



# 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 JE810100720-0188 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".

Derek Penn  
**Director of Operations**

Calibrating Engineer:	Andrew Flanagan
Annual Inspection Engineer:	Simon Kennington
Site Code:	749
Site Name:	A550 Harwarden
Project ID:	P4544M (P4566SR)
Device Location:	53.1961, -3.02636
Initial Site Calibration Start Date:	25/01/2023
Annual Inspection Date:	17/01/2024
Radar Factory Calibration Date:	19/01/2023
Valid Until*:	15/01/2025

\* 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	25/01/2023
Annual Inspection Date	17/01/2024

Location	
Site Name	749 - A550 Harwarden
Device Location	53.1961, -3.02636

Asset Calibration	
Device Serial Number	JE810100720-0188
VECTOR Serial Number	SB160220-0122
Device Distance to Notional Stop Line (m)	28
Device Height (m)	5.41
Device Offset (m)	3.895
Site Calibrated by	Andrew Flanagan
Site Inspected by	Simon Kennington

Radar Factory Calibration Report	
FST3 Radar Serial Number	590-113/62346
Radar Factory Calibration Date	19/01/2023
Specified Radar Frequency (GHz)	Measured Radar Frequency (GHz)
24.045	24.048
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:	25/01/2023	Serial Number: AF003
Laser Measure	Calibration Date:	23/03/2022	Serial Number: 322750057
Radar Alignment Tool	Calibration Date:	25/01/2023	Serial Number: 4910474

Annual Inspection Tools			
Vbox	Calibration Date:	23/08/2023	Serial Number: 079687
Laser Measure	Calibration Date:	13/06/2023	Serial Number: 1052459636