



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 JE810100518-0022 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:	Nigel Payne
Site Code:	4513
Site Name:	Carmarthen Road (near Cave Street)
Project ID:	P4544M (P3861SR)
Device Location:	51.6357, -3.96399
Initial Site Calibration Start Date:	12/10/2023
Annual Inspection Date:	01/10/2024
Radar Factory Calibration Date:	10/10/2023
Valid Until*:	30/09/2025

* 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	12/10/2023
Annual Inspection Date	01/10/2024

Location	
Site Name	4513 - Carmarthen Road (near Cave Street)
Device Location	51.6357, -3.96399

Asset Calibration	
Device Serial Number	JE810100518-0022
VECTOR Serial Number	SB161220-0160
Device Distance to Notional Stop Line (m)	30
Device Height (m)	5.33
Device Offset (m)	3.74
Site Calibrated by	Stephen Pigden
Site Inspected by	Nigel Payne

Radar Factory Calibration Report	
FST3 Radar Serial Number	590-113/62356
Radar Factory Calibration Date	10/10/2023
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:	12/10/2023	Serial Number: SP-VYS-01
Laser Measure	Calibration Date:	08/03/2023	Serial Number: 332320238
Radar Alignment Tool	Calibration Date:	12/10/2023	Serial Number: W465-000/60015

Annual Inspection Tools			
Vbox	Calibration Date:	11/04/2024	Serial Number: 85101
Laser Measure	Calibration Date:	09/10/2023	Serial Number: 1020570746



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 JE810100518-0016 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:	Nigel Payne
Annual Inspection Engineer:	Nigel Payne
Site Code:	4316
Site Name:	Carmarthen Road-Station Road
Project ID:	P4544M (P3861SR)
Device Location:	51.6406, -3.97647
Initial Site Calibration Start Date:	13/10/2023
Annual Inspection Date:	30/09/2024
Radar Factory Calibration Date:	31/07/2023
Valid Until*:	29/09/2025

* 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	13/10/2023
Annual Inspection Date	30/09/2024

Location	
Site Name	4316 - Carmarthen Road-Station Road
Device Location	51.6406, -3.97647

Asset Calibration	
Device Serial Number	JE810100518-0016
VECTOR Serial Number	SB160221-0161
Device Distance to Notional Stop Line (m)	31.15
Device Height (m)	5.31
Device Offset (m)	2.85
Site Calibrated by	Nigel Payne
Site Inspected by	Nigel Payne

Radar Factory Calibration Report	
FST3 Radar Serial Number	590-113/68526
Radar Factory Calibration Date	31/07/2023
Specified Radar Frequency (GHz)	Measured Radar Frequency (GHz)
24.045	24.046
24.085	24.086
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:	13/10/2023	Serial Number: NP-JEN-01
Laser Measure	Calibration Date:	09/10/2023	Serial Number: 1020570746
Radar Alignment Tool	Calibration Date:	13/10/2023	Serial Number: W465-000/60015

Annual Inspection Tools			
Vbox	Calibration Date:	11/04/2024	Serial Number: 85101
Laser Measure	Calibration Date:	09/10/2023	Serial Number: 1020570746