

CALIBRATION CERTIFICATE

for

Truvelo Combi Smc Speed Camera System

Model: Combi Smc

Serial No: 846

Report No: 1278

Certificate No: 1278

Date of Calibration: 2nd September 2011

Next Calibration: 1st September 2012

Customer: South Yorkshire Police

We hereby confirm that the above equipment has been tested and calibrated, and conforms to the manufacturer's specifications.

The secondary check timings were measured over a range of speeds from 20 m.p.h. to 120 m.p.h. and found to be within the manufacturers specifications.

We certify that any parts replaced during the calibration process are identical to those used in the type approved device.

Copies of the test procedure, calibration results and test equipment Certificates of Calibration are held by Truvelo (UK) Ltd.

For Truvelo (UK) Ltd



Richard Cleveland
Service Manager

TRUVELO (UK) LTD

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SIMULATED SPEEDS & CAMERA SHUTTER TIMING TEST RESULTS

Option 1 (Tolerance +/- 2ms)

Simulated Speeds	Cal Time To 1.8m	Displayed Speeds	Displayed Time	Measured Time	Displayed Speeds	Displayed Time	Measured Time	Displayed Speeds	Displayed Time	Measured Time
(mph)	(ms)	(mph)	(ms)	(ms)	(mph)	(ms)	(ms)	(mph)	(ms)	(ms)
20	201.324	20	201	201.2120	20	201	201.2007	20	201	201.2569
40	100.662	40	100	100.5057	40	100	100.5657	40	100	100.5390
60	67.108	60	67	67.0007	60	67	67.0076	60	67	67.0344
80	50.33	80	50	50.2140	80	50	50.2752	80	50	50.2217
100	40.265	100	40	40.0863	100	40	40.1009	100	40	40.1276
120	33.554	120	33	33.3999	120	33	33.3893	120	33	33.3930

Option 3 (Tolerance +/- 2ms)

Simulated Speeds	Cal Time To 1.8m	Displayed Speeds	Displayed Time	Measured Time	Displayed Speeds	Displayed Time	Measured Time	Displayed Speeds	Displayed Time	Measured Time
(mph)	(ms)	(mph)	(ms)	(ms)	(mph)	(ms)	(ms)	(mph)	(ms)	(ms)
20	201.324	20	500	499.9570	20	500	499.9598	20	500	499.9482
40	100.662	40	499	499.9586	40	499	499.9755	40	500	499.9652
60	67.108	60	500	500.0307	60	500	499.9573	60	500	499.9612
80	50.33	80	499	499.9923	80	500	499.9486	80	500	499.9831
100	40.265	100	499	499.9992	100	500	499.9632	100	499	499.9689
120	33.554	120	500	499.9893	120	499	499.9751	120	499	499.9908

The above camera timings are used in the appropriate secondary check depending on the photographic option chosen. All are within specification.

Combi Serial No:	846	Camera Serial No:	36DCE 258619	Lens Serial No:	14797497
Certificate No:	1278	Date of Calibration:	2nd September 2011		

Formula for Time = (Dist x 3600) ÷ (Speed x 1.609344)

[use meters for dist and mph for Speed]

Calibrated by: M. Nateghi

Signature: 