

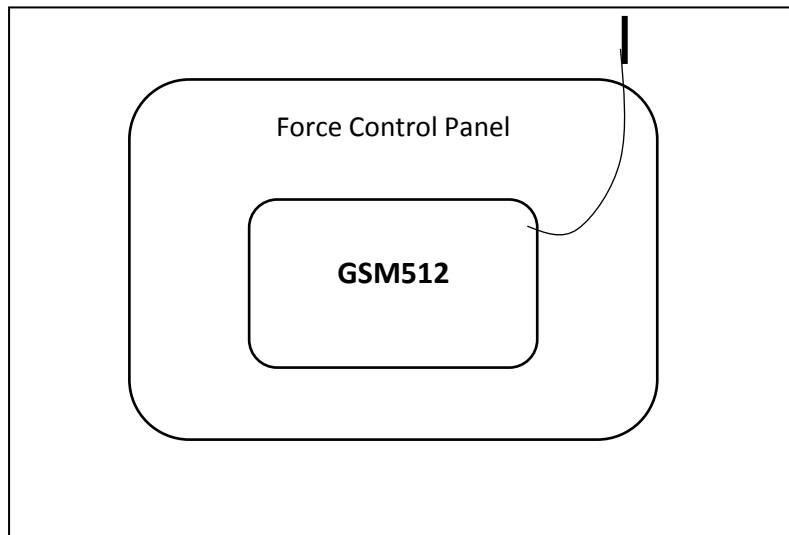
GSM512 GSM Transmitter Specification

Rev. 1.0

GSM512 is GGSM/GPRS transmitters for alarm system.

GSM512 supports two SIMs.

GSM512 is connected to the Force control panel as an Add-On module:



Technical specification:

Frequency Band

Quad-band:
850/ 900/ 1800/ 1900MHz

Data

GPRS Class 12:
Max. 85.6kbps (Uplink & Downlink)

PBCCH

Coding Schemes:

CS 1, 2, 3, 4

USSD

Non-transparent Mode

SMS

Point-to-point MO and MT

Text and PDU Mode

Voice

Speech Codec Modes:

Half Rate (HR)

Full Rate (FR)

Enhanced Full Rate (EFR)

Adaptive Multi-Rate (AMR)

Echo Arithmetic:



FOR BETTER PROTECTION

Echo Cancellation

Echo Suppression

Noise Reduction

Interfaces

(U)SIM Card Interface:

× 2, (U)SIM 3.0V/ 1.8V

UART

Antenna Pad

Electrical & Sensitivity

Output Power:

Class 4 (2W @850/ 900MHz)

Class 1 (1W @1800/ 1900MHz)

Consumption:

1.3mA @DRX=5

1.2mA @DRX=9

Sensitivity:

GSM850: -109dBm

GSM900: -109dBm

DCS1800: -109dBm

PCS1900: -109dBm

Supply Voltage:

3.3V~4.6V, 4.0V Typ.

General Features

GPRS Multi-slot Class: 12, 1~12 Configurable

GPRS Mobile Station: Class B

Extended Temperature: -40°C ~ +85°C

GSM 07.07, 07.05 and other Enhanced AT

Commands Sim 3V & 1.8 V supported