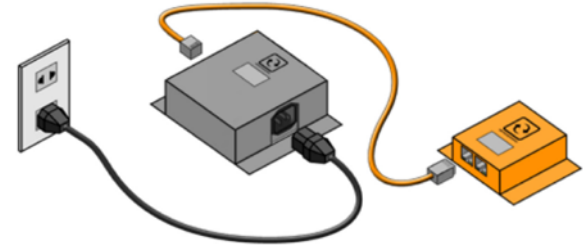
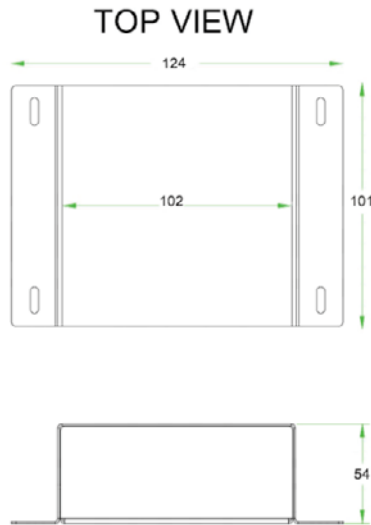




## Power Quality Sensor (PWR-AC-QUAL)



### General Description

Designed to monitor single phase power quality in your critical facilities and edge infrastructure sites. Designed to monitor single phase power circuits; giving you an insight of your power quality at your power's edge.

### Key Features

- plugs into the base unit (BASE-WIRED).
- can be used as a standalone device(without the BASE-WIRED).
- integration via SNMP , ModBus, JSON and XML (Requires BASE-WIRED)
- alerting via email, SMS or SNMP Traps.
- plug and play, no electrician needed. Simply plug it in a power socket and start monitoring your power quality.
- log file can be downloaded via micro USB 2.0 connection
- with proximity sensor for OLED activation
- THD measurement limits based on IEEE 519-2014

### Technical Specifications

Power Source:	SensorGateway (BASE-WIRED) / AC 100 - 240 v
Power Usage	460 mW
Voltage	100-240V AC Single Phase
Voltage sampling rate	0.2s (as per IEC 62053-22)
Frequency	50 - 60hz
Accuracy	+ - 1V
Detects	<ul style="list-style-type: none"> <li>- short and long power failures or interruptions</li> <li>- voltage swells, spikes or over-voltage</li> <li>- voltage sags, dips or under-voltage</li> <li>- harmonic voltage distortions (THD)</li> <li>- frequency fluctuations</li> </ul>

### Environmental and Physical Specification

Operating temperature range	0°C to +75°C (32°F to +167°F)
Operating humidity range	< 90% rH (non-condensating)
Dimensions	124 mm (4.88") x 101 mm (3.97") x 54 mm (2.)
Weight	0.5 kgs (1.1lbs.)