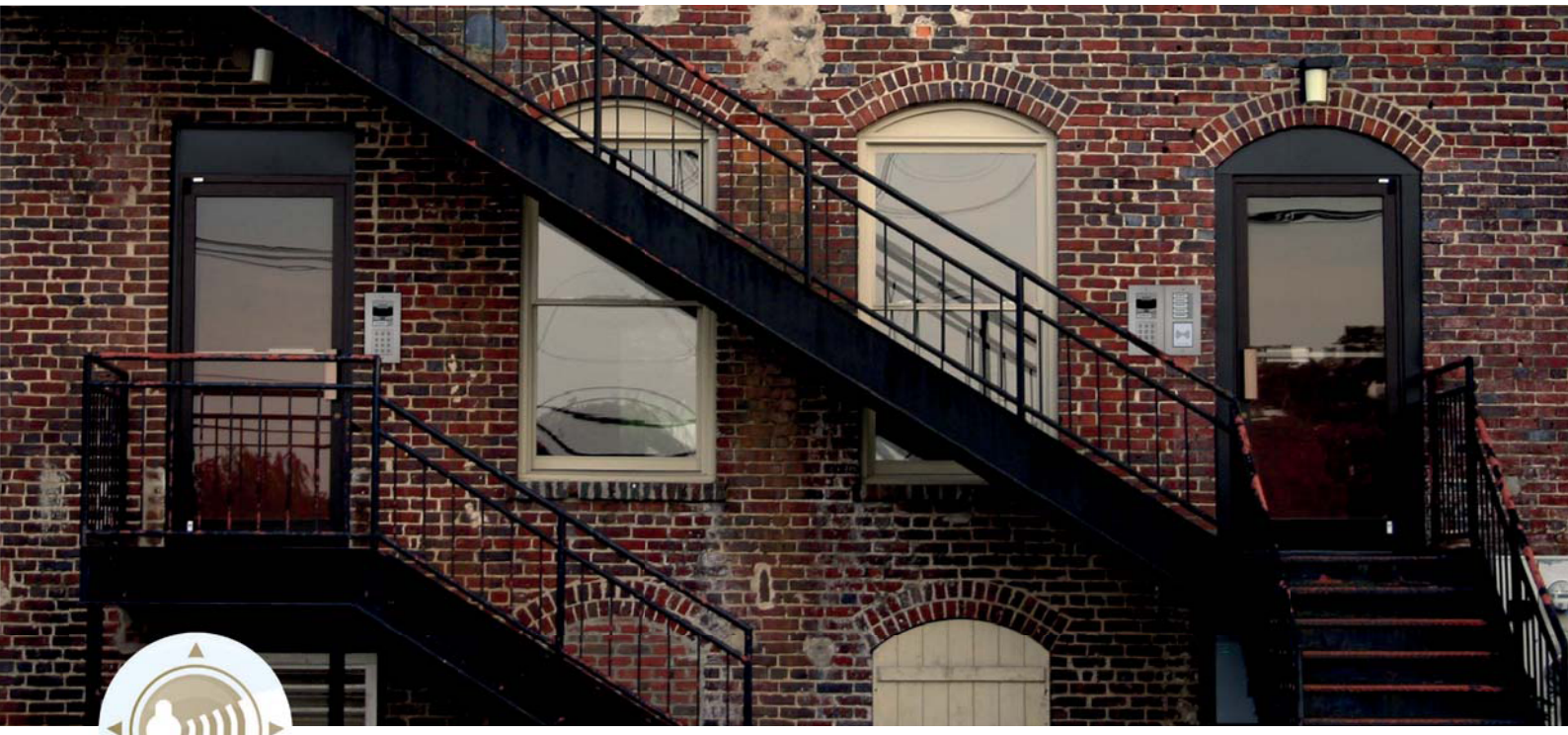
2N® 2Wire

IP anywhere from now on



Take advantage of the benefits of IP intercoms in places without IP infrastructure



Do you like the IP intercoms in our 2N® Helios IP series, but you don't have the means to connect them in an analogue environment or a place with limited IP infrastructure? We have a solution for you that means you don't have to lay new cables or make any other building alterations. What's more, everything is easy to install!

The 2N® 2Wire converter allows you to use existing wiring (2 wires) from your original door bell or door intercom to connect any IP device. You don't have to configure anything, and you only need one 2N® 2Wire unit at each end of the cable and a power source connected to at least one of these units. The 2N® 2Wire unit then provides PoE power not only to the second converter, but also to all other connected IP end devices.

Try our reliable 2N® 2Wire converter and connect any intercom, even in places with no IP network. You can thus take advantage of the benefits and functions of top-of-the-range IP intercoms from 2N, including video streaming or integration with mobile devices, even in areas with simple infrastructure.

Intended for:

- Installation companies
- Integrators

Why to choose the 2N® 2Wire?

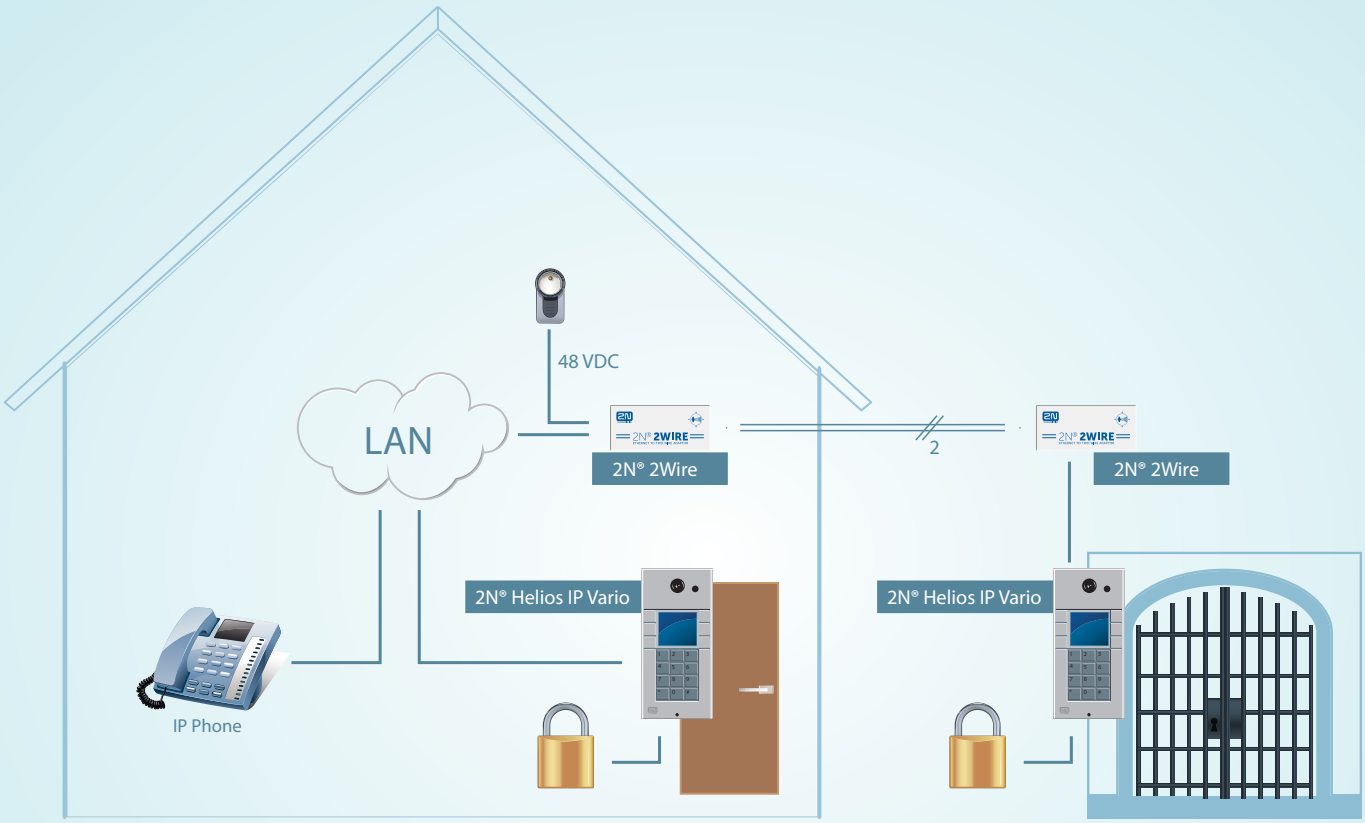
- Utilisation of existing infrastructure
- Single cable for power and data transfer
- Power supply to connected IP devices via PoE within a range of up to 220 m
- Simple, fast installation
- Low costs

CIE-group
A better way to buy AV.

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Basic Connection



Technical Parameters

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 (2Wire/UTP)

Cable Type	2Wire, Cat 5e., Cat 6. or Similar
Impedance	25Ω to 100Ω
Transmit Coverage	Max.720ft.(220M)@Cat6.

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

Input AC	100–240 VAC , 50–60 Hz
Output DC	48 VDC/0.84A–1.3A

Dimension

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

Environmental

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

2N® Helios IP Family:



2N® Helios IP Verso | 2N® Helios IP Vario | 2N® Helios IP Force | 2N® Helios IP Safety | 2N® Helios IP Uni

The 2N® Helios IP family is a wide range of door intercoms for every situation - whether in security, business, emergency, or any other special area.
From providing simple applications requiring a clear and easy connection to a single IP telephone, to comprehensive communication arrangements integrated into security and signalling systems and IP PBXs. Having the highest quality and certification, 2N ensures compatibility with industry-standard--based IP network solutions such Avaya, Cisco, and others.

Cisco Compatible · ONVIF S · AVAYA DevConnect Gold · AASTRA A2P2 Certified Member · BROADSOFT · Alcatel·Lucent

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