

2N® EasyGate IP

2N® EasyGate IP turns your analogue communicators into a VoIP-enabled devices without making a single change to hardware in the cabin. This new generation of GSM/UMTS/VoLTE/LTE gateway supports SIP protocol to provide reliable transmission of DTMF codes to the dispatching centre. Device management can be done either locally, or via cloud-based 2N® Elevator Center portal. Monitored in-built battery backup fully complies with the latest elevator norms for emergency communication.

Key features

- Supporting VoIP (SIP over LTE)
- Auto configuration and online monitoring
- Durable industrial mechanics (IP43)



Order No. **5023101E**

Name 2N® EasyGate IP

Desc. With modem

Order No. **5023001E**

Name 2N® EasyGate IP

Desc. Without modem

Order No. **5025101E**

Name 2N® EasyGate IP+

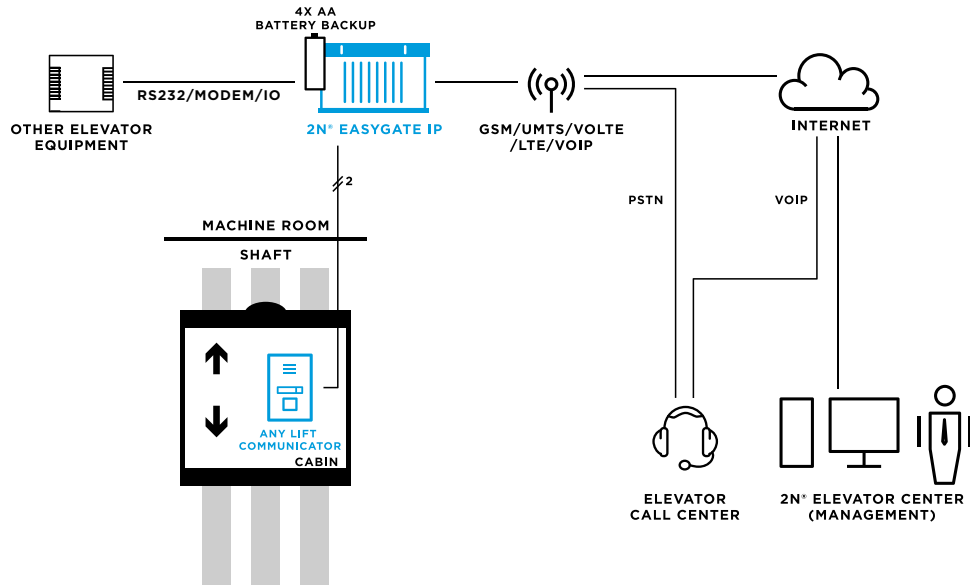
Desc. With modem

Order No. **5025001E**

Name 2N® EasyGate IP+

Desc. Without modem

Installation



Technical Specifications

Voice

GSM networks	850/900/1800/1900 Mhz
UMTS networks	900/2100 MHz (EU) 850/1900 MHz (US) 850/2100 MHz (JPN)
LTE networks (EU/NA/AU)	LTE FDD: B1/B3/B5/B7/B8/B20 WCDMA: B1/B5/B8 GSM: B3/B8 LTE FDD: B2/B4/B12 WCDMA: B2/B4/B5 LTE FDD: B1/B2/B3/B4/B5/B7/B8/B28 LTE TDD: B40 WCDMA: B1/B2/B5/B8 GSM: B2/B3/B5/B8

Data

LTE	LTE FDD: Max 10Mbps (DL)/Max 5Mbps (UL) LTE TDD: Max 8.96Mbps (DL)/Max 3.1Mbps (UL)
UMTS	DC-HSDPA: Max 42Mbps (DL) HSUPA: Max 5.76Mbps (UL) WCDMA: Max 384Kbps (DL)/Max 384Kbps (UL)
GSM	EDGE: Max 296Kbps (DL)/Max 236.8Kbps (UL) GPRS: Max 107Kbps (DL)/Max 85.6Kbps (UL)
Serial Interface	RS232
SIM cards	3 V and 1.8 V

Antenna

Connector type	SMA
Impedance	50 Ohms

Line interface

Interface type	Two-wire, FXS for phone or external PBX line
Connector type	Terminal
Supported modes	DTMF

Power source

Power unit supplied with the gateway	(12 V/1 A), Option to connect an external 10 to 16 V DC power source
Backup power using 4×AA batteries	16/12 kHz
USB Interface	
Configuration and upgrade	Web GUI, or My2N for elevators cloud

Other

Dimensions	195 × 119 × 61 mm
IP coverage	IP43
Operating temperature	-40°C to +85°C
Operational status signalling	4×LED (ON, GSM network, line, data), LED indicator – signal strength/battery status