



DIVERSIFIED ELECTRONICS, INC.

1290 Field Parkway Marietta, GA 30066 (770) 427-8181

Certificate of Calibration

This is to certify that Stalker Lidar XLR Speed Detection instrument serial number LF002122 meets or exceeds all manufacturer specifications for velocity and range measurements. Itemized calibration check list below.

LARRY DOYLE *Larry Doyle*
Quality Assurance Technician
April 11, 2022
Certification Date

- LASER wavelength: [904nm (+/- 10 nm)]
- LASER beam divergence: [<3 +/- 0.5 mrad]
- LASER pulse repetition rate: [130 Hz (+/- 0.1% at 8.40 VDC)]
- Range Accuracy: [< 1ft]
- Speed Accuracy: [+/- 1mph (+/- 2km/h)]
- Scope Alignment check

Testing Equipment:

Hewlett Packard frequency counter: Model #5352B SN# 3049A01373 Exp. Date 4/2022

Ophir Power Meter: Model #NOVA SN#47557 Exp. Date 4/2022

This instrument has been thoroughly tested and meets or exceeds all manufacturers' specifications providing safe and accurate ranging and speed detection.

Speed Instrument certification good for one year from Certification Date on this document.

Subscribed and sworn to me this 11TH day of APRIL, 2022

[Signature]

NOTARY PUBLIC

