

S-LINK

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

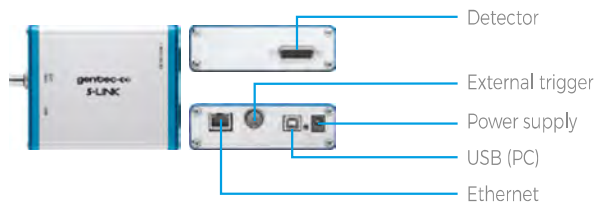


KEY FEATURES

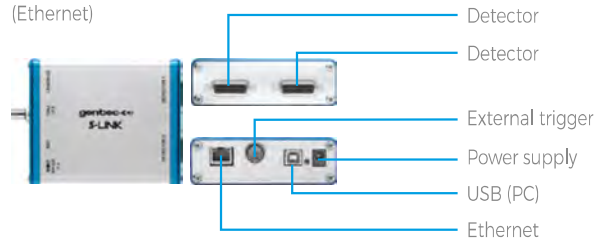
- > **READS BOTH POWER AND ENERGY**
Thermopiles and pyroelectrics
- > **AVAILABLE WITH 1 OR 2 CHANNELS**
S-LINK-1 and S-LINK-2 models now available
- > **PC-BASED**
Connects to your PC with included software
- > **SERIAL COMMANDS**
Serial commands are available on all versions to let you take full control
- > **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

CONNECTIVITY

S-LINK-1
(Ethernet)



S-LINK-2
(Ethernet)



ACCESSORIES



Additional 9V power supply





USB cable



Pelican carrying case



	S-LINK-1	S-LINK-2
DETECTOR TYPES	Thermopiles, pyroelectrics	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 s	1 s
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 1200 Hz (MB)	2%	2%
1200 to 6000 Hz (MT)	3%	3%
6000 to 10 000 Hz (MT)	6%	6%
Real time data transfer ^a	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 or Ethernet	USB or Ethernet
Real-time data transfer rate	10 kHz/channel in normal mode, no missing point (for pyroelectrics only) ^a	10 kHz/channel in normal mode, no missing point (for pyroelectrics only) ^a
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
ORDERING INFORMATION		
Product page		

a. Actual rate may depend on the computer.

PHOTO DETECTOR
 ENERGY DETECTOR
 OPM PHOTO
 THERMOPILE DETECTOR
 DISPLAYS & PC INTERFACES
 CUSTOMER PRODUCTS