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DYNATEK GSM COMMUNICATOR

Introduction:

Now a day's security and remote Alarm is very essential. Dynatek has developed very advanced and economical GSM based monitoring system. This unit is suitable to connect 16 potential free inputs. When any connected input gets activated It will be sensed by unit & SMS will be send to 10 preprogrammed mobile numbers. There is a provision for selection of category like **Supervisors** and **Engineers** or **Managers** and **Engineers**

For Example

Engineer: will get all fault SMS

Supervisor: will get only selected Fault SMS

Features:

- 1) **16 X 2 LCD Display**
 - 1) I/P fault
 - 2) SMS sending event display
 - 3) Error indication.
 - 4) Real Time
- 2) All 16 I/P string can be programmed through PC.
- 3) User settable Station ID. Code
- 4) User can be set RTC at PC Time or Can enter Manually.
- 5) Worldwide coverage.
- 6) 32K SIM Card interface.
- 7) RTC with calendar.
- 8) RS232 or RS485 (optional)interface.
- 9) 16 I/O Ports are provided.
- 10) Isolated supply for I/P fault and system operation.
- 11) potential free O/P for Hooter (Optional)
- 12) User can select "NO" and "NC" input.
- 13) Settable time delay for I/P.



Technical Specification:

- ☑ 230 VAC/50 Hz.
- ☑ Range Worldwide coverage
- ☑ Serial interface baud rate 9600bps
- ☑ Serial Interface RS232 on DB9 connector
- ☑ LCD Indications for power, SIM status and I/O
- ☑ I/P ports 16 Nos.
- ☑ Potential free O/P for hooter

Connection Details:

- 1) Power supply 24 VDC/ 1A.
- 2) Inputs and COM line.
- 3) O/P potential free (Common and No)
- 4) DB9 RS 232 port for PC Communication

Hardware installation:

- 1) Connect 24 VDC SMPS.
- 2) Connect Serial cable from DB9 connector to PC serial port
- 3) Connect all Potential free contact in bet'n Com and Each I/P

Testing:

- 1) Make to Closed any I/P fault, corresponding **SMS** string will send to Selected mobile phone as an **Alarm.**

**String displays on Mobile: Station Id: DYNATEK Dahisar Check naka
Mumbai- 400068.**

**Time : 12:45:23(hh:mm:ss)
Alarm : Low lub oil pressure**

- 2) Make to open same fault again corresponding SMS string will send to selected mobile phone as a Clear.

**String displays on Mobile: Station Id: DYNATEK Dahisar Check naka
Mumbai-400068.**

**Time : 12:45:23(hh:mm:ss)
Clear : Low lub oil pressure**

