

S-LINK

Dual & Single Channel, PC-Based Power and Energy Monitor



KEY FEATURES

- 1. READS BOTH POWER AND ENERGY**
Thermopiles and pyroelectrics
- 2. AVAILABLE WITH 1 OR 2 CHANNELS**
S-LINK-1 and S-LINK-2 models now available
- 3. PC-BASED**
Connects to your PC with included software
- 4. SERIAL COMMANDS**
Serial commands are available on all versions to let you take full control
- 5. FASTEST DATA TRANSFER RATE**
Get all the points transferred directly into your PC at 10 kHz/Channel
- 6. USB OR ETHERNET**
Choose your favourite communications port. The USB version is port-powered
- 7. EXTERNAL TRIGGER**
Every model comes standard with a 2.4 V to 24 V external trigger

AVAILABLE MODELS



S-LINK-1
(USB)

S-LINK-1
(Ethernet)

S-LINK-2
(USB)

S-LINK-2
(Ethernet)

ACCESSORIES



Additional 9V Power Supply
(Model Number: 200960)



USB Cable
(Model Number: 202373)



Protective Pouch
(Model Number: 200128)



Pelican Carrying Case

SEE ALSO

| | |
|-------------------------|-----|
| ENERGY DETECTORS | 40 |
| POWER DETECTORS | 66 |
| HIGH POWER DETECTORS | 102 |
| THZ DETECTORS | 132 |
| OEM DETECTORS | 148 |
| LIST OF ALL ACCESSORIES | 194 |

S-LINK



*Also traceable to NRC-CNRC

SPECIFICATIONS

| | S-LINK-1 | | S-LINK-2 | |
|---|--|----------------------------------|---|----------------------------------|
| DETECTOR TYPES | Thermopiles, Pyroelectrics | | | |
| CHANNELS / DISPLAY | 1-Channel / PC-Based | | 2-Channels / PC-Based | |
| POWER METER SPECIFICATIONS | | | | |
| Power Range | 1 μ W to 10 kW | | 1 μ W to 10 kW | |
| Monitor Accuracy | ± 0.75 % for 10 % to full scale | | ± 0.75 % for 10 % to full scale | |
| Statistics | Current Value, Max, Min, Average, Std Dev., RMS & PTP Stability, Time | | Current Value, Max, Min, Average, Std Dev., RMS & PTP Stability, Time | |
| Response Time | 1 sec | | 1 sec | |
| ENERGY METER SPECIFICATIONS | | | | |
| Energy Range | 8 fJ to 20 kJ | | 8 fJ to 20 kJ | |
| Resolution (Digital) | Normal Mode: Current scale/4096 | | Normal Mode: Current scale/4096 | |
| Monitor Accuracy | | | | |
| <500 Hz (MB), <1200 Hz (MT) | 1 % | | 1 % | |
| 500 to 1 200 Hz (MB) | 2 % | | 2 % | |
| 1 200 to 6 000 Hz (MT) | 3 % | | 3 % | |
| 6 000 to 10 000 Hz (MT) | 6 % | | 6 % | |
| Real Time Data Transfer | 10 kHz in normal mode, no missing point | | 10 kHz/Channel in normal mode, no missing point | |
| Statistics | Current Value, Max, Min, Average, Std Dev., RMS & PTP Stability, Pulse #, Repetition Rate, Average Power | | | |
| DETECTOR COMPATIBILITY | | | | |
| Thermopile | Average Power & Single Shot Energy | | Average Power & Single Shot Energy | |
| Pyroelectric | Pulse Energy | | Pulse Energy | |
| GENERAL SPECIFICATIONS | | | | |
| Number of Channels | 1 | | 2 | |
| Digital Display | Computer Screen | | Computer Screen | |
| Data Display | Real Time, Ratio, Line Plot, Histogram, Statistics and 3D Histogram | | Real Time, Ratio, Line Plot, Histogram, Statistics and 3D Histogram | |
| Serial Commands and Data Transfer Via | USB (standard) or Ethernet (option) ^a | | USB (standard) or Ethernet (option) ^a | |
| Real Time Data Transfer Rate | 10 kHz/Channel in normal mode, no missing point (for pyroelectrics only) ^b | | 10 kHz/Channel in normal mode, no missing point (for pyroelectrics only) ^b | |
| Rising Edge External Trigger | 3-24 V @ 13 mA, optically isolated | | 3-24 V @ 13 mA, optically isolated | |
| Dimensions | 106W x 34H x 147D mm | | 106W x 34H x 147D mm | |
| Weight | 0.424 kg | | 0.424 kg | |
| Ext. Power Supply (Ethernet version only) | 100/240 VAC 50-60 Hz to 9 VDC 1.66 A | | 100/240 VAC 50-60 Hz to 9 VDC 1.66 A | |
| ORDERING INFORMATION | | | | |
| | 1 channel | 1 channel | 2 channels | 2 channels |
| Product Name | S-LINK-1 | S-LINK-1 (Ethernet) ^a | S-LINK-2 | S-LINK-2 (Ethernet) ^a |
| Product Number | 202225 | 202226 | 201030 | 201170 |

Specifications are subject to change without notice

a. The Ethernet version also includes the USB output.

b. Actual rate may depend on the computer.