Log4.PoE

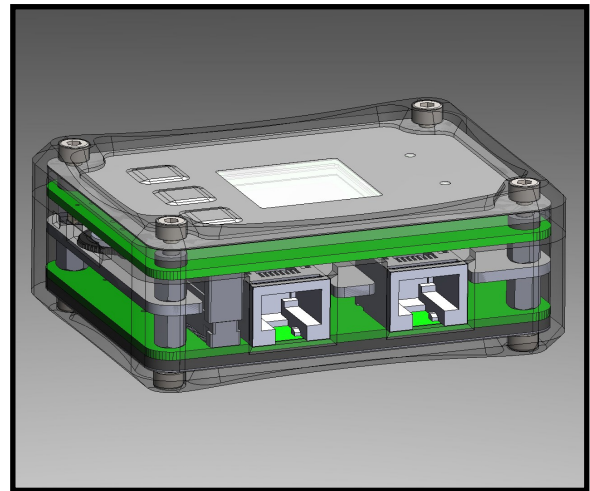**Datasheet**

TEKTYTE

SUMMARY

A data-logging circuit tester optimised for power measurement within PoE-connected systems.

FEATURES

- Log Measurements and Transfer Data Simultaneously
- High-Accuracy Measurements
- Isolated Data Interface
- Wide Measurement Ranges
- Light and Compact Design
- Low Power Consumption

- Long-Life Rechargeable Li-Po Battery
- Audible Alarm for Threshold Event Notification
- PC– and Mac-Compatible Software
- Measurements Stored in User-Friendly CSV File Format

SPECIFICATIONS

MEASUREMENT

Range: Auto Ranging
Resolution: 24-bit
Channels: 2

VOLTAGE MEASUREMENT

Maximum: 70V
Minimum: 0V

CURRENT MEASUREMENT

Maximum: 5000mA
Minimum: 50µA

SAMPLING

Range: Adjustable
Timestamp: Realtime Clock, User/Auto-set, Date & Time

SAMPLING PERIOD LIMITS

Maximum: 60 minutes
Minimum: 1 millisecond

BATTERY

Chemistry: 3.7V, 1-cell Lithium Polymer
Capacity: 1200 mAh
Battery Life: 5.1 days @ 10ms sampling
Charging: 200mA/h, Isolated, via MicroUSB port

INPUTS & OUTPUTS

MEASUREMENT CONNECTIONS

Ethernet: IN RJ45-8P8C, OUT RJ45-8P8C
Terminals: RJ45 Breakout Adaptor (option)

ISOLATED DATA INTERFACE

USB: Micro-USB, Type B
USART: Standard 100mil Header, 3V3 & 5V logic compatible

STANDALONE LOGGING

Media: MicroSD Card

ALARMS

Types: Visual - LED (Bi-colour), Audible - Integrated Buzzer
Thresholds: OVER - Voltage, Current, Power; UNDER - Voltage, Current, Power

DISPLAY

Resolution: 128 x 128 Pixels
Color Depth: Monochrome
Technology: Sharp Memory LCD
Backlight: Discrete, Adjustable

SIZE & WEIGHT

Dimensions: 85.7 x 65.0 x 31.9 (W x D x H, mm)
Weight: 145 grams