



## ModemBuffer Approvals

### EMC

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#### Europe

EN55022	Class B (Emissions)
EN55024	Class B (Immunity)
R&TTE	(Telecoms)

#### Australia

AS/NZS 3548	Class B (Emissions)
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#### USA

FCC Part 15	Limit B (Emissions)
FCC Part 68	(Telecoms)

#### Canada

ICES-003/NMB-003	Limit B (Emissions)
CS-03	(Telecoms)

### Safety

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#### Europe

EN60950

#### America/Canada

UL/CUL  
 UL60950 (Listed E236018)  
 CSA C22.2 No. 60950

#### Rest of World

CB  
 IEC60950:1999 (Listed DK-6828)

**EMC DECLARATION OF CONFORMITY**

Certificate Serial Number: **9**

Product Description: **ModemBuffer**

Manufactured By: **Scannex Electronics**

Address of Manufacturer: **Unit 8, English Business Park  
English Close  
Hove, East Sussex  
BN3 7ET**

Telephone Number: **08707 486565**

This is to certify that the above described product conforms with the protection requirements of council directive 89/336/EEC and the amending directives, relating to Electromagnetic Compatibility, and Council Directive 73/23/EEC and amending directives, relating to the Low Voltage Directive, by application of:

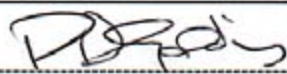
**Application of EMC Standards**

EN55022: *Information technology Equipment-Radio disturbance Characteristics (Class B Equipment)*  
 EN55024: *Information Technology Equipment-Immunity Characteristics (Class B Equipment)*  
 EN60950: *Safety*  
 R&TTE: *Modem*

**Competent Body/Test house report**

Test Name	Emissions(Open Air)	Immunity
Address	TRL EMC Ltd Long Green Forthampton Gloucester GL19 4QH	Scannex Electronics Ltd at the Sussex Euro Compliance Group HCD Research Burgess Hill, Sussex
Telephone	01684 833858	01444 257795
Report/Certificate Number	Certificate EL3085/7730	Report ModemBuffer-EMC2.DOC
Report/Certificate Date	11 July 2003	1 August 2003

**Signed on behalf of Scannex Electronics Ltd**

Signed  Ray Golding BSc (Managing Director)

Dated 1<sup>st</sup> March 2004

Acting as Responsible Person (Manufacturer)



# TEST CERTIFICATE

CERTIFICATE No: EL3085 / 7730

ISSUE No: 2

COPY No: 1

DATE: 8/3/2004

PURPOSE OF TEST: EMC EMISSIONS  
TRL TEST WON: EL3085  
TEST SPECIFICATION(S): EN55022: 1998 CLASS B  
EQUIPMENT UNDER TEST: MODEMBUFFER incorporating TOUCH ELECTRONIC CO. PSU model SA070507  
MODEL / TYPE / VERSION No: GN01-0032  
BUILD LEVEL: PRODUCTION  
EQUIPMENT SERIAL No: NONE  
TEST RESULT: MEASURED AS COMPLIANT  
(Measurement uncertainty as per RF109 current issue)  
MANUFACTURER / AGENT: SCANNEX ELECTRONICS  
UNIT 8  
ENGLISH BUSINESS PARK  
ENGLISH CLOSE  
HOVE  
EAST SUSSEX  
BN3 7ET  
ORDER No / CLIENT REFERENCE: 03-369  
DATE OF TEST: 30<sup>th</sup> JUNE and 1<sup>st</sup> JULY 2003

TESTED BY:  D SHEPHARD

APPROVED BY:  S HAYES

MANAGER, TRL EMC, TRL COMPLIANCE SERVICES LTD

The results contained herein relate only to the sample tested. Full results are contained in the relevant works order file.



# TEST CERTIFICATE

CERTIFICATE No: EL3085 / 7728

ISSUE No: 2

COPY No: 1

DATE: 6/2/2004 .

PURPOSE OF TEST: EMC EMISSIONS  
TRL TEST WON: EL3085  
TEST SPECIFICATION(S): FCC RULES CFR 47: MARCH 2003 PART 15 LIMIT B  
EQUIPMENT UNDER TEST: MODEMBUFFER incorporating  
TOUCH ELECTRONIC CO. PSU model SA070507  
MODEL / TYPE / VERSION No: GN01-0032  
BUILD LEVEL: PRODUCTION  
EQUIPMENT SERIAL No: NONE  
TEST RESULT: MEASURED AS COMPLIANT  
(Measurement uncertainty as per RF109 current issue)  
MANUFACTURER / AGENT: SCANNEX ELECTRONICS  
UNIT 8  
ENGLISH BUSINESS PARK  
ENGLISH CLOSE  
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MANAGER, TRL EMC, TRL COMPLIANCE SERVICES LTD

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# Certificate of Compliance

Certificate Number 090703 - E236018A  
Report Reference E236018, June 09, 2003  
Issue Date 2003 July 9

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**Issued to:** **Scannex Electronics Ltd**  
Waterside House - Basin Rd N - Hove, East Sussex  
BN41 1UY England United Kingdom


*This is to certify that representative samples of* **Data Collection and Management units**  
**GNXX-0032, where XX= 01 to 99 ( refers to non safety related features regarding board design, case color and software)**

*Have been investigated by Underwriters Laboratories Inc.® in accordance with the Standard(s) indicated on this Certificate.*

**Standard(s) for Safety:** **UL 60950 - Safety of Information Technology Equipment**  
**CSA C22.2 No. 60950 - Safety of Information Technology Equipment**

**Additional Information:** **Rating(s):**  
**input 7 - 9 V dc, 300mA**

**Only those products bearing the UL Listing Mark for the US and Canada should be considered as being covered by UL's Listing and Follow-Up Service meeting the appropriate requirements for US and Canada.**

The UL Listing Mark for the US and Canada generally includes: the UL in a circle symbol with "C" and "US" identifiers:  the word "LISTED"; a control number (may be alphanumeric) assigned by UL; and the product category name (product identifier) as indicated in the appropriate UL Directory.

**Look for the UL Listing Mark on the product**

Issued By: *Nana Dankwa / BC*  
Nana Dankwa - Associate Project Engineer

Reviewed By: *David Snook / BC*  
David Snook - Project Engineer

Pursuant to the Corporate Services Agreement between UL International (UK) Ltd. and Underwriters Laboratories Inc. ("UL"), UL hereby accepts and issues this Certificate of Compliance. For questions in , you may call +44 0 1483 302 130.