



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 JE810100325-0468 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:	Nigel Payne
Annual Inspection Engineer:	Nigel Payne
Site Code:	5417
Site Name:	A4059 Jct with B4275, Cross Valley Link Road, Mountain Ash, SB
Project ID:	P5423P (P5423SR)
Device Location:	51.6786, -3.36994
Initial Site Calibration Start Date:	03/04/2025
Annual Inspection Date:	11/03/2026
Radar Factory Calibration Date:	03/03/2025
Valid Until*:	10/03/2027

* 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	03/04/2025
Annual Inspection Date	11/03/2026

Location	
Site Name	5417 - A4059 Jct with B4275, Cross Valley Link Road, Mountain Ash, SB
Device Location	51.6786, -3.36994

Asset Calibration	
Device Serial Number	JE810100325-0468
VECTOR Serial Number	SB161124-0433
Device Distance to Notional Stop Line (m)	30.3
Device Height (m)	5.34
Device Offset (m)	3.38
Site Calibrated by	Nigel Payne
Site Inspected by	Nigel Payne

Radar Factory Calibration Report	
FST3 Radar Serial Number	590-113/80792
Radar Factory Calibration Date	03/03/2025
Specified Radar Frequency (GHz)	Measured Radar Frequency (GHz)
24.045	24.048
24.085	24.088
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

Initial Calibration Tools				
Measuring Tape	Calibration Date:	03/04/2025	Serial Number:	NPJEN02
Laser Measure	Calibration Date:	01/11/2024	Serial Number:	1074251431
Radar Alignment Tool	Calibration Date:	03/04/2025	Serial Number:	W465-000/60066

Annual Inspection Tools				
Vbox	Calibration Date:	12/02/2026	Serial Number:	085101
Laser Measure	Calibration Date:	21/11/2025	Serial Number:	1033930417