

## Smart IOT Gateway for Remote Monitoring of all solar plants



### Easy to Install

Compatible with all inverters. It has provision of DIN rail mounting.(1 KW to 1000 Kw)



### Informative Dashboard

Monitor using web portal or Mobile app. All solar plants data under one login.



### Alert notifications

Notification via Email on occurrence of fault or error



### Maximize PR

Effective monitoring improves plant uptime and maximizes PR.



### Effective O & M

More than 40% savings in O&M cost.

## Compatible with following brands :


















<b>Electrical specification's</b>	
<b>Input supply voltage</b>	7-12 V
<b>Current consumption</b>	< 1A
<b>Power consumption</b>	<5 W
<b>Communication</b>	
<b>Network type</b>	4G / Wifi
<b>SIM card type</b>	MINI
<b>Time interval for Data logging (on server)</b>	1 to 15 Minute
<b>Interface</b>	
<b>MODBUS RTU</b>	RS-485 (2 Wire)
<b>Baud Rate</b>	9600
<b>Maximum no of inverters that can be connected</b>	5/10/20/25
<b>Communication Protocol</b>	RS485 MODBUS RTU
<b>Type of compatible devices</b>	Inverters, Energy Meters, String Monitoring Cards
<b>Sensors</b>	
<b>No of sensor inputs</b>	4 Analog & 4 Digital
<b>Compatible Sensors output</b>	4-20 mA Or 0-5 V
	Note: auxiliary supply to sensors shall be 12 V
<b>Memory</b>	
<b>EEPROM</b>	It can store data for 2 days in case the connection to server is lost.
<b>SD Card</b>	8 GB
<b>Indications</b>	LED for 1.Power 2. Server connection 3.Modbus Connection 4.Network
<b>Protection</b>	1.Reverse current protection 2.Isolated RS-485 transceivers
<b>Operating conditions</b>	
<b>Operation temperature (Ambient)</b>	0 to +50 degree
<b>Humidity</b>	0-95% Non-condensing
<b>Mechanical specifications</b>	
<b>Dimensions</b>	110mm*90mm*72.5 mm
<b>Protection</b>	IP50