

GENPRO 425e

4G INDUSTRIAL CELL MODEM (LTE CAT. 4)

This 4G modem transmits data series (RS232 / RS485) or contact status following IP Standard protocols or by SMS in a quick and simple way. Thanks to its comprehensive embedded software offering (EasePro, EaseIP, EGM, EaseNTRIP), it covers a large number of business applications.

2G

3G

4G



Réf. : N1103A8-EPro



Low consumption

180 mA on average in 4G
0.45 mA in standby



Robust

Aluminium case
IP 31



Monitoring

Managing Inputs/Exits
SMS Alerts
Remote control of equipment



Compact

73 x 54.5 x 25.5 mm



Embedded Software

EasePro
EaseIP
EaseNTRIP
EGM



Optimal flow

Technology dual antennas
3G Diversity and 4G MIMO

4G

2 years warranty

CE RoHS 

FEATURES

• Interconnection of equipments

Billboards, charging stations, automatic access points,
product dispensers, etc.

• Monitoring of weather stations, meters, sensors, etc.

• Measurement and threshold alerts

• Transmission of SMS alerts

• Remote control of equipment

• Maintenance alerts

• 4G RTK Bridge

PACK DELIVERED CONTAINS

• 1 GenPro 425e modem with the EasePro app

• 1 cord 4 wires (alim - 1 IN - 1 OUT)

• 1 cord 2 wires (2 IN)

• 2 mounting clips

• 1 operating instructions manual

Option: kit rail DIN (réf. K002)

Option: antenna 4G (recommended réf. 636Z232160)

USE CASE EXAMPLES



Permanent data communication



Remote metering



Radio guidance

GenPro 425e is an industrial cellular modem operating on 2G / 3G / 4G (LTE Cat 4) networks. It transmits data series (RS232 / RS485) or contact status following IP Standard protocols (TCP / UDP / FTP / SMTP) or by SMS in a quick and simple way. The compatible embedded software can cover a wide range of applications: permanent data communication, event alerts, remote reading of meters, RTK data transmission for radio guidance, remote controls, etc. Specifically designed to address the issues related to collection and transmission of all kinds of data this device is configurable locally and remotely.

TECHNICALS SPECIFICATIONS

Interfaces

Antenna	2 SMA-Female connectors
Power supply	+7.2 to 32 VDC (micro-FIT 4 pts connector)
Serial port	1 RS 232 (Sub-D 15 pts female)
Port USB	2.0 Type A / mini-B
SIM	Mini SIM 2FF format
LED	Cellular connectivity
Voice	DTMF decoding

Connectivity

2G	GSM/ GPRS/ EDGE 850/900/1800/1900 MHz
3G	UMTS (HSDPA cat 24, UMTS HSUPA cat 6) 850/900/1900/2100 MHz
4G	LTE (FDD cat 4) Bands 20 (800 MHz) , 5 (850 MHz), 8 (900 MHz), 3 (1800 MHz), 1 (2100 MHz), 7 (2600 MHz) Data rate up to 150 Mb/s DL, 50 Mb/s UL

Spécifications techniques

Dimensions	73 x 54.5 x 25.5 mm
Net Weight	90 g
Sealing	Aluminium
Material	2 mounting clips Optional kit rail DIN (ref K002)
Fixations	-20°C < T* < +60°C
Operating T	-40°C < T* < +85°C
Non condensing humidity	HR < 70% @ +55°C
Atmospheric pressure	700 hPa à 1060 hPa (-400 m à 3000 m)
Power type	7.2-32 Vdc / 15W max.
Consumption	180 mA average in 4G 0.45 mA en veille

Certifications

Reach, RoHS

CE