



# 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 black ink, appearing to read "Derek Penn".

Derek Penn  
**Director of Operations**

Calibrating Engineer:	Stephen Pigden & James Brown
Annual Inspection Engineer:	Stephen Pigden
Site Code:	5114
Site Name:	Newport Road (Rumney Hill)
Project ID:	P4544M (P3849SR)
Device Location:	51.5031, -3.13825
Initial Site Calibration Start Date:	11/08/2021
Annual Inspection Date:	24/07/2023
Radar Factory Calibration Date:	22/07/2021
Valid Until*:	21/07/2024

\* 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.



SRCRT362 rev1

P4544M (P3849SR)

Date	
Initial Site Calibration Start Date	11/08/2021
Annual Inspection Date	24/07/2023

Location	
Site Name	5114 - Newport Road (Rumney Hill)
Device Location	51.5031, -3.13825

Asset Calibration	
Device Serial Number	JE810100518-0004
VECTOR Serial Number	SB160220-0120
Device Distance to Notional Stop Line (m)	28
Device Height (m)	5.38
Device Offset (m)	3.93
Site Calibrated by	Stephen Pigden & James Brown
Site Inspected by	Stephen Pigden

Radar Factory Calibration Report	
FST3 Radar Serial Number	590-113/64323
Radar Factory Calibration Date	22/07/2021
<b>Specified Radar Frequency (GHz)</b>	<b>Measured Radar Frequency (GHz)</b>
24.045	24.047
24.085	24.087
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:	11/08/2021	Serial Number:	SP-VYS-01
Laser Measure	Calibration Date:	12/03/2021	Serial Number:	1082950518
Radar Alignment Tool	Calibration Date:	11/08/2021	Serial Number:	W465-000/60015

Annual Inspection Tools				
Vbox	Calibration Date:	05/04/2023	Serial Number:	085101
Laser Measure	Calibration Date:	14/02/2024	Serial Number:	CC01261