



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 JE810100224-0391 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:	Robert Jones
Annual Inspection Engineer:	Elliott Ireland
Site Code:	0600
Site Name:	A394 Longdowns Village, Penryn, Cornwall
Project ID:	P4294M (P4715SR)
Device Location:	50.1642, -5.16016
Initial Site Calibration Start Date:	13/08/2024
Annual Inspection Date:	06/08/2025
Radar Factory Calibration Date:	16/02/2024
Valid Until*:	05/08/2026

* 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	13/08/2024
Annual Inspection Date	06/08/2025

Location	
Site Name	0600 - A394 Longdowns Village, Penryn, Cornwall
Device Location	50.1642, -5.16016

Asset Calibration	
Device Serial Number	JE810100224-0391
VECTOR Serial Number	SB160723-0336
Device Distance to Notional Stop Line (m)	30
Device Height (m)	5.32
Device Offset (m)	3.47
Site Calibrated by	Robert Jones
Site Inspected by	Elliott Ireland

Radar Factory Calibration Report	
FST3 Radar Serial Number	590-113/80060
Radar Factory Calibration Date	16/02/2024
Specified Radar Frequency (GHz)	Measured Radar Frequency (GHz)
24.045	24.049
24.085	24.087
24.125	24.127
24.165	24.169
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:	13/08/2024	Serial Number:	RJ001
Laser Measure	Calibration Date:	22/04/2024	Serial Number:	1022761252
Radar Alignment Tool	Calibration Date:	13/08/2024	Serial Number:	60028

Annual Inspection Tools				
Vbox	Calibration Date:	27/09/2024	Serial Number:	088629
Laser Measure	Calibration Date:	17/03/2025	Serial Number:	2444070324