



# Certificate of Calibration

VECTOR SR

Speed and/or Traffic Signals Enforcement Device

"I confirm that the VECTOR SR Enforcement System for Speed and/or Traffic Signals 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 JE810100518-0004 including any replaced are identical to those used in the device as Type-Approved"

Signed by:

A handwritten signature in black ink that reads "Michael Winter".

Michael Winter  
**Head of Order Fulfilment UK**

|                                      |                              |
|--------------------------------------|------------------------------|
| Calibrating Engineer:                | Stephen Pigden & James Brown |
| Annual Inspection Engineer:          | Stephen Pigden & Nigel Payne |
| Site Code:                           | 5114                         |
| Site Name:                           | Newport Road (Rumney Hill)   |
| Project ID:                          | P4544M (P3849SR)             |
| Device Location:                     | 51.5031, -3.13825            |
| Initial Site Calibration Start Date: | 11/08/2021                   |
| Annual Inspection Date:              | 02/08/2022                   |
| Radar Factory Calibration Date:      | 22/07/2021                   |
| Valid Until*:                        | 01/08/2023                   |

\* 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.



SRCRT214

P4544M (P3849SR)

| Date                                |            |
|-------------------------------------|------------|
| Initial Site Calibration Start Date | 11/08/2021 |
| Annual Inspection Date              | 02/08/2022 |

| Location        |                                   |
|-----------------|-----------------------------------|
| Site Name       | 5114 - Newport Road (Rumney Hill) |
| Device Location | 51.5031, -3.13825                 |

| Asset Calibration                         |                              |
|---|------------------------------|
| Device Serial Number                      | JE810100518-0004             |
| VECTOR Serial Number                      | SB160218-0008                |
| Device Distance to Notional Stop Line (m) | 26                           |
| Device Height (m)                         | 5.38                         |
| Device Offset (m)                         | 3.87                         |
| Site Calibrated by                        | Stephen Pigden & James Brown |
| Site Inspected by                         | Stephen Pigden & Nigel Payne |

| Radar Factory Calibration Report       |  |
|--|--|
| FST3 Radar Serial Number               | 590-113/64323                                  |
| Radar Factory Calibration Date         | 22/07/2021                                     |
| <b>Specified Radar Frequency (GHz)</b> | <b>Measured Radar Frequency (GHz)</b>          |
| 24.045                                 | 24.047   |
| 24.085                                 | 24.087   |
| 24.125                                 | 24.127   |
| 24.165                                 | 24.167   |
| 24.205                                 | 24.207   |
| Radar Speed Test                       |  |
| <b>Simulated Speed (km/h)</b>          | <b>Measured Speed (km/h) Approach / Recede</b> |
| 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: | 11/08/2021 | Serial Number: | SP-VYS-01      |
| Laser Measure             | Calibration Date: | 12/03/2021 | Serial Number: | 1082950518     |
| Radar Alignment Tool      | Calibration Date: | 11/08/2021 | Serial Number: | W465-000/60015 |

| Annual Inspection Tools |                   |            |                |            |
|-------------------------|-------------------|------------|----------------|------------|
| Vbox                    | Calibration Date: | 11/05/2022 | Serial Number: | 085101     |
| Laser Measure           | Calibration Date: | 09/03/2022 | Serial Number: | 1082951077 |