

U-LINK (USB)

PC interface for power & energy measurement. Single-channel, USB output.



PRODUCT FAMILY KEY FEATURES

THE UNIVERSAL METER

Reads all heads:

- Power: thermopiles, photodetectors and pyroelectrics
- Energy: thermopiles (in single shot mode), photodetectors and pyroelectrics

MEASURE FJ ENERGY LEVELS

Thanks to a unique digital method for suppressing the noise on the lower ranges

EXTERNAL TRIGGER

Synchronize your U-LINK to your pulsed laser or digital chopper

SERIAL COMMANDS

Serial commands are available on both versions to let you take full control

REAL-TIME STATISTICAL FUNCTIONS

Max, min, average, standard deviation, RMS and PTP stability

SYNCHRONIZE MULTIPLE CHANNELS

With the "SYNC. OUT" port, you can plug multiple U-LINK devices together and create a low-cost multi-channel system.

SPECIFICATIONS

CONTROLLER AND GUI SPECIFICATIONS

| | |
|-------------------------|---|
| Digital display size | Computer screen |
| Data display | With PC-Gentec-EO software: Real-time, histogram, statistics, digital tuning needle |
| Analog output | 0-2 V, adjustable, full scale, $\pm 1\%$ |
| External trigger | 3.3 to 12 V |
| Real-time data transfer | 10 kHz |
| Serial commands via | USB |
| External power supply | USB 5V, 150 mA |

POWER METER SPECIFICATIONS

| | |
|--------------------|---|
| Digital resolution | 23 bits on current scale |
| Device accuracy | $\pm 0.5\%$ $\pm 3\ \mu\text{V}$ |
| Statistics | Current value, max, min, average, standard deviation, RMS & PTP stability, time |
| Response time | Current value, max, min, average, standard deviation, RMS & PTP stability, time |

ENERGY METER SPECIFICATIONS

| | |
|------------------------------|---|
| Digital resolution | Current Scale/3754 |
| Device accuracy | 1% $\pm 50\ \mu\text{V}$ (< 500 Hz) 2% $\pm 50\ \mu\text{V}$ (500 Hz - 10 kHz) |
| Software trigger level | 0.1 to 99.9%, 0.1% resolution, default 2% |
| Repetition rate ¹ | 10 kHz |
| Real-time data transfer | 10 kHz with time stamp, no missing point |
| Statistics | Current value, max, min, average, standard deviation, RMS & PTP stability, pulse #, repetition rate and average power |

1. Maximum repetition rate may vary with PC and detector speeds.

PHYSICAL CHARACTERISTICS

| | |
|------------|--------------------|
| Dimensions | 57W x 26H x 91D mm |
|------------|--------------------|

ORDERING INFORMATION

U-LINK (USB)

203510

Specifications are subject to change without notice. Refer to the user manual for complete specifications.

INTERESTED IN THIS PRODUCT?

GET A QUOTE

Find your local sales representative at gentec-eo.com/contact-us