

CALIBRATION CERTIFICATE

for

Truvelo Combi Smc Speed Camera System

Model: Combi Smc

Serial No: 931

Report No: 1282

Certificate No: 1282

Date of Calibration: 8th September 2011

Next Calibration: 7th 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

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	201.6949	20	201	201.6266	20	201	201.6177
40	100.662	40	100	100.8933	40	100	100.9561	40	100	100.9411
60	67.108	60	67	67.5198	60	67	67.4616	60	67	67.4114
80	50.33	80	50	50.6202	80	50	50.6622	80	50	50.6386
100	40.265	100	40	40.5763	100	40	40.5263	100	40	40.5784
120	33.554	120	33	33.8165	120	33	33.8154	120	33	33.8516

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	499.9683	20	499	499.7389	20	500	500.0903
40	100.662	40	500	499.9819	40	500	500.0345	40	500	500.0113
60	67.108	60	500	499.9023	60	500	499.9954	60	500	500.0203
80	50.33	80	500	499.9857	80	500	499.9130	80	499	499.8374
100	40.265	100	500	500.0438	100	500	500.0391	100	500	500.0291
120	33.554	120	500	499.9866	120	500	499.9945	120	500	500.0357

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

Combi Serial No:	931	Camera Serial No:	36DCE 260771	Lens Serial No:	14831302
Certificate No:	1282	Date of Calibration:	8th 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:

