

# S-LINK

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



## 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	<b>38</b>
POWER DETECTORS	<b>58</b>
HIGH POWER DETECTORS	<b>94</b>
THZ DETECTORS	<b>120</b>
OEM DETECTORS	<b>136</b>
LIST OF ALL ACCESSORIES	<b>186</b>

MONITORS

ENERGY DETECTORS

POWER DETECTORS

HIGH POWER SOLUTIONS

PHOTO DETECTORS

THZ DETECTORS

OEM DETECTORS

SPECIAL PRODUCTS

BEAM DIAGNOSTICS

## S-LINK



\*Also traceable to NRC-CNRC

## SPECIFICATIONS

	S-LINK-1	S-LINK-2		
<b>DETECTOR TYPES</b>	Thermopiles, Pyroelectrics			
<b>CHANNELS / DISPLAY</b>	1-Channel / PC-Based	2-Channels / PC-Based		
<b>POWER METER SPECIFICATIONS</b>				
Power Range	1 $\mu$ W to 10 kW	1 $\mu$ W to 10 kW		
Monitor Accuracy	$\pm 0.75$ % for 10 % to full scale	$\pm 0.75$ % 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		
<b>ENERGY METER SPECIFICATIONS</b>				
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			
<b>DETECTOR COMPATIBILITY</b>				
Thermopile	Average Power & Single Shot Energy	Average Power & Single Shot Energy		
Pyroelectric	Pulse Energy	Pulse Energy		
<b>GENERAL SPECIFICATIONS</b>				
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) <sup>a</sup>	USB (standard) or Ethernet (option) <sup>a</sup>		
Real Time Data Transfer Rate	10 kHz/Channel in normal mode, no missing point (for pyroelectrics only) <sup>b</sup>	10 kHz/Channel in normal mode, no missing point (for pyroelectrics only) <sup>b</sup>		
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		
<b>ORDERING INFORMATION</b>				
	1 channel	1 channel	2 channels	2 channels
Product Name	S-LINK-1	S-LINK-1 (Ethernet) <sup>a</sup>	S-LINK-2	S-LINK-2 (Ethernet) <sup>a</sup>
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.