

ESY152XL-XXXXA* SERIES

AGENCY CERTIFICATIONS

ITEM	CERTIFICATION DOCUMENT
1	USL/CNL Listed (UL 60950) – Report Page 1
2	TUV-GS (EN 60950, EK1-ITB) – Certificate
3	CB (IEC 60950) – Certificate, Report Pg. 1 (all member deviations)
4	Declaration of Conformity - CE EMC Directive: Emissions Class A (EN 55022, CISPR 22); Immunity (EN 61000-6-2, EN 55024) Low Voltage Directive: Safety (EN 60950)
5	Declaration of Conformity – FCC, IC, VCCI, C-Tick, cULus, Section 508
6	Argentina (IEC 60950) – Certificate

ELO DOCUMENT #ES500298

COVER PAGE FOR TEST REPORT

Product Category:	Information Technology Equipment Including Electrical Business Equipment
Product Category CCN:	NWGQ, NWGQ7
Test Procedure:	Listing
Product:	LCD Touch Computer
Model/Type Reference:	ESY152XL-XXXX*, where X can be any alphanumeric character or blank and * may be any suffix
Rating(s):	12 V dc, 5 A
Standards:	UL 60950-1:2003, First Edition CSA C22.2 No. 60950-1-03 1st Ed. April 1, 2003
Applicant Name and Address:	TAIWAN VIDEO & MONITOR CORP 6TH FL 141 JEN AI RD, SEC 3 TAIPEI TAIWAN
This Report includes the following parts, in addition to this cover page:	
<ol style="list-style-type: none">1. Specific Inspection Criteria2. Specific Technical Criteria3. Clause Verdicts4. Critical Components5. Test Results6. National Differences7. Enclosures	

This is to certify that representative samples of the products covered by this Test Report have been investigated by Underwriters Laboratories Inc. ('UL') in accordance with the above referenced Standards. The products have been found to comply with the requirements covering the category and the products are judged to be eligible for Follow-Up Service under the indicated Test Procedure. The manufacturer is authorized to use the UL Mark on such products which comply with this Test Report and any other applicable requirements of UL in accordance with the Follow-Up Service Agreement. Only those products which properly bear the UL Mark are considered as being covered by UL's Follow-Up Service under the indicated Test Procedure.

UL authorizes the applicant to reproduce the referenced Test Report provided it is reproduced in its entirety.

Pursuant to the Corporate Services Agreement between UL International Services Limited and UL, UL hereby accepts and issues this Test Report.

Test Report By:

Reviewed By:

Dennis Liang
Associate Project Engineer

Stephen Ho
Project Engineer
UL International Services Limited

Zertifikat

Certificate



Zertifikat Nr. *Certificate No.*
S 50052328

Blatt *Page*
0001

Ihr Zeichen *Client Reference*
ASL04033004/USS

Unser Zeichen *Our Reference*
ZTW1-CWU- 10011294 002

Ausstellungsdatum
17.11.2004

Date of Issue
(day/mo/yr)

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

Fertigungsstätte *Manufacturing Plant*
ZTW1-JAC-10011294 002

Prüfzeichen *Test Mark*

Geprüft nach *Tested acc. to*
EN 60950-1:2001
EK1-ITB 2000:2003



Zertifiziertes Produkt (Geräteidentifikation)
Certified Product (Product Identification)

Lizenzentgelte - Einheit
License Fee - Unit

Bildschirm (LCD Touchcomputer)

Bezeichnung (Type Designation)	: ESY152XL-XXXX* (elo)	5
X steht für (stands for)	: 0-9, A-Z oder (or) freibleibend (blank)	1
* steht für (stands for)	: kann jeder Anhang sein (may be any suffix)	1
Nennspannung (Rated Voltage)	: DC 12V	
Nennstrom (Rated Current)	: 5A	
Schutzklasse (Protection Class)	: III	



7

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 § 4 (1) bzw. (2) und § 7(1) des Geräte- und Produktsicherheitsgesetzes.

*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 4 Art. 1 or Art. 2 and Par 7 Art. 1 of the German Equipment and Product Safety Law.*

TÜV Rheinland Product Safety GmbH, Am Grauen Stein, D-51105 Köln
Tel.: (+49/221)8 06 - 13 71 e-mail: cert-validity@de.tuv.com
Fax: (+49/221)8 06 - 39 35 http://www.tuv.com/safety

Zertifizierungsstelle

Dipl.-Ing. A. Klinker



Ref. Certif. No.

JPTUV-009201-A1

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME

SYSTEME CEI D'ACCEPTATION MUTUELLE DE CERTIFICATS D'ESSAIS DES EQUIPEMENTS ELECTRIQUES (IECEE) METHODE OC

CB TEST CERTIFICATE CERTIFICAT D'ESSAI OC

Product
Produit

LCD Touchcomputer

Name and address of the applicant
Nom et adresse du demandeur

ELO Touch Systems, Inc.
6500 Kaiser Drive
Fremont, CA 94555-3613, USA

Name and address of the manufacturer
Nom et adresse du fabricant

ELO Touch Systems, Inc.
6500 Kaiser Drive
Fremont, CA 94555-3613, USA

Name and address of the factory
Nom et adresse de l'usine

(See appendix for factories information)

Rating and principal characteristics
Valeurs nominales et caractéristiques principales

DC 12V; 5A; Class III

Trade mark (if any)
Marque de fabrique (si elle existe)

elo

Model/type Ref.
Ref. de type

ESY152XL-XXXA*
(X = A-Z, 0-9, or blank; * may be any suffix)

Additional information (if necessary)
Information complémentaire (si nécessaire)

For model differences, refer to the test report.
Re-issue of JPTUV-009201 dated 13.10.2004,
due to non-technical change.

A sample of the product was tested and found to be in conformity with
Un échantillon de ce produit a été essayé et a été considéré conforme à la

IEC 60950:1999
inclusive CENELEC Common Modifications
National differences see test report

As shown in the Test Report Ref. No. which forms part of this Certificate
Comme indiqué dans le Rapport d'essais numéro de référence qui constitue une partie de ce Certificat

12008173 002

This CB Test Certificate is issued by the National Certification Body
Ce Certificat d'essai OC est établi par l'Organisme National de Certification



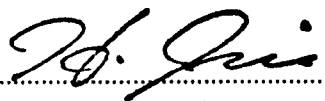
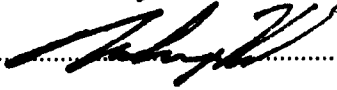
TÜV Rheinland Group

TÜV Rheinland Japan Ltd.
Shin Yokohama Daini Center Bldg.
3-19-5, Shin Yokohama, Kohoku-ku
Yokohama 222-0033 Japan
Phone + 81 45 470-1850
Fax + 81 45 473-5221
Mail: info@jpn.tuv.com
Web: www.tuv.com

Date: 28.10.2004

Signature:

Yoshihiro Takahata

TEST REPORT	
IEC 60950 and/or EN 60950	
Safety of information technology equipment	
Report reference No	<12008173 002>
Tested by (printed name and signature)	H. Irie 
Approved by (printed name and signature)	M. Kera 
Date of issue	October 19, 2004
Testing Laboratory Name	TÜV Rheinland Japan Ltd., Yokohama Laboratory
Address	Festo Bldg. 5F, 1-26-10 Hayabuchi, Tsuzuki-ku, Yokohama 224-0025, Japan
Testing location	CBTL <input checked="" type="checkbox"/> CCATL <input type="checkbox"/> SMT <input type="checkbox"/> TMP <input type="checkbox"/>
Address	Same as above
Applicant's Name	ELO Touch Systems, Inc.
Address	6500 Kaiser Drive, Fremont, CA 94555-3613, USA
Test specification	
Standard	IEC 60950:1999 + Corr. Jan. 2000 EN 60950:2000 + Corr. Feb. 2002 AS/NZS 60950:2000, CAN/CSA C22.2 No. 60950/UL 60950 third edition, J60950 (H14), K60950, UL 60950
Test procedure	CB-scheme
Procedure deviation	Argentina, Australia, Austria, Belgium, Brazil, Canada, China, Czech Republic, Denmark, Finland, France, Germany, Hungary, India, Ireland, Israel, Italy, Japan, Korea, Malaysia, The Netherlands, Norway, Poland, Portugal, Russian Federation, Singapore, Slovakia, Slovenia, South Africa, Spain, Sweden, Switzerland, Turkey, Ukraine, United Kingdom, United States of America
Non-standard test method	N.A.
Test Report Form No.....	IECEN60950A (CBADD60950_3 Rev B)
TRF originator	SGS Fimko Ltd
Master TRF	dated 2003-03
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Test item description	LCD Touchcomputer
Manufacturer	Same as applicant
Trademark	ēlo
Model and/or type reference	ESY152XL-XXXA* (X=A-Z, 0-9 or blank, * may be any suffix)
Serial number	Pre-production samples without serial number
Rating(s)	12Vdc, 5A

Declaration of Conformity

Application of Council Directives: 89/336/EEC
73/23/EEC

Standards to which conformity is declared:

EN 60950-1: 2001; EK1TB:2000:2003 TUV GS

EN 61000-6-2: 2001

CISPR 22:2003 Class A

EN 55022: 1998 +A1:2000+A2:2003, Class A

EN 55024: 1998 +A1:2001+A2:2003 - Level 2, 3 volts/meter

EN 61000-3-2: Edition 2:2000 - Under 75 W

EN 61000-3-3: 1995+A1:2001 - Standard

EN 61000-4-2: 1995+A1:1998+A2:2001 - 4kv contact, 8kv air

EN 61000-4-3: 2002+A1:2002 - Level 2, 3 volts/meter

ENV 50204:1995

EN 61000-4-4: 1995+A1:2000+A2:2001 - Level 2, 1.0kv at 5Khz

EN 61000-4-5: 1995+A1:2001 - Level 3, 2.0kv at 5Khz

EN 61000-4-6: 2004 - Level 2, 3 volts at 0.15-80Mhz

EN 61000-4-8: 1993+A1:2001 - 1 A/m 50 Hz

EN 61000-4-11: 1994+A1:2001 - 0/40/70% U_T , dips, variations

Manufacturer's Name and Address: Elo TouchSystems, Inc.
301 Constitution Drive
Menlo Park, California, USA 94025-1164

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

Type of Equipment: Information Technology Equipment

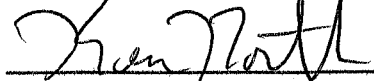
Equipment Class: Commercial & Light Industrial

Product Name: Touch Monitor

Model Number(s): ESY152XL-YYXA*
(X=0-9/A-Z/blank, Y=6/7/8/0, Z=S/U/N, *= suffixes)

Year of Manufacture: 2005

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



Ken North
Director, Engineering TouchSystems
Menlo Park, California, USA

Declaration of Conformity

Standards to which conformity is declared:

FCC Part 15: Class A

ICES-03: Class A

VCCI: Class A

C-Tick: Class A

UL 60950-1:2003 First Edition (cULus¹)

C22.2 No. 60950-1-03:1st Edition (cULus¹)

EN 60950-1:2001 (TUV¹)

Rehabilitation Act: Section 508

IEC 60950:1999 CB Report, Certificate (all members)

¹ Case/Desktop displays are UL Listed & TUV GS,

Manufacturer's Name and Address: Elo TouchSystems, Inc.
301 Constitution Drive
Menlo Park, California, USA 94025-1164

Type of Equipment: Information Technology Equipment

Equipment Class: Commercial & Light Industrial

Product Name: Touch Computer

Model Number(s): ESY152XL-YYXA*
(X=0-9/A-Z/blank, Y=6/7/8/0, Z=S/U/N, *= suffixes)

Year of Manufacture: 2005

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



Ken North
Director, Engineering TouchSystems
Menlo Park, California, USA

Certificado Certificate



Certificado No. *Certificate No.* Página *Page*
RA 2581013 01

Referencia del cliente *Client Reference* Nuestra referencia *Our Reference* Fecha de emisión *Date of Issue*
00800-TWN/yy- 10012377001 02.03.2005 (day/mo/yr)

Titular de la Licencia *License Holder*
Elo TouchSystems Inc.
301 Constitution Drive
Menlo Park, CA 94025-1111
U.S.A.

Establecimiento de Fabricación *Manufacturing Plant*
Elo TouchSystems Inc.
301 Constitution Drive
Menlo Park, CA 94025-1111
U.S.A.

Marca de Ensayo *Test Mark* Ensayado según *Tested acc. to*
IEC 60950:1999



Producto certificado (Identificación del Producto) Unidades Arancel Licencia
Certified Product (*Product Identification*) *License Fee - Unit*

COMPUTADORA (LCD Touchcomputer)

Designación : ESY152XL-XXXX*
(Type Designation) X = 0-9, A-Z o en blanco
* = puede ser cualquier sufijo
(X = 0-9, A-Z or blank
* = may be any suffix)

Marca Comercial : elo
(Trademark)

Tensión Nominal : DC 12V
(Rated Voltage)

Corriente Nominal : 5A
(Rated Current)

Tipo de Protección : III
(Protection Class)

Continúa en Página (Continued on Page) 02



El Organismo de Certificación
El Ingeniero Certificador

Dipl.-Ing. R. Malbranc

Este certificado está basado en nuestras Regulaciones de Ensayo y de Certificación.
This certificate is based on our Testing and Certification Regulation.

TÜV Rheinland Argentina S.A., San José 83-7°,
C1076AAA Buenos Aires, Argentina

Acreditado por el O.A.A., reconocido como Organismo para la Certificación de Productos.

Certificado *Certificate*



Certificado No. *Certificate No.* *Página Page*
RA 2581013 02

Referencia del cliente Client Reference *Nuestra referencia Our Reference* *Fecha de emisión Date of Issue*
00800-TWN/yy- 10012377001 02.03.2005 *(day/mo/yr)*

Titular de la Licencia License Holder
Elo TouchSystems Inc.
301 Constitution Drive
Menlo Park, CA 94025-1111
U.S.A.

Establecimiento de Fabricación Manufacturing Plant
Elo TouchSystems Inc.
301 Constitution Drive
Menlo Park, CA 94025-1111
U.S.A.

Marca de Ensayo Test Mark *Ensayado según Tested acc. to*

IEC 60950:1999



Producto certificado (Identificación del Producto)
Certified Product (Product Identification)

Unidades Arancel Licencia
License Fee - Unit

COMPUTADORA (LCD Touchcomputer)

Continuación (Continuation)

Accesorio (Accessory)

ADAPTADOR (Power Adapter)

Designación : LSE9901B1260
(Type Designation)

Marca Comercial : LSE, Motorola
(Trademark)

Tensión Nominal : AC 100-240V, 50/60Hz
(Rated Voltage)

Corriente Nominal : 1.5A
(Rated Current)

Tipo de Protección : I
(Protection Class)

Salida Nominal : DC 12V, 5A
(Output Rating)



El Organismo de Certificación
El Ingeniero Certificador

A handwritten signature in dark ink, appearing to read 'Malbranc'.

Dipl.-Ing. R. Malbranc

Este certificado está basado en nuestras Regulaciones de Ensayo y de Certificación.
This certificate is based on our Testing and Certification Regulation.

TÜV Rheinland Argentina S.A., San José 83-7°,
C1076AAA Buenos Aires, Argentina

Acreditado por el O.A.A., reconocido como Organismo para la Certificación de Productos.

Certificado *Certificate*



Certificado No. *Certificate No.* *Página Page*
RA 2581013 03

Referencia del cliente <i>Client Reference</i>	Nuestra referencia <i>Our Reference</i>	Fecha de emisión <i>Date of Issue</i>
	00800-TWN/yy- 10012377001	02.03.2005 <i>(day/mo/yr)</i>

Titular de la Licencia *License Holder*
Elo TouchSystems Inc.

301 Constitution Drive
Menlo Park, CA 94025-1111
U.S.A.

Establecimiento de Fabricación *Manufacturing Plant*
Touch Video Monitor Corp.
No. 1-7, Tian Yang Rd.,
Jimei North Industrial Park
Xiamen
P.R. CHINA

Marca de Ensayo <i>Test Mark</i>	Ensayado según <i>Tested acc. to</i>
	IEC 60950:1999



Producto certificado	(Identificación del Producto)
<i>Certified Product</i>	<i>(Product Identification)</i>

COMPUTADORA (LCD Touchcomputer)

Como Página (As Page) 01

Adicional (Addition)

Fábrica : ver arriba
(Factory) (see above)

Unidades Arancel Licencia
License Fee - Unit



El Organismo de Certificación
El Ingeniero Certificador

Dipl.-Ing. R. Malbranc

Este certificado está basado en nuestras Regulaciones de Ensayo y de Certificación.
This certificate is based on our Testing and Certification Regulation.

TÜV Rheinland Argentina S.A., San José 83-7°,
C1076AAA Buenos Aires, Argentina

Acreditado por el O.A.A., reconocido como Organismo para la Certificación de Productos.