

S-LINK

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

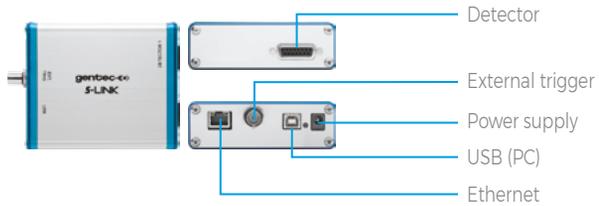


KEY FEATURES

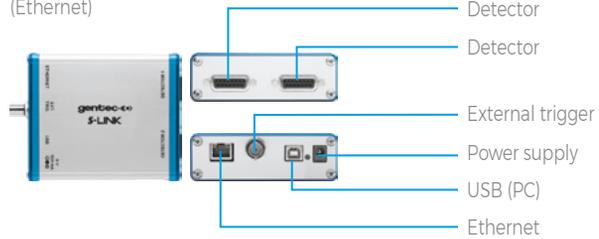
- > **READS BOTH POWER AND ENERGY**
Thermopiles and pyroelectrics
- > **AVAILABLE WITH 1 OR 2 CHANNELS**
S-LINK-1 and S-LINK-2 models now available
- > **PC-BASED**
Connects to your PC with included software
- > **SERIAL COMMANDS**
Serial commands are available on all versions to let you take full control
- > **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 μ W to 10 kW | 1 μ 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 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.