

erco & gener

L'esprit modem >>



Supervision, remote-processing and remote-counting applications in the "machine to machine" market segment call upon leading-edge technology using a multiplicity of vectors of communication.

The GenRack 52i uses the GSM (900/1800 MHz or 850/1900 MHz) / GPRS Class 10 technology providing a simple method of information collection in DATA mode or to send and receive SMS.

The GenRack 52i is a robust, reliable and long life product that allows the multiplexing of the PSTN / LL connectivity of the GenRack 54i and the GSM / GPRS connectivity of the GenRack 52i all inside the same rack.

GenRack 52i

- **GSM / GPRS COMMUNICATION**
- **PRODUCT IN RACK**

TECHNICAL CHARACTERISTICS

GenRack 52i

GSM / GPRS FUNCTIONS

- E-GSM 900/1800 MHz (or optional 850 / 1900 MHz)
- ETSI GSM Phase 2+
- Class 4 (2W @ 900 MHz)
- Class 1 (1W @ 1800 MHz)
- SIM Toolkit Release 99

DATA FUNCTIONS

- GPRS Class 10 (Up to 4Rx / 2Tx)
- Supports the PBCCH, Coding pattern: CS1 to CS4
- Asynchronous data Circuit, transparent and non-transparent up to 14400 bits/s
- SMS point to point MT/MO and SMS CB

EMBEDDED SOFTWARE

- Gen Secure:
 - Continuous network surveillance
 - Automatic network attachment
 - Remote controlling via GSM network

INTERFACES on front panel

- RS232 (Female 9-pin Sub-D)
- Antenna (FME - Male)
- SIM card holder on front panel (SIM 3V)
- LED: PWR / GSM
- Power supply 5 Vdc on Connector 41612 (back-board)

ENVIRONMENT & MECHANICAL

- Operating Temperature: 0°C to +55°C
- Storage Temperature: -20°C to +85°C
- Board Dimensions:
 - 100 mm x 160 mm (Europe Format)
- Front face Dimensions:
 - Height : 3 U Width : 40 mm (8TE)

APPROVALS

- R&TTE (Radio & Telecom. Terminal Equipment)

OPTION

- TCP/IP, PPP RFC, TCP Socket
- UDP Socket, SMTP, POP3, FTP, MODBUS

ACCESSORIES

- FME-F Antenna : consult us
- Serial Cable Sub-D 9 M / F : 4404000210
- Rack 504 : Rack 3U 19" 9 boards with power supply 230 Vac / 5Vdc
- Box 502 : 3U 19" 9 boards with power supply 230 Vac / 5Vdc



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