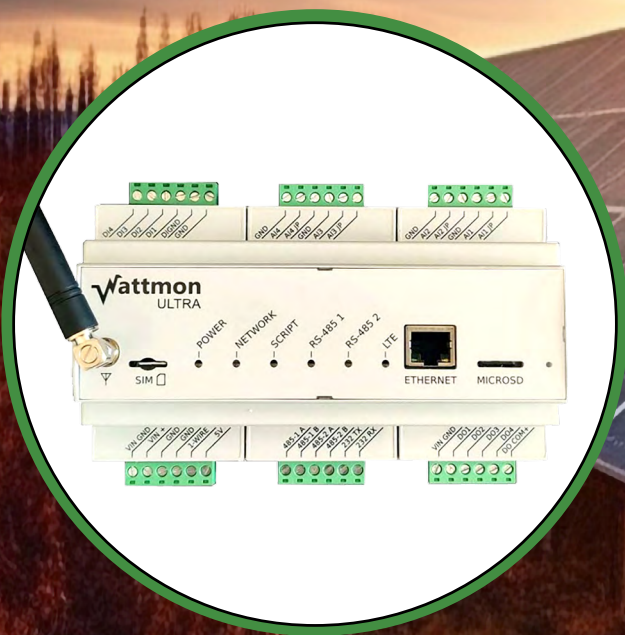


KUSUM ULTRA

DATALOGGER



ACCURATE MONITORING

Real-time data for better performance



EASY INSTALLATION

Quick and hassle free setup



DEDICATED SUPPORT

Timely assistance whenever you need



Kusum ULTRA Data Logger

TrackSo Kusum ULTRA Data Logger are India's leading smart plug 'n' play gateways which can be connected with more than 100 brands of solar PV Inverters, Energy Meters, Weather Monitoring Stations, Variable Frequency Drives [VFDs], String Monitoring Systems and all Analog, Digital and MODBUS Enabled Sensors.

- ☀ Easy to install, economical to maintain and upgrade.
- ☀ Support all major brands of inverter with Modbus RTU RS-485.
- ☀ Possible to connect different brands of inverters within a single plant.
- ☀ Stores all data to the on-board memory during internet unavailability.
- ☀ LED Indicators to identify the power, signal, Modbus connection status.
- ☀ Very low consumption of data on mobile networks.



**Retrofit for all
MODBUS Networks**



**SMS enabled
Slave Control Ability**



**Up to 20 days of
On-Board Data Storage**



**Remote configuration available
Over The Air**



**Optional
Battery Backup**



**Connects up to
15 Slave Devices**



**Delivered with
IP-65 Enclosure**

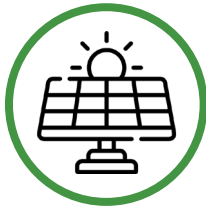


**Connectivity
LAN, Wifi & SIM (4G/3G/2G Network)**

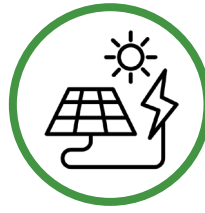
Trusted By



Connects All Assets



✓ Solar PV Systems



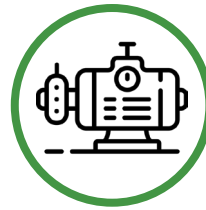
✓ Solar PV Strings



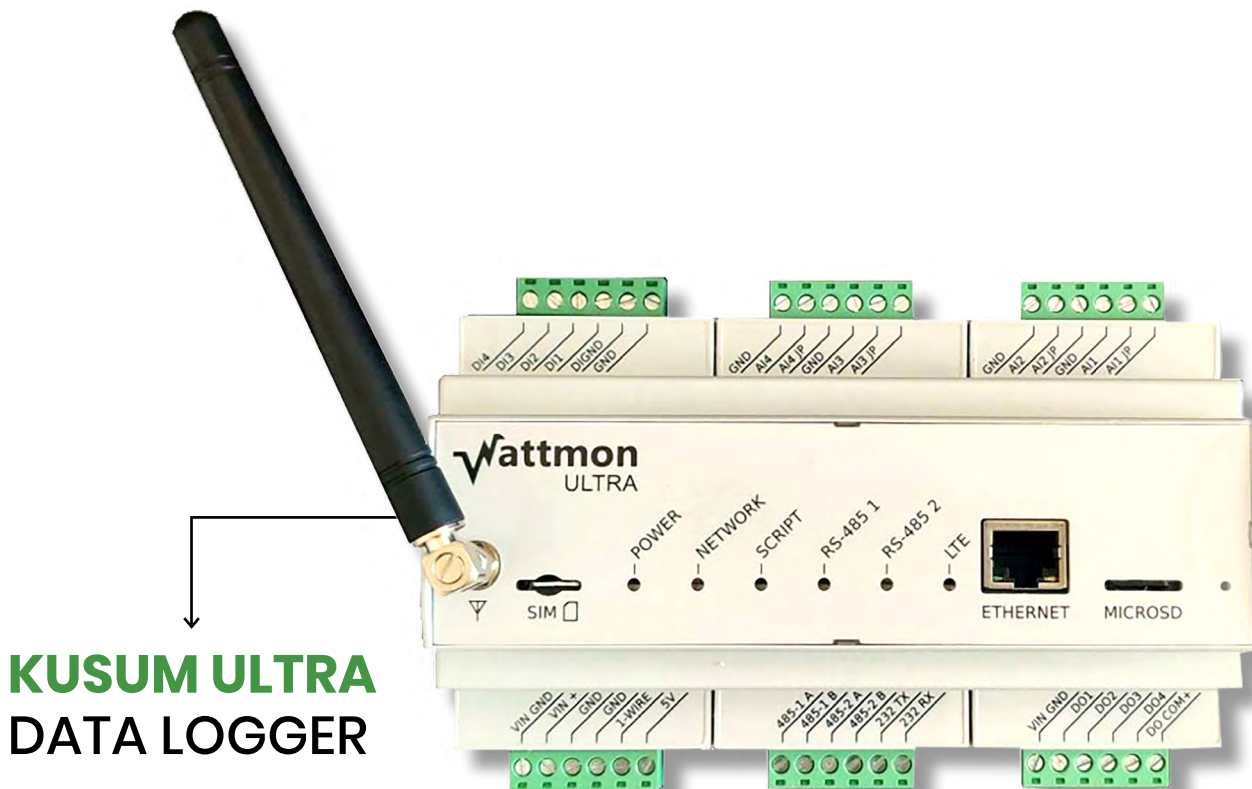
✓ Energy Meter



✓ Weather Station



✓ Water Pump



**KUSUM ULTRA
DATA LOGGER**

Specifications

Communication

- Two RS-485 Modbus RTU ports for communication with up to 15 Slaves
- Modbus TCP Client mode for communication with up to 20 Channels
- Modbus TCP Server mode to interface with SCADA systems
- RS-232 Serial Port

Inputs & Outputs

- Dallas 1-Wire bus
- 4 Configurable Analog Inputs: mA / V
- 4 Digital Inputs
- 4 Digital Outputs

Power

- Wide input voltage range: 6-60V DC
- High Efficiency DC-DC converter
- Low Power Consumption of < 4 Watts

Network

- 100 Mbit Ethernet
- 4G LTE | Nano-SIM
- Wi-Fi (AP and STA Modes)

Storage

- 32 MB RAM
- 64 MB Internal Flash Storage
- 16 GB MicroSD Card

Data Collection & Export

- CSV Format
- HTTP/HTTPS / FTP/SFTP / MQTT/MQTTS

Notes:

1. UPS Power Supply for the Device is required.
2. To be Installed Indoors or in an IP65 Enclosure for Outdoor Installation.
3. Use Crossover Ethernet Cable with the Logger.

200+ MW

INSTALLED KUSUM PROJECTS

4000+

SOLAR SITES

Rooftop & Commercial, Solar Water Pumps, Zero Export Systems

9000+

UNITS MONITORED

Inverters, Sensors, Meters, Water Pumps

Email Us

✉ **Support:** support@trackso.in

✉ **Sales:** sales@trackso.in

Monitoring Sites

