

# 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.
- 7. EXTERNAL TRIGGER**  
Every model comes standard with a 2.4 V to 24 V external trigger

## AVAILABLE MODELS



S-LINK-1  
(Ethernet)

S-LINK-2  
(Ethernet)

## ACCESSORIES



Additional 9V Power Supply  
(Model Number: 200960)



USB Cable  
(Model Number: 202373)



Pelican Carrying Case

## SEE ALSO

ENERGY DETECTORS	34
POWER DETECTORS	60
HIGH POWER SOLUTIONS	96
THZ DETECTORS	130
OEM DETECTORS	146
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



## SPECIFICATIONS

	S-LINK-1	S-LINK-2
<b>DETECTOR TYPES</b>	Thermopiles, Pyroelectrics	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 <sup>a</sup>	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 or Ethernet	USB or Ethernet
Real Time Data Transfer Rate	10 kHz/Channel in normal mode, no missing point (for pyroelectrics only) <sup>a</sup>	10 kHz/Channel in normal mode, no missing point (for pyroelectrics only) <sup>a</sup>
Rising Edge External Trigger	3-24 V at 13 mA, optically isolated	3-24 V at 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	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	2 channels
Product Name	S-LINK-1 (Ethernet) <sup>a</sup>	S-LINK-2 (Ethernet) <sup>a</sup>
Product Number	202226	201170

Specifications are subject to change without notice

a. Actual rate may depend on the computer.