

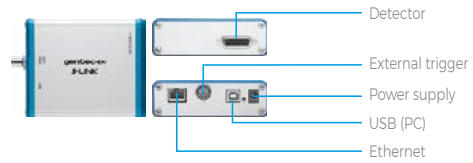
# S-LINK

Dual & single channel, PC-based power and energy monitor

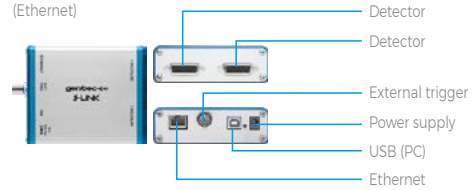


## CONNECTIVITY

S-LINK-1  
(Ethernet)



S-LINK-2  
(Ethernet)



## KEY FEATURES

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

## ACCESSORIES



Additional 9V power supply



USB cable



Pelican carrying case



# S-LINK

Specifications

CE NIST\*  
Traceable

 VDE  
\*Also traceable to NRC-CNRC



	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>		
<b>Power range</b>	1 $\mu$ W to 10 kW	1 $\mu$ W to 10 kW
<b>Monitor accuracy</b>	$\pm 0,75\%$ for 10% to full scale	$\pm 0,75\%$ for 10% to full scale
<b>Statistics</b>	Current value, max, min, average, std dev., RMS & PTP stability, time	Current value, max, min, average, std dev., RMS & PTP stability, time
<b>Response time</b>	1 s	1 s
<b>ENERGY METER SPECIFICATIONS</b>		
<b>Energy range</b>	8 fJ to 20 kJ	8 fJ to 20 kJ
<b>Resolution (digital)</b>	Normal mode: Current scale/4096	Normal mode: Current scale/4096
<b>Monitor accuracy</b>		
< 500 Hz (MB), < 1200 Hz (MT)	1%	1%
500 to 1200 Hz (MB)	2%	2%
1200 to 6000 Hz (MT)	3%	3%
6000 to 10 000 Hz (MT)	6%	6%
<b>Real time data transfer<sup>a</sup></b>	10 kHz in normal mode, no missing point	10 kHz/Channel in normal mode, no missing point
<b>Statistics</b>	Current value, max, min, average, std dev., RMS & PTP stability, pulse #, repetition rate, average power	
<b>DETECTOR COMPATIBILITY</b>		
<b>Thermopile</b>	Average power & single shot energy	Average power & single shot energy
<b>Pyroelectric</b>	Pulse energy	Pulse energy
<b>GENERAL SPECIFICATIONS</b>		
<b>Number of channels</b>	1	2
<b>Digital display</b>	Computer screen	Computer screen
<b>Data display</b>	Real-time, ratio, line plot, histogram, statistics and 3D histogram	Real-time, ratio, line plot, histogram, statistics and 3D histogram
<b>Serial commands and data transfer via</b>	USB or Ethernet	USB or Ethernet
<b>Real-time data transfer rate</b>	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>
<b>Rising edge external trigger</b>	3-24 V at 13 mA, optically isolated	3-24 V at 13 mA, optically isolated
<b>Dimensions</b>	106W x 34H x 147D mm	106W x 34H x 147D mm
<b>Weight</b>	0.424 kg	0.424 kg
<b>Ext. power supply</b>	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>		
<b>Product page</b>		

a. Actual rate may depend on the computer.

Specifications are subject to change without notice