



# 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 JE810100518-0008 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:	Stephen Pigden
Annual Inspection Engineer:	Stephen Pigden
Site Code:	4117
Site Name:	Fitzalan Place Jct with Adam Street Cardiff
Project ID:	P4544M (P3849SR)
Device Location:	51.4816, -3.16641
Initial Site Calibration Start Date:	25/05/2023
Annual Inspection Date:	14/05/2024
Radar Factory Calibration Date:	27/04/2023
Valid Until*:	13/05/2025

\* 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.



SRCRT575

P4544M (P3849SR)

Date	
Initial Site Calibration Start Date	25/05/2023
Annual Inspection Date	14/05/2024

Location	
Site Name	4117 - Fitzalan Place Jct with Adam Street Cardiff
Device Location	51.4816, -3.16641

Asset Calibration	
Device Serial Number	JE810100518-0008
VECTOR Serial Number	SB160218-0027
Device Distance to Notional Stop Line (m)	31.27
Device Height (m)	5.3
Device Offset (m)	6.475
Site Calibrated by	Stephen Pigden
Site Inspected by	Stephen Pigden

Radar Factory Calibration Report	
FST3 Radar Serial Number	590-113/63498
Radar Factory Calibration Date	27/04/2023
<b>Specified Radar Frequency (GHz)</b>	<b>Measured Radar Frequency (GHz)</b>
24.045	24.048
24.085	24.088
24.125	24.127
24.165	24.167
24.205	24.207
Radar Speed Test	
<b>Simulated Speed (km/h)</b>	<b>Measured Speed (km/h) Approach / Recede</b>
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:	25/05/2023	Serial Number:	SP-VYS-01
Laser Measure	Calibration Date:	08/03/2023	Serial Number:	332320238
Radar Alignment Tool	Calibration Date:	25/05/2023	Serial Number:	W465-000/60015

Annual Inspection Tools				
Vbox	Calibration Date:	09/09/2023	Serial Number:	088629
Laser Measure	Calibration Date:	21/03/2024	Serial Number:	332320238