



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:	Simon Kennington
Site Code:	795
Site Name:	A549 Mynydd Isa
Project ID:	P4544M (P4566SR)
Device Location:	53.1662, -3.11137
Site Calibration Start Date:	28/04/2026
Radar Factory Calibration Date:	05/03/2026
Valid Until*:	27/04/2027

* 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	28/04/2026

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)	28
Device Height (m)	5.29
Device Offset (m)	4.09
Site Calibrated by	Simon Kennington

Radar Factory Calibration Report	
FST3 Radar Serial Number	590-113/66094
Radar Factory Calibration Date	05/03/2026
Specified Radar Frequency (GHz)	Measured Radar Frequency (GHz)
24.045	24.047
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:	28/04/2026	Serial Number:	SK001
Laser Measure	Calibration Date:	20/03/2026	Serial Number:	2444070324
Radar Alignment Tool	Calibration Date:	28/04/2026	Serial Number:	4910474