-type: none"><li>• 24 ... 56 V DC - PoE</li><li>• 12 ... 56 V DC - Power</li></ul> ETH-2WIRE-A-RX : <ul style="list-style-type: none"><li>• 44 ... 56 V - Power</li><li>• The output PoE voltage is equal to the input voltage</li></ul>
Power consumption:	1.35 W (total)
Housing:	Plastic (polycarbonate)
"Index of Protection":	IP20
Operation temp:	-25 °C ... 65 °C
Weight:	0.028 kg (single element)
Dimensions:	73 x 51 x 23 mm (single element)
Manufacturer / Brand:	ATTE
Guarantee:	<b>3 years</b>