

CALIBRATION CERTIFICATE

for

Truvelo Combi Smc Speed Camera System

Model: Combi Smc

Serial No: 898

Report No: 1272

Certificate No: 1272

Date of Calibration: 22nd July 2011

Next Calibration: 21st July 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

Tel:020 8847 4400

email:info@truelouk.com

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	201.4048	20	201	201.5032	20	201	201.4189
40	100.662	40	100	100.7061	40	100	100.7363	40	100	100.7482
60	67.108	60	67	67.2875	60	67	67.3038	60	67	67.3112
80	50.33	80	50	50.5472	80	50	50.4353	80	50	50.4982
100	40.265	100	40	40.2544	100	40	40.4325	100	40	40.3786
120	33.554	120	33	33.6743	120	33	33.6353	120	33	33.5920

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	499.9816	20	500	499.8021	20	500	499.9297
40	100.662	40	499	499.8096	40	500	499.8075	40	500	499.8738
60	67.108	60	500	499.9130	60	499	499.7070	60	500	499.9868
80	50.33	80	499	499.9285	80	500	499.9015	80	500	499.9890
100	40.265	100	500	499.9574	100	500	499.8302	100	500	500.0362
120	33.554	120	500	499.8287	120	499	499.7665	120	500	499.9577

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

Combi Serial No:	898	Camera Serial No:	36DCE 259898	Lens Serial No:	14839094
Certificate No:	1272	Date of Calibration:	22nd July 2011		

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

[use meters for dist and mph for Speed]

Calibrated by: M. Nateghi

Signature: 