



Certificate of Calibration

SPECS3

Speed Enforcement Zone

"I confirm that the Average Speed Enforcement Zone 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 SPECS3 device

All parts and components used in Device Serial Number: CA7101008230125
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:

Kristopher Penn & Lee Bowman

Site Name:

A494 Westbound Deeside Industrial Park
Interchange on slip to Queensferry Interchange,
Flintshire

Site Code ref:

770

Direction:

Westbound

Baseline Length:

2925 metres

Date Measured:

20/07/2021

Home Office Type Approval requires this device to be re-calibrated once every 2 years. The Baseline distance is measured at the time of initial calibration and only re-measured if the road layout has changed.

Calibration Date:

25/04/2024

Valid Until:

12/03/2026

CRT7339



Location	
Site Name	A494 Westbound Deeside Industrial Park Interchange on slip to Queensferry Interchange, Flintshire
Site Code Reference	770

Camera Calibration				
Camera Number	Camera Serial Number	Primary Clock Frequency	Secondary Clock Frequency	Site Calibrated By
9-1	NW170200722-0656	Derived By GPS	1000.0007	Kristopher Penn & Lee Bowman
9-2	NW170200722-0656	Derived By GPS	1000.0007	Kristopher Penn & Lee Bowman
10-1	NW170201221-0539	Derived By GPS	1000.0011	Kristopher Penn & Lee Bowman
10-2	NW170201221-0539	Derived By GPS	1000.0011	Kristopher Penn & Lee Bowman

ERCU Configuration	
ERCU Serial Number	CA7101008230125
ERCU Site Configuration Data File	SCD20240822112842
SCD File Checksum	57
SCD File in use from	22/08/2024 11:28:42

Calibration Tools				
Racelogic Vbox	Serial Number:	085101	Calibrated Date:	08/05/2021
Frequency Counter	Serial Number:	296637	Calibrated Date:	17/10/2023
Frequency Counter	Serial Number:	504236	Calibrated Date:	19/05/2023
Measuring Tape	Serial Number:	LB001	Calibrated Date:	25/04/2024
Measuring Tape	Serial Number:	KP005	Calibrated Date:	13/03/2024
Laser Measure	Serial Number:	320430540	Calibrated Date:	29/11/2023
Laser Measure	Serial Number:	1074251431	Calibrated Date:	18/12/2023



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Signed by:

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Derek Penn
Director of Operations

Calibrating Engineer:

Kristopher Penn & Lee Bowman

Site Name:

A494 Westbound Deeside Industrial Park
Interchange on slip to St David's Park
Interchange, Flintshire

Site Code ref:

773

Direction:

Westbound

Baseline Length:

5100 metres

Date Measured:

20/07/2021

Home Office Type Approval requires this device to be re-calibrated once every 2 years. The Baseline distance is measured at the time of initial calibration and only re-measured if the road layout has changed.

Calibration Date:

25/04/2024

Valid Until:

12/03/2026

CRT7340



Location	
Site Name	A494 Westbound Deeside Industrial Park Interchange on slip to St David's Park Interchange, Flintshire
Site Code Reference	773

Camera Calibration				
Camera Number	Camera Serial Number	Primary Clock Frequency	Secondary Clock Frequency	Site Calibrated By
9-1	NW170200722-0656	Derived By GPS	1000.0007	Kristopher Penn & Lee Bowman
9-2	NW170200722-0656	Derived By GPS	1000.0007	Kristopher Penn & Lee Bowman
11-1	NW170200722-0641	Derived By GPS	1000.0010	Kristopher Penn & Lee Bowman
11-2	NW170200722-0641	Derived By GPS	1000.0010	Kristopher Penn & Lee Bowman

ERCU Configuration	
ERCU Serial Number	CA7101008230125
ERCU Site Configuration Data File	SCD20240822112842
SCD File Checksum	57
SCD File in use from	22/08/2024 11:28:42

Calibration Tools				
Racelogic Vbox	Serial Number:	085101	Calibrated Date:	08/05/2021
Frequency Counter	Serial Number:	296637	Calibrated Date:	17/10/2023
Frequency Counter	Serial Number:	504236	Calibrated Date:	19/05/2023
Measuring Tape	Serial Number:	LB001	Calibrated Date:	25/04/2024
Measuring Tape	Serial Number:	LB001	Calibrated Date:	13/03/2024
Laser Measure	Serial Number:	320430540	Calibrated Date:	29/11/2023
Laser Measure	Serial Number:	1074251431	Calibrated Date:	18/12/2023



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Signed by:

A handwritten signature in black ink, appearing to read "Derek Penn", written over a horizontal line.

Derek Penn
Director of Operations

Calibrating Engineer:

Lee Bowman

Site Name:

A494 Westbound Queensferry Interchange to St
David's Park Interchange, Flintshire

Site Code ref:

771

Direction:

Westbound

Baseline Length:

2176 metres

Date Measured:

20/07/2021

Home Office Type Approval requires this device to be re-calibrated once every 2 years. The Baseline distance is measured at the time of initial calibration and only re-measured if the road layout has changed.

Calibration Date:

25/04/2024

Valid Until:

24/04/2026

CRT7341



Location	
Site Name	A494 Westbound Queensferry Interchange to St David's Park Interchange, Flintshire
Site Code Reference	771

Camera Calibration				
Camera Number	Camera Serial Number	Primary Clock Frequency	Secondary Clock Frequency	Site Calibrated By
10-1	NW170201221-0539	Derived By GPS	1000.0011	Lee Bowman
10-2	NW170201221-0539	Derived By GPS	1000.0011	Lee Bowman
11-1	NW170200722-0641	Derived By GPS	1000.0010	Lee Bowman
11-2	NW170200722-0641	Derived By GPS	1000.0010	Lee Bowman

ERCU Configuration	
ERCU Serial Number	CA7101008230125
ERCU Site Configuration Data File	SCD20240822112842
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Calibration Tools				
Racelogic Vbox	Serial Number:	085101	Calibrated Date:	08/05/2021
Frequency Counter	Serial Number:	296637	Calibrated Date:	17/10/2023
Measuring Tape	Serial Number:	LB001	Calibrated Date:	25/04/2024
Laser Measure	Serial Number:	1074251431	Calibrated Date:	18/12/2023



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Signed by:

A handwritten signature in black ink, appearing to read "Derek Penn".

Derek Penn
Director of Operations

Calibrating Engineer:

Kristopher Penn & Lee Bowman

Site Name:

A494 Westbound Deeside Industrial Park
Interchange to Queensferry Interchange,
Flintshire

Site Code ref:

769

Direction:

Westbound

Baseline Length:

3160 metres

Date Measured:

20/07/2021

Home Office Type Approval requires this device to be re-calibrated once every 2 years. The Baseline distance is measured at the time of initial calibration and only re-measured if the road layout has changed.

Calibration Date:

25/04/2024

Valid Until:

17/07/2025

CRT7342



Location	
Site Name	A494 Westbound Deeside Industrial Park Interchange to Queensferry Interchange, Flintshire
Site Code Reference	769

Camera Calibration				
Camera Number	Camera Serial Number	Primary Clock Frequency	Secondary Clock Frequency	Site Calibrated By
7-1	SB170200719-0064	Derived By GPS	1000.0009	Kristopher Penn & Lee Bowman
8-1	SB170200719-0061	Derived By GPS	1000.0013	Kristopher Penn & Lee Bowman
8-2	SB170200719-0061	Derived By GPS	1000.0013	Kristopher Penn & Lee Bowman
10-1	NW170201221-0539	Derived By GPS	1000.0011	Kristopher Penn & Lee Bowman
10-2	NW170201221-0539	Derived By GPS	1000.0011	Kristopher Penn & Lee Bowman

ERCU Configuration	
ERCU Serial Number	CA7101008230125
ERCU Site Configuration Data File	SCD20240822112842
SCD File Checksum	57
SCD File in use from	22/08/2024 11:28:42

Calibration Tools				
Racelogic Vbox	Serial Number:	085101	Calibrated Date:	08/05/2021
Frequency Counter	Serial Number:	256492	Calibrated Date:	16/02/2023
Frequency Counter	Serial Number:	296637	Calibrated Date:	17/10/2023
Measuring Tape	Serial Number:	KP005	Calibrated Date:	18/07/2023
Measuring Tape	Serial Number:	LB001	Calibrated Date:	25/04/2024
Laser Measure	Serial Number:	320430540	Calibrated Date:	28/09/2022
Laser Measure	Serial Number:	1074251431	Calibrated Date:	18/12/2023



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Signed by:

A handwritten signature in black ink, appearing to read "Derek Penn", written over a horizontal line.

Derek Penn
Director of Operations

Calibrating Engineer:

Kristopher Penn & Lee Bowman

Site Name:

A494 Westbound Deeside Industrial Park
Interchange to St David's Park Interchange,
Flintshire

Site Code ref:

772

Direction:

Westbound

Baseline Length:

5336 metres

Date Measured:

21/07/2021

Home Office Type Approval requires this device to be re-calibrated once every 2 years. The Baseline distance is measured at the time of initial calibration and only re-measured if the road layout has changed.

Calibration Date:

25/04/2024

Valid Until:

17/07/2026

CRT7343



Location	
Site Name	A494 Westbound Deeside Industrial Park Interchange to St David's Park Interchange, Flintshire
Site Code Reference	772

Camera Calibration				
Camera Number	Camera Serial Number	Primary Clock Frequency	Secondary Clock Frequency	Site Calibrated By
7-1	SB170200719-0064	Derived By GPS	1000.0009	Kristopher Penn & Lee Bowman
8-1	SB170200719-0061	Derived By GPS	1000.0013	Kristopher Penn & Lee Bowman
8-2	SB170200719-0061	Derived By GPS	1000.0013	Kristopher Penn & Lee Bowman
11-1	NW170200722-0641	Derived By GPS	1000.0010	Kristopher Penn & Lee Bowman
11-2	NW170200722-0641	Derived By GPS	1000.0010	Kristopher Penn & Lee Bowman

ERCU Configuration	
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Calibration Tools				
Racelogic Vbox	Serial Number:	085101	Calibrated Date:	08/05/2021
Frequency Counter	Serial Number:	256492	Calibrated Date:	16/02/2023
Frequency Counter	Serial Number:	296637	Calibrated Date:	17/10/2023
Measuring Tape	Serial Number:	KP005	Calibrated Date:	18/07/2023
Measuring Tape	Serial Number:	LB001	Calibrated Date:	25/04/2024
Laser Measure	Serial Number:	320430540	Calibrated Date:	28/09/2022
Laser Measure	Serial Number:	1074251431	Calibrated Date:	18/12/2023