DORGEAN
Beijing Dorgean Electronic Technology Co.,Ltd

Instrument Expert
Original factory packaging
www.dorgean.com

gentec-ε⊙
PARTNERS for ACCURACY

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	Real time, ratio, line plot, histogram, statistics and 3D histogram
Analog output	0-2 V, adjustable, full scale, ±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

Power range	4 pW - 30 kW
Digital resolution	23 bits on current scale
Device accuracy	±0.5 % ±3 µV
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

Energy range	2 fJ to 30 kJ
Digital resolution	Current Scale/3754
Device accuracy	1 % ±50 µV (< 500 Hz) 2 % ±50 µV (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.

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PHYSICAL CHARACTERISTICS

Dimensions	57W x 26H x 91D mm
Weight	0.12 kg

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