



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 JE810100425-0479 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:	Stephen Pigden
Annual Inspection Engineer:	Elliott Ireland
Site Code:	0670
Site Name:	A38 LANDRAKE EASTBOUND, CORNWALL
Project ID:	P5659P (P5659SR)
Device Location:	50.4223, -4.29251
Initial Site Calibration Start Date:	10/07/2025
Annual Inspection Date:	08/06/2026
Radar Factory Calibration Date:	01/05/2025
Valid Until*:	07/06/2027

* 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	10/07/2025
Annual Inspection Date	08/06/2026

Location	
Site Name	0670 - A38 LANDRAKE EASTBOUND, CORNWALL
Device Location	50.4223, -4.29251

Asset Calibration	
Device Serial Number	JE810100425-0479
VECTOR Serial Number	SB161224-0443
Device Distance to Notional Stop Line (m)	28
Device Height (m)	5.34
Device Offset (m)	4.66
Site Calibrated by	Stephen Pigden
Site Inspected by	Elliott Ireland

Radar Factory Calibration Report	
FST3 Radar Serial Number	590-113/80812
Radar Factory Calibration Date	01/05/2025
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:	10/07/2025	Serial Number:	SP-VYS-01
Laser Measure	Calibration Date:	01/04/2025	Serial Number:	332320238
Radar Alignment Tool	Calibration Date:	10/07/2025	Serial Number:	60065

Annual Inspection Tools				
Vbox	Calibration Date:	08/01/2026	Serial Number:	088137
Laser Measure	Calibration Date:	20/03/2026	Serial Number:	2444070324