



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 JE8100158-0007 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".

Derek Penn
Director of Operations

Calibrating Engineer:	Nigel Payne & William King
Site Code:	5120
Site Name:	Rhiwbina Hill, Cardiff
Project ID:	P4544M (P3849SR)
Device Location:	51.5298, -3.22244
Site Calibration Start Date:	14/04/2026
Radar Factory Calibration Date:	23/03/2026
Valid Until*:	13/04/2027

* 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	14/04/2026

Location	
Site Name	5120 - Rhiwbina Hill, Cardiff
Device Location	51.5298, -3.22244

Asset Calibration	
Device Serial Number	JE8100158-0007
VECTOR Serial Number	SB160218-0021
Device Distance to Notional Stop Line (m)	29
Device Height (m)	5.32
Device Offset (m)	4.225
Site Calibrated by	Nigel Payne & William King

Radar Factory Calibration Report	
FST3 Radar Serial Number	590-113/68776
Radar Factory Calibration Date	23/03/2026
Specified Radar Frequency (GHz)	Measured Radar Frequency (GHz)
24.045	24.048
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:	14/04/2026	Serial Number:	NP001
Laser Measure	Calibration Date:	21/11/2025	Serial Number:	1033930417
Radar Alignment Tool	Calibration Date:	14/04/2026	Serial Number:	W465-000-60066