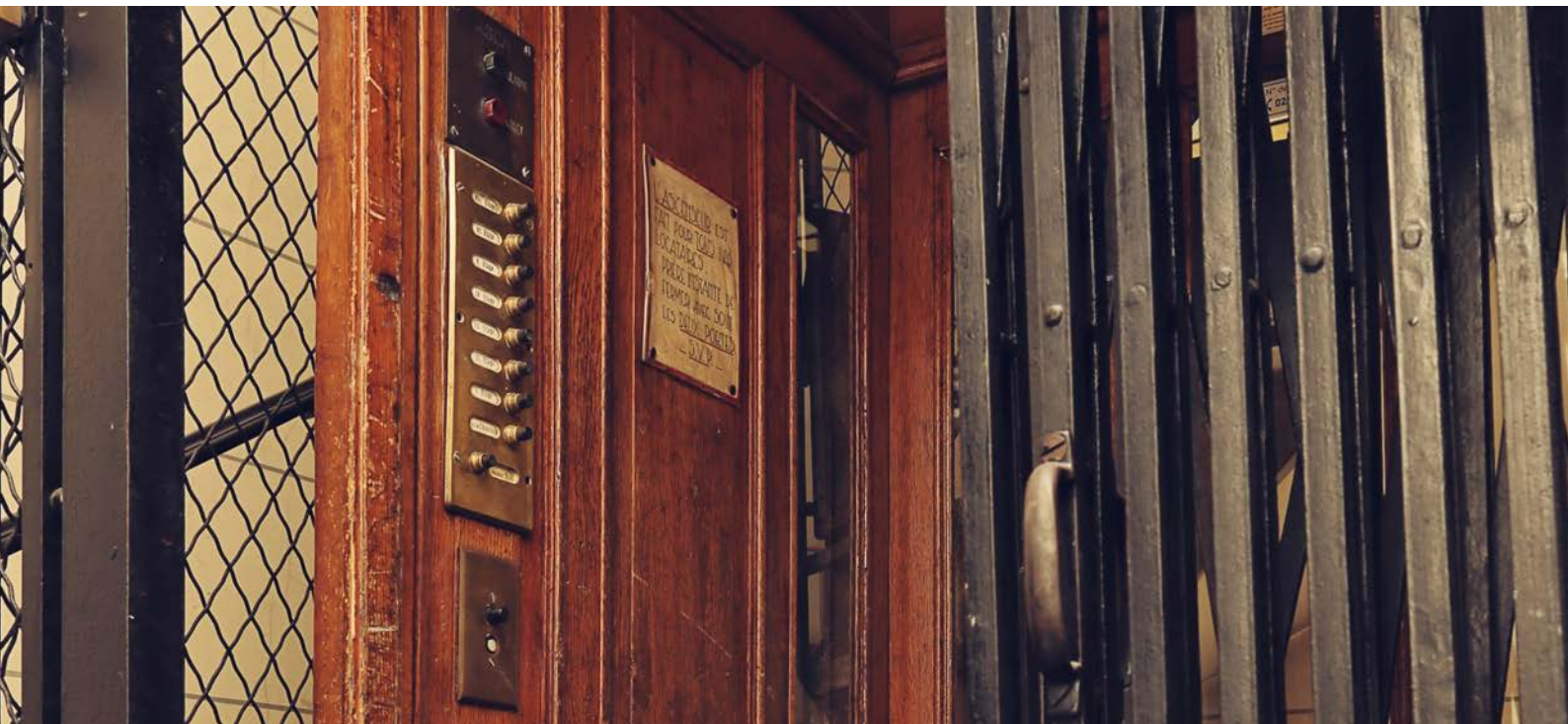# 2N® 2Wire for Lifts
A LAN network now in every lift cabin

Use the existing travelling cable to connect any IP device

Would you like to use an IP device in a lift cabin, but installation of a new travelling cable to bring LAN/Ethernet to the lift is too time-consuming and expensive? We have a solution for you that means you don't have to add any cables. Try our reliable converter 2N® 2Wire for Lifts and you can connect an IP camera, information or advertising panel or an IP audio system, even in lifts that don't have a LAN network or Ethernet.

The converter from 2N allows you to connect any type of IP device in a lift cabin using just 2 free wires in the existing travelling cable. Installing the 2N® 2Wire in a lift is also very simple – no need for complicated configuration. All you need is one 2N® 2Wire unit at each end of the travelling cable and at least one of them connected to a power source. The 2N® 2Wire unit then provides PoE power not only to the second converter, but to all connected IP end devices.

Why choose the 2N® 2Wire for Lifts?
- Connection of IP devices in the lift cabin using just two wires
- Uses existing cables/travelling cable
- One 2-core cable for both power and data transmission
- Power supply for IP devices via PoE up to 220 metres away
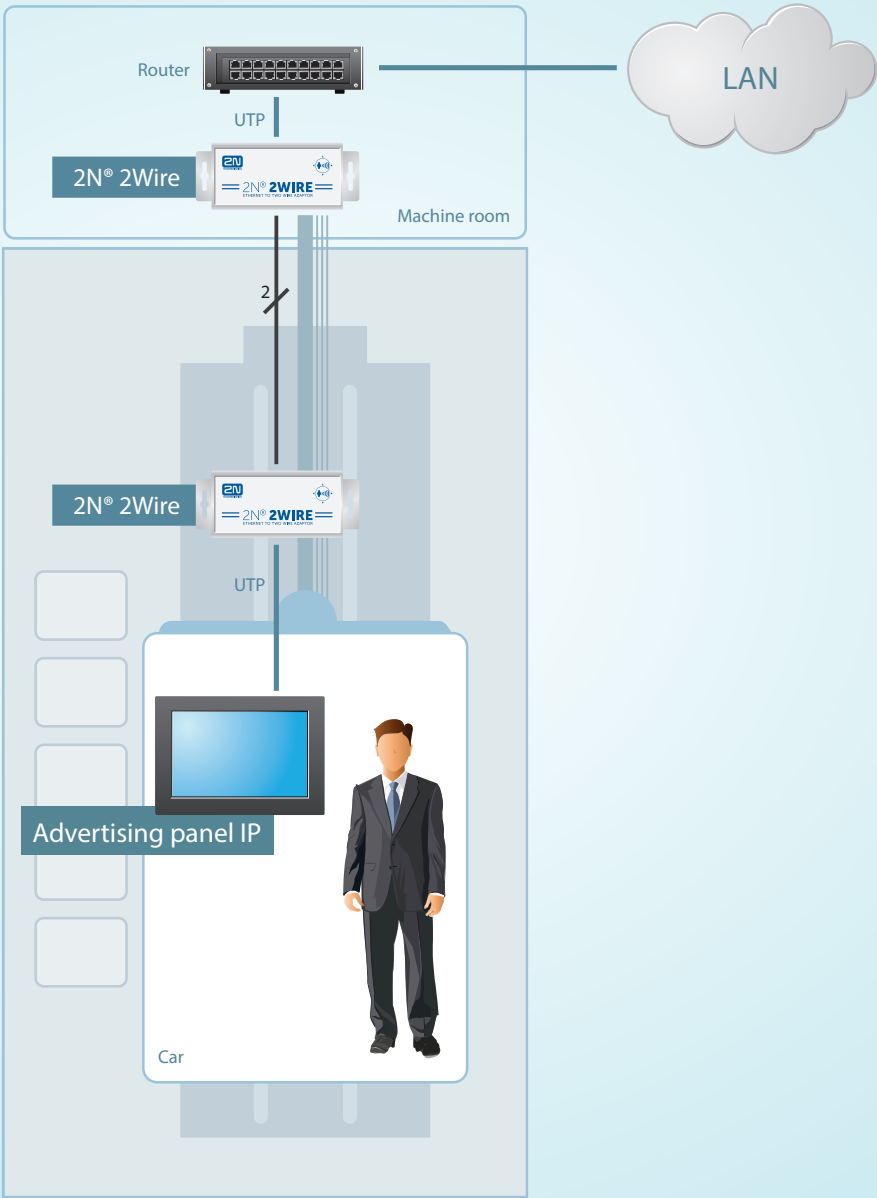- Simple and fast installation
- Low costs

Intended for:
- System Integrator
- Companies installing lifts
- Companies servicing lift equipment
- Call centres for lifts

Use:
- Office buildings
- Residential buildings
- Shopping centres

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)