



Certificate of Calibration

VECTOR SR

Speed Enforcement Device

"I confirm that the VECTOR SR Speed Enforcement System described below has been calibrated to the documented parameters as recorded below using measurement devices calibrated to National Standards in accordance with the Home Office Type Approval for the VECTOR SR device

All parts and components used in Device Serial Number JE800100919-0092 including any replaced are identical to those used in the device as Type-Approved"

Signed by:

A handwritten signature in black ink, appearing to read "Michael Kirsch".

Michael Kirsch
Product Design Director

| | |
|--------------------------------------|--------------------|
| Calibrating Engineer: | Christopher Holden |
| Annual Inspection Engineer: | Christopher Holden |
| Site Code: | 0101 |
| Site Name: | A1 Grantham NB |
| Project ID: | P4357SRT |
| Device Location: | 52.8845, -0.639738 |
| Initial Site Calibration Start Date: | 06/05/2020 |
| Annual Inspection Date: | 27/04/2021 |
| Radar Factory Calibration Date: | 10/09/2019 |
| Valid Until*: | 26/04/2022 |

* Site Calibration Valid until up to one year from Site Calibration / Calibration Inspection Date, or three years from Radar Factory Calibration Date, whichever is sooner.

Jenoptik Traffic Solutions UK Ltd., Ten Watchmoor Park, Riverside Way, Camberley Surrey GU15 3YL UK



SRCRT134

P4357SR

| | |
|-------------------------|------------|
| Date | |
| Site Calibration Date: | 06/05/2020 |
| Annual Inspection Date: | 27/04/2021 |

| | |
|-----------------|-----------------------|
| Location | |
| Site Name | 0101 - A1 Grantham NB |
| Device Location | 52.8845, -0.639738 |

| | |
|---|--------------------|
| Asset Calibration | |
| Device Serial Number | JE800100919-0092 |
| VECTOR Serial Number | SB160219-0052 |
| Device Distance to Notional Stop Line (m) | 28 |
| Device Height (m) | 5.613 |
| Device Offset (m) | 3.44 |
| Site Calibrated by | Christopher Holden |
| Site Inspected by | Christopher Holden |

| | |
|--|--|
| Radar Factory Calibration Report | |
| FST3 Radar Serial Number | 590-113/63573 |
| FST3 Radar Factory Cal Date | 10/09/2019 |
| Specified Radar Frequency (GHz) | Measured Radar Frequency (GHz) |
| 24.045 | 24,047 |
| 24.085 | 24,088 |
| 24.125 | 24,127 |
| 24.165 | 24,168 |
| 24.205 | 24.206 |
| Radar Speed Test | |
| Simulated Speed (km/h) | Measured Speed (km/h) - Approach / Recede |
| 10 | 10.1 / 10.1 |
| 50 | 50.1 / 50.1 |
| 100 | 100.2 / 100.2 |
| 200 | 199.8 / 199.8 |
| 250 | 249.9 / 249.9 |
| 300 | 300.0 / 300.0 |

| | | | | |
|---------------------------|-------------------|------------|----------------|----------------|
| Initial Calibration Tools | | | | |
| Measuring Tape | Calibration Date: | 06/05/2020 | Serial Number: | CH02 |
| Laser Measure | Calibration Date: | 07/06/2019 | Serial Number: | 320430544 |
| Radar Alignment Tool | Calibration Date: | 06/05/2020 | Serial Number: | W465-000/60012 |

| | | | | |
|-------------------------|-------------------|------------|----------------|-----------|
| Annual Inspection Tools | | | | |
| Vbox | Calibration Date: | 24/08/2020 | Serial Number: | 022385 |
| Laser Measure | Calibration Date: | 01/06/2020 | Serial Number: | 320430544 |



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All parts and components used in Device Serial Number JE800100919-0092 including any replaced are identical to those used in the device as Type-Approved"

Signed by:

Richard Fry
Operations Director

Calibrating Engineer:

Christopher Holden

Site Code:

0101

Site Name:

A1 Grantham NB

Project ID:

P4357SRT

Device Location:

52.8856, -0.64142

Site Calibration Date:

04/10/2019

Radar Factory Calibration Date

10/09/2019

Valid Until*:

30/09/2020

* Site Calibration Valid until one year from Site Calibration Date or three years from Radar Factory Calibration date, whichever is sooner.

Jenoptik Traffic Solutions UK Ltd., Ten Watchmoor Park, Riverside Way, Camberley Surrey GU15 3YL UK



| Date | |
|------------------------|------------|
| Site Calibration Date: | 04/10/2019 |

| Location | |
|-----------------|-----------------------|
| Site Name | 0101 - A1 Grantham NB |
| Device Location | 52.8856, -0.64142 |

| Asset Calibration | |
|---|--------------------|
| Device Serial Number | JE800100919-0092 |
| VECTOR Serial Number | SB160219-00052 |
| Device Distance to Notional Stop Line (m) | 28 |
| Device Height (m) | 5.422 |
| Device Offset (m) | 5.6 |
| Site Calibrated by | Christopher Holden |

| Radar Factory Calibration Report | |
|----------------------------------|---|
| FST3 Radar Serial Number | 590-113/63573 |
| FST3 Radar Factory Cal Date | 10/09/2019 |
| Specified Radar Frequency (GHz) | Measured Radar Frequency (GHz) |
| 24.045 | 24.047 |
| 24.085 | 24.088 |
| 24.125 | 24.127 |
| 24.165 | 24.168 |
| 24.205 | 24.206 |
| Radar Speed Test | |
| Simulated Speed (km/h) | Measured Speed (km/h) Approach / Recede |
| 10 | 10.1 / 10.1 |
| 50 | 50.1 / 50.1 |
| 100 | 100.2 / 100.2 |
| 200 | 199.8 / 199.8 |
| 250 | 249.9 / 249.9 |
| 300 | 300.0 / 300.0 |

| Calibration Tools | | | | |
|----------------------|-------------------|------------|----------------|----------------|
| Measuring Tape | Calibration Date: | 04/10/2019 | Serial Number: | CH02 |
| Laser Measure | Calibration Date: | 15/11/2018 | Serial Number: | 1084510889 |
| Radar Alignment Tool | Calibration Date: | 04/10/2019 | Serial Number: | W465-000/60012 |