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FernLite WiFi Gateway

Description

FernLite WiFi is the perfect fit for robust monitoring of small-scale commercial, industrial or residential applications. It enables data collection from all key components of the system as well as the configuration of component parameters.

Features

- **Wide compatibility**

  The FernLite gateway is compatible with a wide range of components (eg. inverter, charger, power meter) that have a serial port.

- **High data resolution:**

  Collection of 1 minute resolution data from connected devices, vs the 15 minutes that most API integration allow.

- **Internet connection:**

  WiFi

- **Bi-directional communication:**

  Take action by controlling each component with access to remote configuration.

- **Security:**

  End to end SSL encrypted data transfer.

- **Data usage:**

  Very low internet data bandwidth used per system (<50Mb/month).

- **Mounting:**

  Compact and DIN-rail or wall mounted casing.

- **Set-up:**

  User friendly installation via wizard

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Technical Specifications

General

Operating System:	Linux
Processor Model:	HF-LPT230
Nominal voltage:	5-36 VDC
Running power	1.8W (max)
Working Temperature:	-40 °C to +85 °C
Storage temperature range:	-45 °C to +105°Cm 5 to 95% RH
Dimensions (W/H/D):	27mm/17.8mm/68.5mm
Product weight:	35g (with antenna)
Mounting:	Wall mounting

Device connection

Communication interface:	WiFi, RS232, RS485
WiFi Security:	WEP64/WEP128/TKIP/ AES

Measurement

Accuracy:	Measured accuracy is dependent on sensors in the field
Frequency:	Maximum 1 minute