

CALIBRATION CERTIFICATE

for

Truvelo Combi Smc Speed Camera System

Model : Combi Smc

Serial No: 899

Report No: 961

Certificate No: 961

Date of Calibration: 19th March 2009

Next Calibration: 18th March 2010

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



R Cleveland
Service Manager

TRUVELO (UK) LTD

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	201.3634	20	201	201.3182	20	201	201.3663
40	100.662	40	100	100.6838	40	100	100.6720	40	100	100.6885
60	67.108	60	67	67.1686	60	67	67.3254	60	67	67.2774
80	50.33	80	50	50.4256	80	50	50.3713	80	50	50.3532
100	40.265	100	40	40.2966	100	40	40.4373	100	40	40.3654

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	500.0808	20	500	499.9309	20	499	500.0154
40	100.662	40	500	500.0227	40	499	499.9027	40	500	500.0910
60	67.108	60	500	500.0904	60	499	499.8447	60	500	500.0058
80	50.33	80	500	499.9742	80	499	499.7795	80	500	500.0402
100	40.265	100	500	500.1081	100	499	499.7975	100	500	500.0345

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

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

[use meters for dist and mph for Speed]

Combi Ser No:	899	Camera Ser No:	36DCE 259900	Lens Ser No:	14862370
Certificate No:	961	Date of Calibration:	19th March 2009		

Calibrated by: M. Nateghi

Signature:

