



# Certificate of Calibration

VECTOR SR

Speed Enforcement Device

"I confirm that the VECTOR SR Speed Enforcement System 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 JE810100419-0031 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:	5107
Site Name:	Pentwyn Road
Project ID:	P4205SR
Device Location:	51.5303, -3.14533
Initial Site Calibration Start Date:	22/05/2020
Annual Inspection Date:	09/05/2022
Radar Factory Calibration Date:	13/05/2020
Valid Until*:	08/05/2023

\* 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.



SRCRT202

P4205SR

Date	
Site Calibration Date:	22/05/2020
Annual Inspection Date:	09/05/2022

Location	
Site Name	5107 - Pentwyn Road
Device Location	51.5303, -3.14533

Asset Calibration	
Device Serial Number	JE810100419-0031
VECTOR Serial Number	SB160219-0054
Device Distance to Notional Stop Line (m)	27
Device Height (m)	5.53
Device Offset (m)	5.095
Site Calibrated by	Stephen Pigden & James Brown
Site Inspected by	Stephen Pigden

Radar Factory Calibration Report	
FST3 Radar Serial Number	590-113/63500
FST3 Radar Factory Cal Date	13/05/2020
Specified Radar Frequency (GHz)	Measured Radar Frequency (GHz)
24.045	24.038
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:	22/05/2020	Serial Number:	SP-VYS-01
Laser Measure	Calibration Date:	18/11/2019	Serial Number:	1051542549
Radar Alignment Tool	Calibration Date:	22/05/2020	Serial Number:	W465-000/60015

Annual Inspection Tools				
Vbox	Calibration Date:	27/06/2021	Serial Number:	079687
Laser Measure	Calibration Date:	09/03/2022	Serial Number:	1082951077