

FernLite WiFi Gateway

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.



Data Usage

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



Bi-Directional Communication

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

Security

End to end SSL encrypted data transfer.

Internet Connection

WiFi

Mounting

Compact and DIN-rail or wall mounted casing.

Set-up

User friendly installation via wizard

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