



# 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 JE810100320-0056 including any replaced are identical to those used in the device as Type-Approved"

Signed by:

A handwritten signature in blue ink, appearing to read "Derek Penn", with a horizontal line underneath.

Derek Penn  
**Director of Operatrions**

|                                      |                            |
|--------------------------------------|----------------------------|
| Calibrating Engineer:                | Stephen Pigden             |
| Annual Inspection Engineer:          | Nigel Payne                |
| Site Code:                           | JS8422                     |
| Site Name:                           | A472 Lower Race, Pontypool |
| Project ID:                          | P4544M (P4489SR)           |
| Device Location:                     | 51.6972, -3.05112          |
| Initial Site Calibration Start Date: | 09/06/2023                 |
| Annual Inspection Date:              | 19/06/2024                 |
| Radar Factory Calibration Date:      | 06/06/2023                 |
| Valid Until*:                        | 18/06/2025                 |

\* 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.



| Date                                |            |
|-------------------------------------|------------|
| Initial Site Calibration Start Date | 09/06/2023 |
| Annual Inspection Date              | 19/06/2024 |

| Location        |                                     |
|-----------------|-------------------------------------|
| Site Name       | JS8422 - A472 Lower Race, Pontypool |
| Device Location | 51.6972, -3.05112                   |

| Asset Calibration                         |                  |
|---|------------------|
| Device Serial Number                      | JE810100320-0056 |
| VECTOR Serial Number                      | SB160819-0098    |
| Device Distance to Notional Stop Line (m) | 31               |
| Device Height (m)                         | 5.32             |
| Device Offset (m)                         | 3.27             |
| Site Calibrated by                        | Stephen Pigden   |
| Site Inspected by                         | Nigel Payne      |

| Radar Factory Calibration Report       |  |
|--|--|
| FST3 Radar Serial Number               | 590-113/63220                                  |
| Radar Factory Calibration Date         | 06/06/2023                                     |
| <b>Specified Radar Frequency (GHz)</b> | <b>Measured Radar Frequency (GHz)</b>          |
| 24.045                                 | 24.047   |
| 24.085                                 | 24.087   |
| 24.125                                 | 24.128   |
| 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: | 09/06/2023 | Serial Number: | SP-VYS-01      |
| Laser Measure             | Calibration Date: | 08/03/2023 | Serial Number: | 332320238      |
| Radar Alignment Tool      | Calibration Date: | 09/06/2023 | Serial Number: | W465-000/60015 |

| Annual Inspection Tools |                   |            |                |            |
|-------------------------|-------------------|------------|----------------|------------|
| Vbox                    | Calibration Date: | 11/04/2024 | Serial Number: | 85101      |
| Laser Measure           | Calibration Date: | 09/10/2023 | Serial Number: | 1020570746 |