



## IoT Data logger: SMIT 2495

Samyak has come up with a range of products suitable for IoT applications.

- SMIT 2495 is a Microcontroller based product with GSM interface for connecting field instruments with computer software.
- Collects real time data from field instruments and pushes data through Lan cable/ethernet cable to any local Computer.
- SMIT 2495 saves data in local non-volatile flash memory in case of network issues.
- Send data to the server when network connection is restored to avoid data loss.
- Supports MQTT, FTP, Http Protocols

### General Specifications:

- Display: 3.2-inch touch screen
- Operating Supply : 24VDC / 2.5Amp
- Analog Input: upto 4 (4-20 mA / 0-10 VDC / 0-5 VDC)
- Digital Inputs: 2 from Potential free contacts
- Digital output: Two Signal Output
- Serial Port #1 : RS-232 / RS-485
- Serial Port #2 : RS-485
- Ethernet TCP/IP Interface optional
- SIM Card / Wi-Fi Interface to access the internet
- Internal Memory : 32 GB
- Enclosure: DIN rail mount, Plastic



- Samyak GSM Gateway can be integrated with Third party (Existing) ERPs.

### Samyak also provides Cloud solutions. Features of Samyak cloud solution:

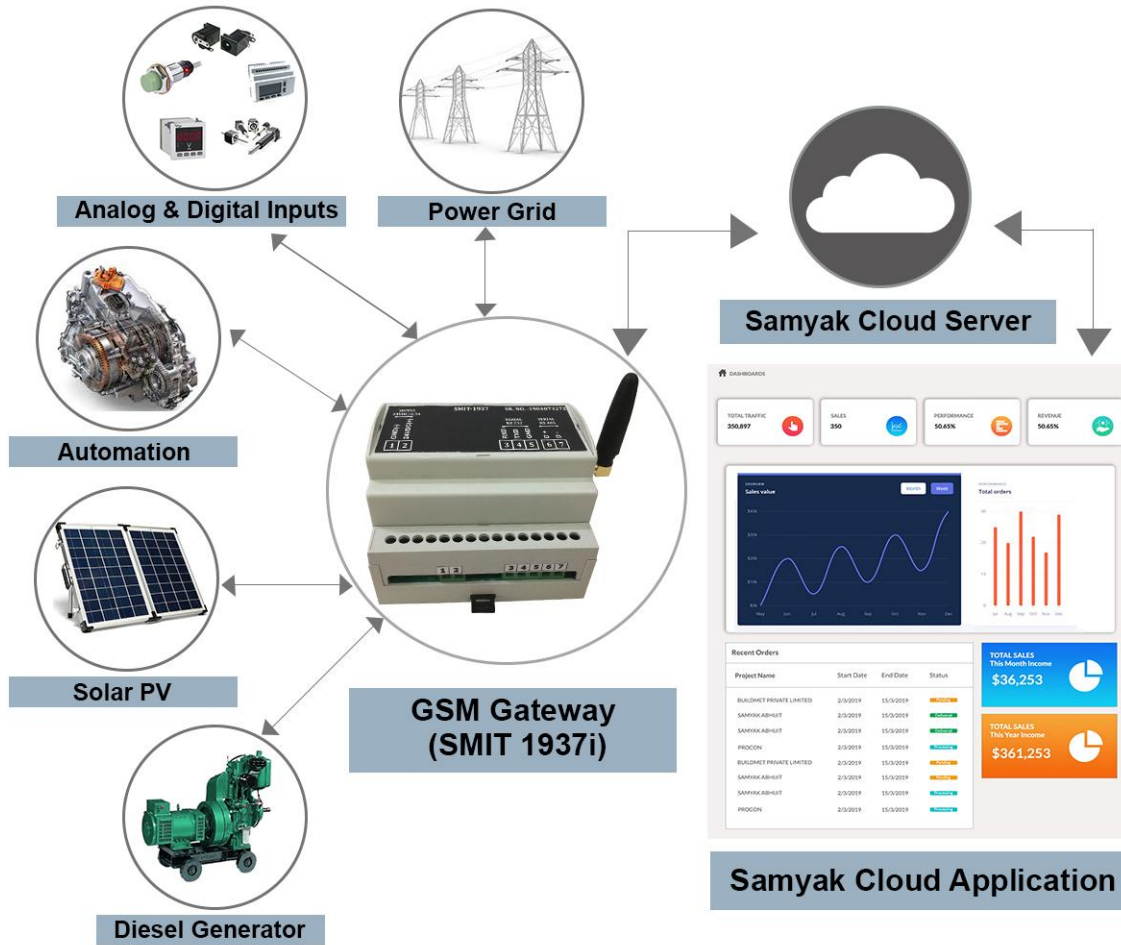
- Hosted on Server
- Can connect to multiple Samyak GSM Gateway Devices
- Live Data can be Monitored over internet
- Trending and Different type of Graphs option available
- Easily Integrate with Customers ERPs and other Enterprise application
- Easily configurable
- Attractive Dashboard with all required data
- Reports can be generated Over the Internet anywhere
- Multiple Users can access the System as per their Roles and Rights

- Samyak can Design Customized System as per requirement.

## Samyak Instrumentation Pvt. Ltd.

F/4, Memnagar Complex, Opp. Petrol Pump, Memnagar, Ahmedabad-380 052, India  
Phone: 91-79-27495500/5600 E-mail: [sales@samyak.com](mailto:sales@samyak.com) url: [www.samyak.co.in](http://www.samyak.co.in)

## Applications Diagram



## Samyak GSM Gateway Application Areas

- Solar Panels / Grids
- Diesel Generators
- Weighing Automation
- Chemical / Pharma / OIL & Gas / Automobiles Industries
- Different types of Field devices can be connected and transfer data on the cloud
- Power Plants or Grids
- Process Automation
- Analyzer Industries

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