



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 JE810100222-0257 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", with a horizontal line underneath.

Derek Penn
Director of Operations

Calibrating Engineer:	Andrew Phillips & Elliott Ireland
Annual Inspection Engineer:	Andrew Phillips
Site Code:	0570
Site Name:	PLYMOUTH ROAD JCT COT HILL
Project ID:	P4294M (P4759SR)
Device Location:	50.3905, -4.07271
Initial Site Calibration Start Date:	04/02/2025
Annual Inspection Date:	13/01/2026
Radar Factory Calibration Date:	28/01/2025
Valid Until*:	12/01/2027

* 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	04/02/2025
Annual Inspection Date	13/01/2026

Location	
Site Name	0570 - PLYMOUTH ROAD JCT COT HILL
Device Location	50.3905, -4.07271

Asset Calibration	
Device Serial Number	JE810100222-0257
VECTOR Serial Number	SB160420-0131
Device Distance to Notional Stop Line (m)	28.6
Device Height (m)	5.33
Device Offset (m)	3.86
Site Calibrated by	Andrew Phillips & Elliott Ireland
Site Inspected by	Andrew Phillips

Radar Factory Calibration Report	
FST3 Radar Serial Number	590-113/65426
Radar Factory Calibration Date	28/01/2025
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

Initial Calibration Tools				
Measuring Tape	Calibration Date:	04/02/2025	Serial Number:	AP001
Laser Measure	Calibration Date:	22/04/2024	Serial Number:	1022761252
Radar Alignment Tool	Calibration Date:	04/02/2025	Serial Number:	60067

Annual Inspection Tools				
Vbox	Calibration Date:	07/10/2025	Serial Number:	088629
Laser Measure	Calibration Date:	16/05/2025	Serial Number:	1022761252