

IOT DATALOGGER

Stand-alone Data logger is an innovative product from Vyom IOT Machines sporting latest technology and is a key tool to collect various physical parameters for further analytics. The device serves best in the situations requiring both stand-alone and portability features. Being very handy and light weight, it can be conveniently carried out in the pocket making it suitable for situation demanding temporary data collection. It is a universal product designed to be used anywhere in the world with the advantage of logging data in any local time zone. The display is on the cloud dashboard with secured credentials for each device along with a mobile application to view and mathematically analyse the readings. This device is powered by solar.

TECHNICAL SPECIFICATIONS:

- **Design:** 32-bit RISC CPU: Tensilica Xtensa LX106.
- **Connectivity:** IEEE 802.11 b/g/n Wi-Fi; WEP or WPA/WPA2 authentication, or open networks. customized according to a hotspot or WiFi network.
- **No. of Channel:** (1 for analog input/1 for digital input,1 for SERIAL).
- **Options:** Channel Selection/buzzer Alarm/High battery backup.
- **Log Interval:** 1 message/15sec .Total - 8200 messages/day,3 sensors at a time.
- **Timing:** Supports multiple time zones and is updated via internet.
- **Power Supply:** DC Operated/AC 1A USB adapter.
- **Data Storage:** On cloud with Time,Date stamp,Time zone in a .CSV file,JSON and XML which could be used in further app.
- **Data Logging:** Real time with programmable log.
- **Settings:** Configurable online via cloud dashboard.
- **Additional Pricing:**<https://thingspeak.com/prices> for multiple devices or bulk purchase and their monitoring on single dashboard.
Sample dashboard- <https://thingspeak.com/channels/238255>

