



## GSM/GPRS Transmitter:

### Single Input GSM/GPRS Transmitter

The GSM/GPRS transmitter acts as a RS-485 MODBUS master/ slave and read the specified parameters from the input source(e.g. Energy meter)on regular intervals. The instantaneous data at end of transmission interval will be sent to specified email addresses (maximum 3 email addresses) in .CSV format, so user can read the data either in MS-Excel format or text format & optionally the data can be uploaded to the client server through FTP transfer. It also provides remote SMS alarm facility to predefined SIM numbers. It's an efficient & cost effective solution for data monitoring applications.

#### Key Features:

- Data upload over quad band
- RS-485 interface (MODBUS Master or slave)
- 12 VDC or 24 VDC supply input with low current consumption
- Data transfer via Email(.csv format) or FTP
- SMS alert to pre-defined SIM nos.

#### Application Areas:

- Factory automation in hazardous environment
- Weather station recording
- Airports
- Pharmaceutical industries
- Remote monitoring of generator
- Drilling rig & FPSO's units (floating production, storage and offloading)
- Electric power plants monitoring

## Technical Specifications:

GSM-GPRS Transmitter Module	
Description	RS-485 Input GSM-GPRS Transmitter Module
No. of Inputs	1 No.
Input Types	RS-485 (MODBUS)
Output	Data transfer over email (max. 3 Email Id's) OR FTP to client server (optional)
Data Format	Email (.csv file) OR FTP on web server
Transmission Interval	15min to 24Hrs
GSM/GPRS Range	Quad Band 850 / 900 / 1800 / 1900 MHz Class B
Supply	24 VDC +/- 20 %
Requisites	<ul style="list-style-type: none"><li>• SIM card borne and maintain by customer and inform the service provider for the SIM cards in advance</li><li>• Mobile/SIM nos. on which data is to be transmitted, should be informed in advance</li><li>• Parameters which are to be transmitted will be factory set</li></ul>
Temperature	Operating : 0°C to 50°C Storage : 0°C to 50°C
Humidity (Non-Condensing)	Up to 95% RH
Housing & Type of Mounting	Wall Mounting ABS Enclosure
Dimensions	120 mm(W) X 65 mm(H) X 40 mm(D) (with mounting plate)

## Optional Features:

SMS Alerts	SMS alerts can be generated to 3 predefined mobile numbers on any alarm event
Data Transfer via email	Data Transfer after regular user settable interval to 3 email addresses in .csv format or report format
Data Transfer to Server	Data Transfer after regular user settable interval to the client server in FTP format

## PC Software:

Windows based PC software to:

- Set time interval for data transmission
- Define SIM nos. & Email addresses
- Generate & save reports
- Optional 21 CFR compliant software features



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