



# Certificate of Test

**No. 07R297 CC**

**Issue#1: 5<sup>th</sup> September 2007**

**UKAS Accredited  
EU Notified Body  
FCC & VCCI Registered  
BSMI Lab ID: SL2-IN-E-3008**

**This document is hereby issued by Hursley EMC Services Limited to the named manufacturer. It is valid only for the product identified below in respect, either in part or in full, to the relevant electromagnetic requirements necessary for compliance with the EMC Directive 89/336/EEC and other national requirements.**

**PRODUCT:**

**Mini-FLOCKMAN**

**SERIAL NUMBER:**

**001** (designated by Hursley EMC Services)

*Product build level:*

Production sample

*Product manufacturer:*

David Filmer Limited

*Product modifications:*

None to sample submitted

*Product build description:*

Ref. Job sheet 07R297 defining product & support equipment

*Customer:*

David Filmer Limited

Wascelyn, Brent Knoll, Somerset TA9 4DT. UK.

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*Test commissioned by:*

Mr D Filmer

*Test period:*

3<sup>rd</sup> – 6<sup>th</sup> August 2007

*Test deviations:*

None to sample submitted.

*Equipment category:*

Electrical equipment for measurement, control and laboratory use.

Immunity tests requirements for continuous unmonitored operation.

*Applied EMC test standards:*

**Emissions: EN 61326:1997**

**inc A1:1998, A2:2001 & A3:2003**

Radiated disturbance

- CISPR 22:1993, Class A

Conducted disturbance, ac port

- CISPR 22:1993, Class A

**EN 61000-3-2:2000**

Mains harmonics

**EN 61000-3-3:1995 inc A1:2001**

Mains voltage flicker (D<sub>max</sub>=4%)

**Immunity: EN 61326:1997**

Electrostatic discharge

- EN 61000-4-2:1995

**inc A1:1998, A2:2001 & A3:2003**

Radiated RF interference

- EN 61000-4-3:1996

Fast transient bursts

- EN 61000-4-4:1995

Surge

- EN 61000-4-5:1995

Conducted RF field

- EN 61000-4-6:1996

Voltage dips and interruptions

- EN 61000-4-11:1994

*UKAS uncertainty statement:* The uncertainty measurement for each test has been included to support a level of confidence of approximately 95%.

This product complies with the technical requirements concerning the applied sections of the above identified test standards.

This certificate relates to the product as tested and may not represent the entire population. Test data and product details for reporting purposes are filed (ref.07R297) at Hursley EMC Services Ltd.



*R. P. St John James*

PROJECT ENGINEER: R. P. St John James

Note: The Class A warning should be placed on the product and/or in the product's user manual.

Approved signatories: J. A. Jones ( ) I. P. Kenney ( ) S. M. Connolly ( ✓ )

*The above named are authorised Hursley EMC Services engineers*

*S. M. Connolly*  
APPROVAL SIGNATORY