

## GSM/GPRS SERIAL MODEM

The S3 is a Cellular modem that operates over the GPRS/GSM network. It supports both the GPRS packet-switched and the GSM circuit switched data services. Can be used for the varying applications

- Utility meters readings
- Electronic road displays
- Traffic signal monitoring and control units
- On-board vehicle computers for vehicle tracking
- Mobile dispatch and field service
- Surveillance video cameras
- Data logger

Frequency Bands

900 MHz @ 2 Watts

1800/1900 MHz @ 1 Watt

Host Interface

RS232 Serial Data port

Supports AT command interface, GSM 07.07, 07.05

Speeds from 1200 bps to 115200 bps

Interface Connector

DB9 - female

Data Services

GPRS class10: Max 85.6 kbps (downlink)

PBCCH support

Coding Scheme 1,2,3,4

CSD upto 14.4Kbps, USSD, Non Transparent Mode

PPP-stack

Short Message Service (SMS)

Point to point MO and MT

SMS cell broadcast, Text and PDU mode.

Antenna Connection

SMA 50 ohms - female

LED Status Indicators

GSM

Power Specifications

Input Voltage

7 VDC to 30 VDC (12 VDC nominal)

Consumption @ 12 VDC

Transmit : 120mA

Environmental

Operating temperature: -20°C to +55°C

Storage temperature: -40°C to +80°C

Drivers

Microsoft Windows Mobile, RIL driver, MUX driver.

Physical Characteristics

Dimensions

Open Frame:60mm x 80mm Closed: LxWxH 80mmx66mmx27mm