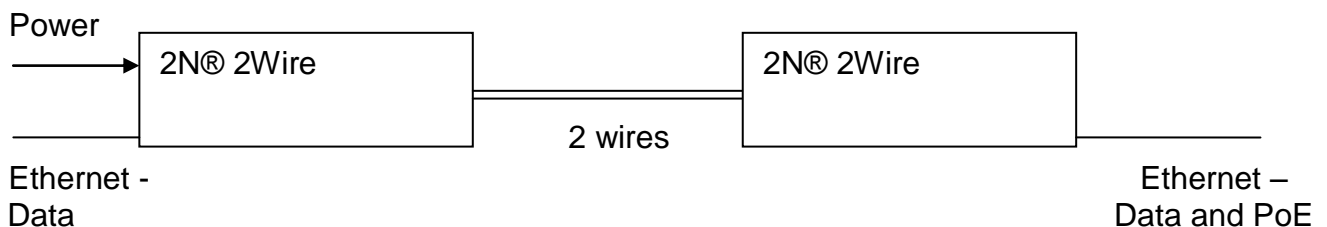# 9159014
2N® 2Wire

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 of the 2 wires.
- 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.

Power

| 2N® 2Wire | | 2N® 2Wire |

2 wires

Ethernet - Data

Ethernet – Data and PoE

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.