



# 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 JE810100720-0190 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:	Andrew Flanagan
Annual Inspection Engineer:	Simon Kennington
Site Code:	795
Site Name:	A549 Mynydd Isa
Project ID:	P4544M (P4566SR)
Device Location:	53.1662, -3.11137
Initial Site Calibration Start Date:	09/05/2023
Annual Inspection Date:	21/02/2025
Radar Factory Calibration Date:	28/04/2023
Valid Until*:	20/02/2026

\* 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	09/05/2023
Annual Inspection Date	21/02/2025

Location	
Site Name	795 - A549 Mynydd Isa
Device Location	53.1662, -3.11137

Asset Calibration	
Device Serial Number	JE810100720-0190
VECTOR Serial Number	SB160220-0127
Device Distance to Notional Stop Line (m)	28m
Device Height (m)	5.5
Device Offset (m)	4.35
Site Calibrated by	Andrew Flanagan
Site Inspected by	Simon Kennington

Radar Factory Calibration Report	
FST3 Radar Serial Number	590-113/65253
Radar Factory Calibration Date	28/04/2023
<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	24,168
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:	09/05/2023	Serial Number:	AF003
Laser Measure	Calibration Date:	27/02/2023	Serial Number:	320430845
Radar Alignment Tool	Calibration Date:	09/05/2023	Serial Number:	18020162

Annual Inspection Tools				
Vbox	Calibration Date:	11/04/2024	Serial Number:	079687
Laser Measure	Calibration Date:	21/06/2024	Serial Number:	1052459636