

ET1224L-XXXC-X SERIES

PROJECT # 574

AGENCY CERTIFICATIONS

ITEM	CERTIFICATION DOCUMENT
1	USL/CNL Listed (UL 60950) – Report Page 1
2	TUV-GS - Certificate
3	FCC Part 15/Industry Canada ICES-03/VCCI/C-Tick Class B: Declaration of Conformity
4	CE Emissions Class B (EN 55022) - Declaration of Conformity CE Immunity (EN 55024) - Declaration of Conformity CE Safety (EN60950) - Declaration of Conformity

ELO DOCUMENT #ES500138 Rev. A

DESCRIPTIONPRODUCT COVERED:

USL/CNL - LCD Monitors, Models ET1224L-XXXC-X-XXX, FPD1224L-XX and L2ES-YY; where X and YY can be A to Z, 0 to 9 or blank.

ELECTRICAL RATINGS:

12 V dc, 2.5 A

ENGINEERING CONSIDERATION: (Not for Field Representative's Use)

Special Considerations - The following items are considerations that were used when evaluating this product.

USL/CNL indicates investigation to the U.S. and Canadian (Bi-National) Standard for Safety of Information Technology Equipment, Including Electrical Business Equipment, CAN/CSA C22.2 No. 950 * UL 1950, Third Edition, including revisions through revision date March 1, 1998, which are based on the Fourth Amendment to IEC 60950, Second Edition.

The equipment was submitted and tested for a maximum manufacturer's recommended ambient (Tmra) of 40°C.

Each equipment is considered movable, Class III (supplied by SELV).

Limited Current Circuits - The following accessible locations are part of a limited current circuits:

Location

Secondary Side of Inverter

Zertifikat

Certificate



Zertifikat Nr. / Certificate No.
S 50009941

Blatt / Page
0001

Ihr Zeichen / Client Reference
EK

Unser Zeichen / Our Reference
ZTW1-CWU-10002296 002

Ausstellungsdatum
07.02.2002

Date of Issue
(day/month/year)

Genehmigungsinhaber / License Holder
ELO Touch Systems, Inc.
6500 Kaiser Drive
FREMONT, CA 94555-3613
USA

Fertigungsstätte / Manufacturing Plant
ZTW1-SSY-10002296 002

Prüfzeichen / Test Mark

Geprüft nach / Tested acc. to



EN 60950:1992+A1+A2+A3+A4+A11
EKL-ITB 2000

Zertifiziertes Produkt (Geräteidentifikation) / Certified Product (Product Identification)

Lizenzentgelte - Einheit / License Fee - Unit

Bildschirm (LCD Touch Monitor)

Bezeichnung (Type Designation) : BT1224L-aXXC-X-bXX 5

a steht für 0 (without touch panel); 1-9 (with touch panel) 1
(stands for)

b steht für (stands for) : 1

1) E - für (for) photo stand

2) 0-9, A-D, F-Z oder (or) freibleibend (blank)

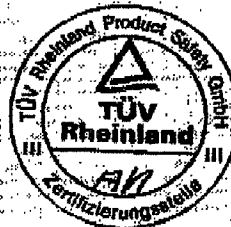
- für (for) general stand

X steht für 0-9, A-Z oder (or) 1
(stands for) freibleibend (blank)

Nennspannung (Rated Voltage) : DC 12V

Nennstrom (Rated Current) : 2.5A

Schutzklasse (Protection Class) : III



Fortsetzung Blatt (continued on page) 02

8

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde. Das Zertifikat ist max. 5 Jahre gültig, gerechnet jeweils vom Ausstellungsdatum des letzten Blattes. Produkt und Fertigungsstätte erfüllen Par. 3 Abs. 1 und 4 des Gerätesicherheitsgesetzes. This certificate is based on our Testing and Certification Regulation. The certificate is valid for max. 5 years after the date of issue of the latest page. Product and production fulfill par. 3 Art. 1 and 4 of the German Safety Law.

Zertifizierungsstelle

TÜV Rheinland Product Safety GmbH, Am Grauen Stein, D-51105 Köln
Zugelassene Stelle nach Par. 9 Abs. 2 GSG, Registered Authority acc. par. 9 Art. 2 GSG

Dipl.-Ing. A. Klinker

Tel.: (+49/221) 8 06 - 13 31. Fax: (+49/221) 8 06 - 39 35 e-mail: Ahhoff@de.tuv.com

Zertifikat

Certificate



Zertifikat Nr. / Certificate No.: S 50009941
 Blatt / Page: 0002

Ihr Zeichen / Client Reference: EK
 Unser Zeichen / Our Reference: ZTW1-CWU-10002296 002
 Ausstellungsdatum / Date of Issue: 07.02.2002 (day/month)

Genehmigungsinhaber / License Holder: ELO Touch Systems, Inc.
 6500 Kaiser Drive
 FREMONT, CA 94555-3613
 USA
 Fertigungsstätte / Manufacturing Plant: ZTW1-SSY-10002296 002

Prüfzeichen / Test Mark

Geprüft nach / Tested acc. to:
 EN 60950:1992+A1+A2+A3+A4+A11
 EKI-ITB 2000



Zertifiziertes Produkt / (Geräteidentifikation)
 Certified Product / (Product Identification)

Lizenzentgelte - Einheit
 License Fee - Unit

Bildschirm / (LCD Touch Monitor)
 wie Blatt / (as page) 01

Klassifizierung / (Classification)
 Reflexionsklasse / (Reflection Class) pos./neg.:
 III/III (MSX121022010/TORISAN-touch screen SCN-AT/ELO)
 I/I (MSX121022010/TORISAN)



Hinweis / (Remark): Die Anwendung dieses Monitors erfordert eine speziell kontrollierte Umgebungsbeleuchtung.
 (The application of this monitor requires a special controlled luminous environment.)

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde. Das Zertifikat ist max. 5 Jahre gültig, gerechnet jeweils vom Ausstellungsdatum des letzten Blattes. Produkt und Fertigungsstätte erfüllen Par. 3 Abs. 1 und 4 des Gerätesicherheitsgesetzes. This certificate is based on our Testing and Certification Regulation. The certificate is valid for max. 5 years after the date of issue of the latest page. Product and production fulfill par. 3 Art. 1 and 4 of the German Safety Law.

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Dipl.-Ing. A. Klinker

Tel.: (+49/221) 8 06 - 13 71 Fax: (+49/221) 8 06 - 39 35 e-mail: Althoff@de.tuv.com

Declaration of Conformity

Standards to which conformity is declared:

FCC Part 15:	Class B
ICES-03:	Class B
VCCI:	Class B
C-Tick:	Class B
UL 1950:	Third Edition
C22.2 No. 950:	Third Edition (cUL)

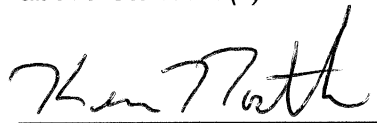
Manufacturer's Name and Address:	Elo TouchSystems, Inc. 6500 Kaiser Drive Fremont, California, USA 94555-3613
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Type of Equipment:	Information Technology Equipment
Equipment Class:	Commercial & Light Industrial
Product Name:	Touch Monitor

Model Number(s): ET1224L-XXXC-X-XX* (x=0-9/A-Z/blank, *= suffixes)

Year of Manufacture: 2002

We hereby declare that the equipment specified above conforms to the above Standard(s).



Ken North
Manager, Engineering TouchSystems
Fremont, California, USA

Declaration of Conformity

Application of Council Directives: 89/336/EEC
93/68/EEC

Standards to which conformity is declared:

EN 60 950 : 1992+A1+A2+A3+A4+A11
EN 55 022 : 1998 Class B
EN 55 024 : 1998
EN 61 000-3-2: 1995+A1+A2 Class A
EN 61 000-3-3: 1995 Standard
EN 61 000-4-2: 1995 4/8 kV
EN 61 000-4-3: 1996 Level 2, 3 volts/meter
EN 61 000-4-4: 1995 Level 2, 0.5/1.0 kV at 5Khz
EN 61 000-4-5: 1995 Level 3, 1.0/2.0 kV at 5Khz
EN 61 000-4-6: 1996 Level 2, 3 volts/meter at 0.15-80Mhz
EN 61 000-4-8: 1993 3 amps/meter @ 50 Hz
EN 61 000-4-11: 1994 0/40/70% U_T, dips, variations

Manufacturer's Name and Address: Elo TouchSystems, Inc.
6500 Kaiser Drive
Fremont, California, USA
94555-3613

Manufacturer's Address in EU: Tyco Electronics Raychem NV, div. Elo TouchSystems
Diestsesteenweg 692
Kessel-lo, Belgium

Type of Equipment: Information Technology Equipment

Equipment Class: Commercial & Light Industrial

Product Name: Touch Monitor

Model Number(s): ET1224L-XXXC-X-XX* (x=0-9/A-Z/blank, *= suffixes)

Year of Manufacture: 2002

We hereby declare that the equipment specified above conforms to the above Directives and Standard(s).

Luc Mergeay
Managing Director
Kessel-lo, Belgium



Ken North
Manager, Engineering TouchSystems
Fremont, California, USA