

H2G TERMINAL GSM/GPRS

HIGH QUALITY QUAD-BAND GSM/GPRS TERMINAL



FOR INDUSTRIAL-GRADE M2M APPLICATIONS

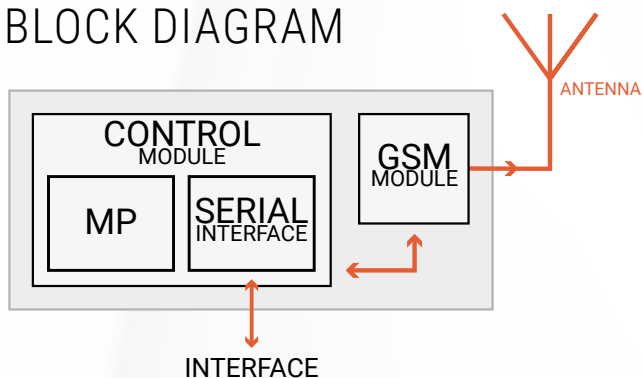
- » VENDING MACHINES REMOTE AUDIT
- » SECURITY AT DISTANCE
- » REMOTE FACILITY CONTROL AND ATTENDANCE
- » REMOTE AUTOMATION



TECHNICAL INFORMATION

WORKING BANDS	GSM/GPRS Quad band GSM/GPRS Phase 2/2+ (in agreement to "Stack 3GPP Release 4")
SERIAL INTERFACE	RS232 PC Microcontroller UART @ 2,8V – 3,2V (Universal Asynchronous Receive Transmit) (Depending upon the hardware to be connected to, a signal level converter may be needed)
CONNECTIVITY	Model 60010742 - IDC 10 pin male Model 60010743 - Flat cable (length: 150 mm)
SMS FUNCTIONS	Send alert messages / Receives text messages for programming Management of messages: reading, deleting, storage status and message listing (only directly on board) Support for the Protocol Data Unit (PDU) mode
GPRS FUNCTIONS	GPRS CLASS 10 Encoding schemes: CS 1, CS 2, CS 3, and CS 4 Class B (doesn't communicate voice and data at the same time) Maximum downlink transmission rate: 85,6 kbps Maximum uplink transmission rate: 42,8 kbps Packet Broadcast Control Channel (PBCCH) Embedded with TCP/IP protocols (SMTP, FTP, HTTP), supporting multiple links
RECEIVER SENSITIVITY	GSM850/900: -108,5 dBm GSM1800/1900: -108 dBm
CIRCUIT SWITCHED DATA (CSD) DATA SERVICES	CSD at the maximum rate of 9,8 kbit/s
MAXIMUM TRANSMISSION POWER	EGSM850 Class 4 (2W) EGSM900 Class 4 (2W) GSM1800 Class 1 (1W) GSM1900 Class 1 (1W)
POWER SUPPLY	6V-18V DC
AVERAGE CONSUPTION	50mA
ENVIRONMENT CHARACTERISTICS	Working temperature: -20 to +70 (°C) Storage temperature: -40 to +85 (°C) Humidity: 5 to 95 (%)
ADDITIONAL FEATURES	SIM application toolkit (STK) Jamming detection
SIM CARD	Only supporting mini-SIM cards (1,8V or 3V)
DIMENSIONS	75 x 34 x 8,5 (mm)
WEIGHT	15g
OPTIONS	Adapter - UFL - SMA (length: 10cm) Antenna - With the following characteristics: Magnetic external antenna, dual band 3dB gain, 50ohm (cable length: 1m)

BLOCK DIAGRAM



MODELS

