



9159014

2N[®] 2Wire

Product features

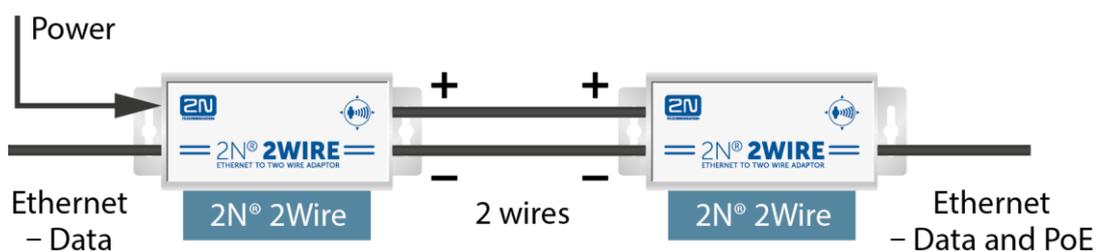
- Using legacy analog 2 wire cabling for IP intercom connection including PoE power supply
- Saves cost for UTP cabling and makes possible to install IP intercoms on legacy infrastructure
- Alternatively one master unit can support up to four slaves
- Long range Ethernet extension over 2 wires or coax
- IEEE 802.3 af/at Compliant 40 Watt PoE+ for IP intercom power supply
- Easy configuration, no IP address and network setup required, plug&play
- Calculated MTBF = 340,000 hours

Includes

- 2pcs converter unit with Coax / 2 wire adaptor
- 1pc power supply adaptor

Product use

- Install master unit where your ethernet cable ends and 2 cable wiring begins.
- Plug in Ethernet and 2 cable wiring into 2N[®] 2Wire.
- Install slave unit where you need convert 2 cable wiring back to Ethernet at remote location. **Please observe polarity, - port of master unit must be connected to - port of slave unit and + port of master unit must be connected to + port of slave unit.**
- Connect provided power supply to master unit.
- Any of the units can be master or slave. Master unit is the one with connected power supply, while slave is powered via 2 wires
- Blue Power LED indicators should indicate that both units are powered
- Both BNC and PoE green LED should be blinking, thus signalling established connection and data transmission.



Not respecting the polarity can cause damage or destruction of one or both units.

Ethernet Interface

- Connector Type : RJ45
- Speed : 10/100 Base T, half/full duplex, auto-negotiation
- IEEE 802.3 af/at 40Watt Compliant PoE+

Extended Wiring Interface (2 wire/coax)

- Cable Type : 2Wire, Cat 5e., Cat 6. or Similar
- Impedance : 25Ω to 100Ω
- Transmit Coverage : Typical 720ft (220m) @ Cat6 with PoE at far end; up to 2460ft (750m) possible; depends on wiring and interference

Transmission Method

- Access Method : CSMA/CA and TDMA
- Modulation Method : Windowed OFDM
- Frequency band : 1.8MHz to 30MHz

LED Indicators

- Power : Blue – Power ON
- BNC : Green – Link ON
- PoE : Green – Link ON

AC/DC Power Supply (provided)

- Input AC : 100 ~ 240VAC , 50~60 Hz
- Output DC : 48VDC / 0.84A ~ 1.25A

Dimension of one unit

- 1.57x1.57x2.95in., 40x40x75mm (HxWxL)
- Weight : 4.2oz (120g)
- Material : Extruded Aluminum

Environmental

- Operating Temperature : 14°F to 122°F (-10°C to +50°C)
- Storage Temperature : -22°F to 158°F (-30°C to +70°C)

EC Declaration of Conformity

Hereby, 2N TELEKOMUNIKACE a.s., declares that the 2N[®] 2Wire product is in compliance with the essential requirements and other relevant provisions of Directive 2004/108/EC. Refer to our website www.2n.cz for the Declaration of conformity.