**Overview**

Analogics Smart Retrofit Module (SRM) is used to convert any Electronic Energy Meter into Smart Meter with a retrofit arrangement. It can read energy meters of different makes and models with proprietary or open domain protocols. SRM has provision for load connect/disconnect and provision for connecting (RS232/optical) to communication port of the existing energy meter. It can be enabled with either RF based or GSM based communication module. GSM enabled SRMs can directly send the real-time meter data to HES over 2G/3G networks whereas RF enabled SRMs will communicate to the HES via GPRS enabled HHC/ DCU.

**Features**

* IP 51 compliant
* Converts any electronic energy meter into smart meter with a retrofit arrangement
* Built-in intelligent wireless communication (RF/ GSM/ GPRS) module
* In-built universal power supply which is connected to the PT Terminals of the energy meter with least burden. This universal power supply is designed to cater wide range of AC voltages (70 to 440V, 50Hz/ 60Hz) with 10kv surge protection
* The System alarms are logged to keep record of SRM’s functionality
* 80A rated latched relays for Connecting/ Disconnecting the energy meter
* Operating temperature range of -10°C to 70°C with a Relative Humidity tolerance of 95%, Non-condensing