

U-LINK (RS-232)

PC interface for power & energy measurement. Single-channel, RS-232 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

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

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, $\pm 1\%$
External trigger	None
Real-time data transfer	1 kHz
Serial commands via	RS-232
External power supply	9-12 V, 200 mA

POWER METER SPECIFICATIONS

Power range	4 pW - 30 kW
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

Energy range	2 fJ to 30 kJ
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	1 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

Weight 0.105 kg

ORDERING INFORMATION

U-LINK (RS-232) 203994B

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