

Common Automatic Meter Reading System CAMR

- Compact
- Easy Installation
- Environmentally protected, IP55
- Remote Management (Programmable, Configurable)
- Highly Intelligent
- IP Based (GPRS/CDMA)
- Supports DLMS Meters



Analogics Tech India Ltd., a pioneer in Hand Held Terminals and computers for electricity meter reading and billing applications, explored further to provide single point multi technology Automatic Meter Reading Solutions (GSM, GPRS, CDMA, PSTN, Low Power Radio modem PLCC technologies). GSM/GPRS based Common AMR (CAMR) system is the most intelligent, compact & complete AMR hardware, ready to install in existing meter boxes, to interface with any meters

Salient Features of CAMR

- On line monitoring of vital Billing parameters (like energy, demand, MD), Tamper events, Power quality
- Load Control (Smart Grid Compliant)
- Power Outage Management and Power Quality Monitoring
- Energy accounting
- Data collection from different energy meters, irrespective of make and model.
- Supports any of the communication technologies like; GSM / GPRS / CDMA / PSTN...
- In built universal power supply (single phase or three phase) and also has built in Power Backup
- Can collect data from a meter communicating on a proprietary or open domain protocol (like IEC1107, DLMS etc..)
- Supports two way communication, facilitating for monitoring, control and administration.
- Tamper Management
- Facilitates GPS time synchronization from Central server for effective energy audit.
- Type Tested for protection against Environment, EMI - EMC, Surge & AC Voltage etc.
- R-APDRP Compliant

Specifications

- Built in ARM Processor.
- 4MB Non volatile Data memory.
- 1 Open collector output for external device control.
- 1 Input for tamper sensing.
- RTC with backup power.
- Dual-band 900/1800 MHz E-GSM/GPRS Modem.
- Maximum output power: 2W for GSM 900 MHz.
1W for GSM 1800 Mhz.
- Inbuilt 6 KV surge protected SMPS
- SIM Interface: 3V/5V.
- Sensitivity -107DBM
- 3dBi gain screw or mag mount antenna with 1meter cable length (optional-variable cable length, 10dBi gain antenna).
- GSM Data Rate: 14.4 Kbps max (depends on service provider)
- GPRS Data Rate: 115 Kbps max
- Input voltage: Place 440V instead of 300V.
- Compact, light weight and easy to mount / install
- IEC 1107, Pact, ANSI compatible optical port for interfacing most of the reputed energy Meters.
- Average Data Storage per day : 10 K Bytes
- Variable sampling rates ie: 1 to 30 min.



Dimensions : 141 x 83 x 33 mm

Operating Temperature : Shall be -10 to +60 degrees

Humidity : Shall be 95% RH

VA burden : < 3.5 VA

Note: Preliminary Data Sheet : Features / Specifications subject to change to improve product performance

Contact us for more information :



ISO 9001: 2008 COMPANY

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