



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 JE810100518-0004
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
Annual Inspection Engineer:	Stephen Pigden
Site Code:	5114
Site Name:	Newport Road, Rumney Hill
Project ID:	P4544M (P3849SR)
Device Location:	51.5031, -3.13824
Initial Site Calibration Start Date:	24/06/2024
Annual Inspection Date:	22/05/2025
Radar Factory Calibration Date:	19/07/2023
Valid Until*:	21/05/2026

* 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	24/06/2024
Annual Inspection Date	22/05/2025

Location	
Site Name	5114 - Newport Road, Rumney Hill
Device Location	51.5031, -3.13824

Asset Calibration	
Device Serial Number	JE810100518-0004
VECTOR Serial Number	SB160220-0120
Device Distance to Notional Stop Line (m)	28
Device Height (m)	5.28
Device Offset (m)	4.485
Site Calibrated by	Nigel Payne
Site Inspected by	Stephen Pigden

Radar Factory Calibration Report	
FST3 Radar Serial Number	590-113/62357
Radar Factory Calibration Date	19/07/2023
Specified Radar Frequency (GHz)	Measured Radar Frequency (GHz)
24.045	24.047
24.085	24.087
24.125	24.128
24.165	24.168
24.205	24.209
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:	24/06/2024	Serial Number:	NPJEN01
Laser Measure	Calibration Date:	09/10/2023	Serial Number:	1020570746
Radar Alignment Tool	Calibration Date:	24/06/2024	Serial Number:	W465-000/60066

Annual Inspection Tools				
Vbox	Calibration Date:	04/03/2025	Serial Number:	088628
Laser Measure	Calibration Date:	01/04/2025	Serial Number:	332320238