

CALIBRATION CERTIFICATE

for

Truvelo Combi Smc Speed Camera System

Model: Combi Smc

Serial No: 845

Report No: 1252

Certificate No: 1252

Date of Calibration: 3rd June 2011

Next Calibration: 2nd June 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

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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	201.6071	20	201	201.5455	20	201	201.6136
40	100.662	40	100	100.8827	40	100	100.9065	40	100	100.8650
60	67.108	60	67	67.4182	60	67	67.2881	60	67	67.3688
80	50.33	80	50	50.6475	80	50	50.6290	80	50	50.6069
100	40.265	100	40	40.4757	100	40	40.5466	100	40	40.4635
120	33.554	120	33	33.7561	120	33	33.8934	120	33	33.8253

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	499	499.8555	20	500	500.0276	20	500	499.8611
40	100.662	40	499	499.8993	40	499	499.9994	40	499	499.8356
60	67.108	60	499	499.8284	60	500	499.9815	60	499	499.8492
80	50.33	80	499	499.8669	80	500	499.9812	80	499	499.8717
100	40.265	100	499	499.8887	100	499	499.9938	100	499	499.9000
120	33.554	120	499	499.8639	120	500	499.9520	120	499	499.8351

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

Combi Serial No:	845	Camera Serial No:	36DCE 258621	Lens Serial No:	14791130
Certificate No:	1252	Date of Calibration:	3rd June 2011		

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

[use meters for dist and mph for Speed]

Calibrated by: M. Nateghi

Signature:

