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Connecting. Converting. Leading !

Document name: Specification sheet for Dual SIM 2G Modem, GS12 Series

Features



Backup Mode

- ✓ USSD, 0710 MUX protocol embedded TCP/UDP protocol
- ✓ PPP Stack, FTP/HTTP, Non Transparent mode
- ✓ MMS, SMS support
- ✓ Output power < 35 dBm
- ✓ Sensitivity < -110 dBm
- ✓ Control via AT commands (GSM 07.07 and 07.05)
- ✓ GPRS multi-slot Class 12/10/8
- ✓ Complaint to GSM phase 2/2+
- ✓ Coding Scheme: CS1 to CS4
- ✓ CSD up to 14.4 kbps
- ✓ Support Dual SIM, Dual Modem and Active mode & Active

Specifications

Band

2G Modem : GSM 850/ 900
: DCS 1800/ PCS 1900 MHz

Data rate

CSD : Downlink/Uplink up to 14.4kbps
2G Modem : Max. 85.6kbps (Uplink & Downlink)

Interface

Interface : RS232 (DB9 female connector) or
: RS485 (3 pin screw Terminal block)

Voice

Tricodec, Half rate (HR), Full rate (FR), Enhanced Full rate (EFR)
Hands-free operation
(Echo suppression)
AMR, Half rate (HR), Full rate (FR)
Analog Audio Interface (**Optional**)

Power Supply

24V DC (Range : 9 to 36V), 1A supply
Screw type connector with 3.81mm pitch
Use external adapter for 230V AC Input

Power consumption
0.8 W During no communication when network registered
1.6W During data/voice mode

Environmental Conditions

Operating Temperature : -20° to 70°C
Storage Temperature : -40° to 85°C
Relative Humidity : upto 95% Rh non condensing

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Mechanical

Enclosure : Metallic Enclosure with DIN rail mounting
Dimension : 94 x 80 x 34 mm (only enclosure). Dimensions subject to change

LED Display

Network status, Power ON and Tx, Rx

GSM Modem Accessories

Antenna : 2 no's. 50Ω SMA Female Connector
: High Gain Antenna is available as option
SIM & Holder : 2 no's. Push Type. UIM/SIM 1.8V/3V
: Customer to provide suitable SIM Cards

Environmental Tests

The product is designed to meet various EMI/EMC standards

Ordering Information: GSX1-232/485

GS12-232 : 2G Dual SIM Modem with RS232
GS12-485 : 2G Dual SIM Modem with RS485