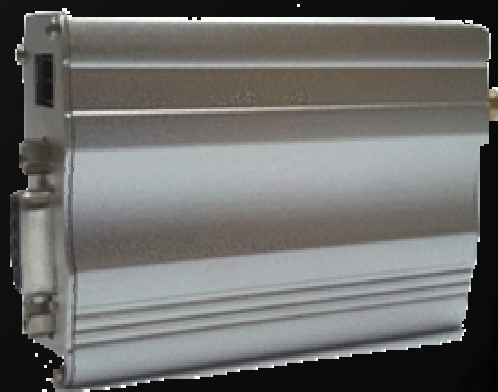
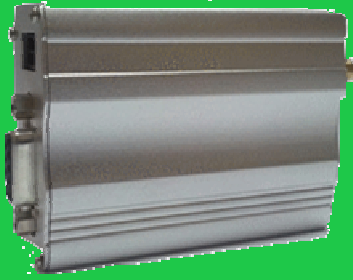


M2M 3G Terminal

HSDPA Modem



PRODUCT OVERVIEW



- HSDPA 3.6Mbps and EDGE/GPRS Class 12
- Triple Band Support for WCDMA: 900/1900/2100 or 850/1900/2100Mhz
- Full Quad Band Support for GSM/GPRS/EDGE: 850/900/1900Mhz
- Extremely small form factor: 73x54x25.5mm
- Extended operational temperature: -45°+85°C
- Very Low power consumption: 1.7mA In Idle
- Ruggedized design for Industrial and Control

M2M Terminal is an easy to use plug & play 3G cellular modem. Based on Sagemcom's Hilo 3G embedded modem, the 3G M2M Terminal is controlled by standard AT Commands via serial RS232 connector, with its robust aluminum case, it enables the usage in harsh industrial and control environments.

Thanks to its extremely low power consumption, the 3G M2M Terminal increases the autonomy of your battery - powered application.

Most extended range and best in class sensitivity the 3G M2M Terminal enables operation at extreme and remotely environments where network coverage is inferior.

TECHNICAL FEATURES

Environment

- DB9 Industrial Connector
- Size: 73x54x25.5mm
- Weight: 78g
- Operational Temperature Range: -40°C - +85°C
- Power Supply DC Voltage: 5-24V using a secured Molex DC power connector
- Antenna Connection: SMA
- Consumption in standby mode (can receive a call): < 1.7mA

Radio Link

- HSDPA 3G Triple band support
- 900/1900/2100 or 850/1900/2100Mhz
- Full Quad Band Support for GSM/GPRS/EDGE 850/900/1800/1900Mhz
- GPRS Multislot Class: class 12: 86 Kbps for DL & UL
- Coding schemes CS 1-4
- EDGE Multislot Class: class 12: 236.8 Kbps for DL & UL
- Coding schemes MCS 1-9
- HSDPA Supports Cat: 5/6 385Kbps for UL, 3.6 Mbit for DL

Data Interface

- 8 lines serial Interface
- Full Hardware and Software Flow Control
- AT commands set: GSM 07.05;07.07
- Proprietary AT commands
- Data over CSD and Fax supports

GSM Features

- Auto answering for Data call
- Internal Phonebook
- CLIP / CLIR / COLP / COLR
- Call wait / call hold, Conference call
- Call forwarding, Call Barring
- Supports of: FDN, USSD, Sim Toolkit
- PDU and Text mode SMS support

Localization

- SMS CB, Cell ID
- Network cells measurements

Security

- SIM lock supported
- SIM 3V & 1.8 V supported Module reset/alarm based on RTC

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