



# 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 JE810100518-0022 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".

Derek Penn  
**Director of Operations**

Calibrating Engineer:	Stephen Pigden
Site Code:	4513
Site Name:	Carmarthen Road (near Cave Street)
Project ID:	P4544M (P3861SR)
Device Location:	51.6357, -3.96399
Site Calibration Start Date:	12/10/2023
Radar Factory Calibration Date:	10/10/2023
Valid Until*:	11/10/2024

\* 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	12/10/2023

Location	
Site Name	4513 - Carmarthen Road (near Cave Street)
Device Location	51.6357, -3.96399

Asset Calibration	
Device Serial Number	JE810100518-0022
VECTOR Serial Number	SB161220-0160
Device Distance to Notional Stop Line (m)	30
Device Height (m)	5.33
Device Offset (m)	3.74
Site Calibrated by	Stephen Pigden

Radar Factory Calibration Report	
FST3 Radar Serial Number	590-113/62356
Radar Factory Calibration Date	10/10/2023
<b>Specified Radar Frequency (GHz)</b>	<b>Measured Radar Frequency (GHz)</b>
24.045	24.048
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

Calibration Tools				
Measuring Tape	Calibration Date:	12/10/2023	Serial Number:	SP-VYS-01
Laser Measure	Calibration Date:	08/03/2023	Serial Number:	332320238
Radar Alignment Tool	Calibration Date:	12/10/2023	Serial Number:	W465-000/60015