



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 JE810100518-0018 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 "Derek Penn", written over a horizontal line.

Derek Penn
Director of Operations

| | |
|---------------------------------|----------------------------------|
| Calibrating Engineer: | Stephen Pigden |
| Site Code: | 9057 |
| Site Name: | Carmarthen Road - Ravenhill Road |
| Project ID: | P4544M (P3861SR) |
| Device Location: | 51.6414, -3.97757 |
| Site Calibration Start Date: | 26/06/2023 |
| Radar Factory Calibration Date: | 21/06/2023 |
| Valid Until*: | 25/06/2024 |

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



| Date | |
|-----------------------------|------------|
| Site Calibration Start Date | 26/06/2023 |

| Location | |
|-----------------|---|
| Site Name | 9057 - Carmarthen Road - Ravenhill Road |
| Device Location | 51.6414, -3.97757 |

| Asset Calibration | |
|---|------------------|
| Device Serial Number | JE810100518-0018 |
| VECTOR Serial Number | SB160221-0165 |
| Device Distance to Notional Stop Line (m) | 26.78 |
| Device Height (m) | 5.25 |
| Device Offset (m) | 4.965 |
| Site Calibrated by | Stephen Pigden |

| Radar Factory Calibration Report | |
|----------------------------------|--------------------------------|
| FST3 Radar Serial Number | 590-113/62365 |
| Radar Factory Calibration Date | 21/06/2023 |
| Specified Radar Frequency (GHz) | Measured Radar Frequency (GHz) |
| 24.045 | 24.047 |
| 24.085 | 24.087 |
| 24.125 | 24.127 |
| 24.165 | 24.167 |
| 24.205 | 24.207 |

| 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: | 26/06/2023 | Serial Number: | SP-VYS-01 |
| Laser Measure | Calibration Date: | 08/03/2023 | Serial Number: | 332320238 |
| Radar Alignment Tool | Calibration Date: | 26/06/2023 | Serial Number: | W465-000/60015 |