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 JE820101024-0437
including any replaced are identical to those used in the device as Type-Approved"

Signed by:  Derek Penn
Director of Operations

Calibrating Engineer:	Stephen Pigden
Site Code:	6125
Site Name:	North Road Cardiff Northbound
Project ID:	P5437SR
Device Location:	51.5003, -3.19508
Site Calibration Start Date:	26/02/2025
Radar Factory Calibration Date:	14/10/2024
Valid Until*:	25/02/2026

* Site Calibration Valid until up to one year from Site Calibration Start Date, or three years from Radar Factory Calibration Date, whichever is sooner.

Jenoptik UK Ltd.,Ten Watchmoor Park, Riverside Way, Camberley Surrey GU15 3YL UK

SRCRT858

P5437SR

Date	
Site Calibration Start Date	26/02/2025

Location	
Site Name	6125 - North Road Cardiff Northbound
Device Location	51.5003, -3.19508

Asset Calibration	
Device Serial Number	JE820101024-0437
VECTOR Serial Number	SB160624-0399
Device Distance to Notional Stop Line (m)	30
Device Height (m)	5.56
Device Offset (m)	3.06
Site Calibrated by	Stephen Pigden

Radar Factory Calibration Report	
FST3 Radar Serial Number	590-113/80490
Radar Factory Calibration Date	14/10/2024
Specified Radar Frequency (GHz)	**Measured Radar Frequency (GHz)**
24.045	24.048
24.085	24.088
24.125	24.128
24.165	24.168
24.205	24.209
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

Calibration Tools				
Measuring Tape	Calibration Date:	26/02/2025	Serial Number:	SP-VYS-01
Laser Measure	Calibration Date:	21/03/2024	Serial Number:	332320238
Radar Alignment Tool	Calibration Date:	26/02/2025	Serial Number:	60065