

GSM-GPRS modem CGU 04

wireless connection of various devices

Industrial controlling systems

Gauges – gas and water meters etc.

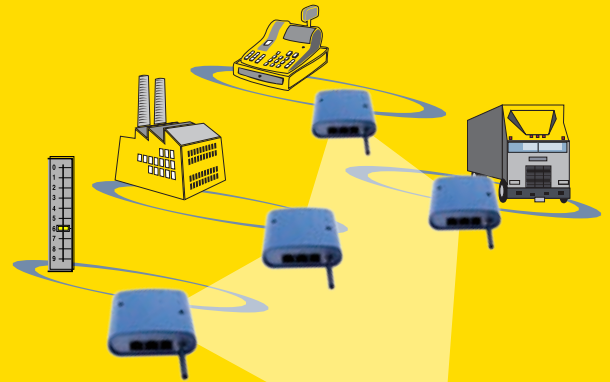
Vending and cash machines etc.

Transport, mobile equipment

Security systems

Modem CGU 04 is designed for wireless data transmission via GSM-GPRS. Installation of CGU 04 is easy and depends just on access to a GSM-GPRS network of mobile operator.

Modem CGU 04 connects wide range of equipment that does not support Internet protocol TCP/IP. Data transmission among modems CGU 04 is secured by various communication protocols – MODBUS, PROFIBUS, S-BUS, MBUS, IEC 60870 and many others. Every modem has its unique password for administration so a data transmission is safe.



Telemetry / Telematics



ISO 9001:2001

WHY CGU 04?

- easy installation
- unlimited area communication wherever GSM–GPRS exists
- connection of many independent devices to one modem possible
- reliable and secure
- possible creating and entry a new communication protocol
- on–line communication
- remote configuration of parameters
- control software RADWIN free of charge
- data compression
- diagnostics
- possible to combine with radio data modems CDA, CDL or IP modems (Internet/Intranet)

Applications

- **Heating systems** – controlling systems, gauges, monitoring of steam piping etc.
- **Waterworks engineering** – controlling systems, pumps, water level monitoring, water shafts etc.
- **Power engineering** – controlling systems in power plants, manometers, thermometers etc.
- **Sale and financial terminals** – cash desks in supermarkets, cash machines etc.
- **Transportation** – car monitoring, freight monitoring, public transport monitoring etc.

ENGINEERING CHARACTERISTICS

Comply standards	ČSN EN 60950:2001, ČSN EN 55022:2003, ČSN ETS 300 342–1:1998 ČSN EN 301 511, v7.0.1; 3GPP TS 51.010–1, v5.5.0
Frequency bands	EGSM900 and GSM1800
GPRS parameters	GPRS multi–slot class 10 (4+2) GPRS mobile station class B
Temperature range	-20 to +55 °C
Power supply	+10 to +30 V DC
Energy consumption	GPRS TX 3,5 W GPRS 1 W GSM stand–by 350 mW
Dimensions	30×90×102 mm (fitting DIN ledge 35 mm)
Weight	150 g
Antennal connector	FME – 50 Ohm
Interface	PORT1 (RS232) – connector RJ45 (150 b/s–115 200 b/s) PORT2 optional RS232, RS485, MBUS – RJ45 (150 b/s–115 200 b/s) CIO – I/O, 5 programmable inputs (analogue, binary)/outputs (opened collector) – RJ45
Diagnostics	detailed data record for previous 4 days (up to 10922 records), configuration of modem parameters and signal measuring, network track testing, inner temperature and supply voltage measurement

your connection...



Conel s.r.o.
Sokolská 71
562 04 Ústí na Orlicích
Czech republic
Tel.: (+420) 465 521 020
Fax: (+420) 465 521 021
E-mail: info@conel.cz
www.conel.cz