

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)



Pelican Carrying Case

SEE ALSO

ENERGY DETECTORS	40
POWER DETECTORS	66
HIGH POWER SOLUTIONS	104
THZ DETECTORS	134
OEM DETECTORS	150
LIST OF ALL ACCESSORIES	206

DISPLAYS & PC INTERFACES

ENERGY DETECTORS

POWER DETECTORS

HIGH POWER SOLUTIONS

PHOTODETECTORS

THZ DETECTORS

OEM DETECTORS

SPECIAL PRODUCTS

BEAM DIAGNOSTICS

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 μW to 10 kW		1 μW 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.

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