



# 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 JE810100518-0003 including any replaced are identical to those used in the device as Type-Approved"

Signed by:

A handwritten signature in black ink that reads "Michael Kirsch".

Michael Kirsch  
**Product Design Director**

Calibrating Engineer:	Stephen Pigden & James Brown
Annual Inspection Engineer:	Stephen Pigden
Site Code:	5112
Site Name:	Greenway Road - Hendre Road
Project ID:	P4544M (P3849SR)
Device Location:	51.5204, -3.11257
Initial Site Calibration Start Date:	09/05/2022
Annual Inspection Date:	20/04/2023
Radar Factory Calibration Date:	04/05/2022
Valid Until*:	19/04/2024

\* 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.



Date	
Initial Site Calibration Start Date	09/05/2022
Annual Inspection Date	20/04/2023

Location	
Site Name	5112 - Greenway Road - Hendre Road
Device Location	51.5204, -3.11257

Asset Calibration	
Device Serial Number	JE810100518-0003
VECTOR Serial Number	SB160218-0001
Device Distance to Notional Stop Line (m)	30
Device Height (m)	5.31
Device Offset (m)	5.2
Site Calibrated by	Stephen Pigden & James Brown
Site Inspected by	Stephen Pigden

Radar Factory Calibration Report	
FST3 Radar Serial Number	590-113/63219
Radar Factory Calibration Date	04/05/2022
<b>Specified Radar Frequency (GHz)</b>	<b>Measured Radar Frequency (GHz)</b>
24.045	24.047
24.085	24.087
24.125	24.128
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:	09/05/2022	Serial Number:	SP-VYS-01
Laser Measure	Calibration Date:	09/03/2022	Serial Number:	1082951077
Radar Alignment Tool	Calibration Date:	09/05/2022	Serial Number:	W465-000/60015

Annual Inspection Tools				
Vbox	Calibration Date:	05/04/2023	Serial Number:	085101
Laser Measure	Calibration Date:	08/03/2023	Serial Number:	332320238