

LR1500E4 · 905 NM

ADAPTIVE-FREQUENCY E SERIES

LR1500E4

LASER CLASS

CLASS 1

IEC 60825-1

A 905 nm laser ranging module with a 4–1,500 m source-table measuring range in a compact 25.65 × 14.2 × 26.2 mm rectangular body — the E4 variant of the adaptive-frequency series over UART-TTL.

MAX RANGE	ACCURACY	WEIGHT	INTERFACE
4–1,500 m	On request	On request	UART-TTL

TECHNICAL SPECIFICATIONS

FULL SHEET

Laser wavelength	905 ± 5 nm
Measuring range	4–1,500 m (target and ambient conditions not stated)
Laser beam divergence	< 6 mrad
Interface	UART-TTL (customizable)
Supply voltage	3.3–5 V
Dimensions	25.65 × 14.2 × 26.2 mm
Ranging accuracy	On request
Measurement frequency	On request
Weight	On request
Operating temperature	On request
Protection rating	On request

LR1500E4

TECHNICAL REVIEW REQUIRED

Product appearance is not released for public identification.

APPLICATION FIT

OUTDOOR POSITIONING

ROBOTICS

INDUSTRIAL MEASUREMENT

Standard 8-byte UART frame (0x55 0xAA header, function code, 4 data bytes, checksum); distance returned ×10 for a one-decimal reading. Full integration manual ships with samples.