



**AC600031**  
**DECLARATIONS OF CONFORMITY, ET2400LM**

## REVISION HISTORY

Rev	Eng.	Date	Description
A	E. Ho	10/5/2010	Initial release per ECO-10-020231

DOC #:  
AC600031  
Print Date: 5-Oct-10

REV:  
**A**

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Elo TestSystems  
**EDC**  
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## **Declaration of Conformity**

**Model Numbers:** ET2400L

**Type of Equipment:** Information Technology Equipment

**Equipment Class:** Commercial & Light Industrial

**Product Name:** LCD Touchmonitor

**Date of Declaration:** August 31, 2010

### **Standards and Directives to which conformity is declared:**

Electromagnetic Emissions:

EU directive 2004/108/EC

CISPR 22:1997, Class B

CISPR 11:2003+A1:2004+A2:2006, Group I, Class B

AS/NZS CISPR 22:2006, Class B

FCC Part 15:2005, Class B

ICES-003:2004, Class B

ANSI C63.4-2003, Class B

VCCI V-3/2010.04, Class B

EN 60601-1-2:2007

EN 55011:2007+A2:2007, Group I, Class B

EN 55022:2006+A1:2007, Class B

EN 61000-3-2:2006 – Under 75 W

EN 61000-3-3:2008 – Standard

Electromagnetic Immunity:

EU directive 2004/108/EC

EN 61000-6-1:2001

EN 55024:1998+A1:2001+A2:2003 – Level 2, 3 V/m

EN 61000-4-2:2008 – 4KV contact, 8KV air

EN 61000-4-3:2006+A1:2007 – Level 2, 3 V/m

EN 61000-4-4:2004 – Level 2, 1.0KV at 5KHz

EN 61000-4-5:2005 – Level 3, 2.0KV at 5KHz

EN 61000-4-6:2008 – Level 2, 3V at 0.15-80MHz

EN 61000-4-8:2009 – 1A/m 50Hz

EN 61000-4-11:2004 – 0/40/70%  $U_T$ , dips, variations

ENV 50204:1995

Safety:

UL 60601-1, First Edition

CSA C22.2 No. 601.1-M90, 2005

EU directive 2006/95/EC

EN 60950-1:2006+A11:2009

IEC 60950-1:2005 Second Edition with all CB-scheme national differences

IEC 60601-1:1988+A1:1991+A2:1995 with all CB scheme national differences

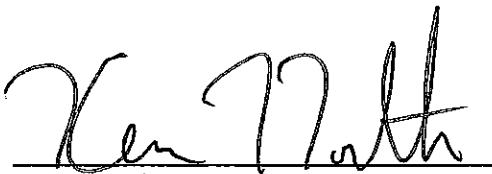
Environmental:

EU directive 2002/95/EC ("RoHS")

EU directive 2002/96/EC (WEEE)

China directive SJ/T11364-2006 ("China RoHS")

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



Ken North

Director of Engineering, Elo Touchsystems



Ref. Certif. No.

DE 2-014473-M1

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 Desktop Touchmonitor

Name and address of the applicant  
Nom et adresse du demandeur

Tyco Electronics Corp.  
301 Constitution Drive  
Menlo Park CA 94025, USA

Name and address of the manufacturer  
Nom et adresse du fabricant

Tyco Electronics Corp.  
301 Constitution Drive  
Menlo Park CA 94025, USA

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

Additional Information page 2

Note: When more than one factory, please report on page 2  
Note: Lorsque il y plus d'une usine, veuillez utiliser la 2<sup>ème</sup> page

Ratings and principal characteristics  
Valeurs nominales et caractéristiques principales

DC 12V; 4.7A; Class I

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

Model/type Ref.  
Ref. de type

ET2400LXXXXXXXXXXXXXXXXXXXXX  
(X may be 0-9, A-Z, hyphen or blank for marketing purpose)

Additional information (if necessary may also be reported on page 2)  
Les Information complémentaire (si nécessaire, peuvent être indiqués sur la 2<sup>ème</sup> page)

- add two alternate material sources of plastic enclosure;  
- see also test report ref. no. 11021568 001

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

**PUBLICATION** **EDITION**  
IEC 60601-1:1988+A1+A2  
for national deviations 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

11021568 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 LGA Products GmbH  
Tillystraße 2 · 90431 Nürnberg, Germany  
Phone + 49 221 806-1371  
Fax + 49 221 806-3935  
Mail: cert-validity@de.tuv.com  
Web: www.tuv.com

Signature:

Dipl.-Ing. A. Klinker



Date: 03.09.2010



Ref. Certif. No.

JPTUV-033844-M1

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 Desktop Touchmonitor

Name and address of the applicant  
Nom et adresse du demandeur

Tyco Electronics Corp  
301 Constitution Drive  
Menlo Park, CA 94025, USA

Name and address of the manufacturer  
Nom et adresse du fabricant

Tyco Electronics Corp  
301 Constitution Drive  
Menlo Park, CA 94025, USA

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

See additional page(s)

Rating and principal characteristics  
Valeurs nominales et caractéristiques principales

DC 12V; 4.7A; Class III

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

ET2400LXXXXXXXXXXXXXXXXXXXXX  
(where X can be 0-9, A-Z, hyphen or blank)

Model/type Ref.  
Ref. de type

For model differences, refer to the test report.  
Re-issue of JPTUV-033844 dated 27.07.2010,  
due to first modification.

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

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 60950-1:2005  
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

11021426 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 Japan Ltd.  
Global Technology Assessment Center  
4-25-2 Kita-Yamata, Tsuzuki-ku  
Yokohama 224-0021 Japan  
Phone + 81 45 914-3888  
Fax + 81 45 914-3354  
Mail: info@jpn.tuv.com  
Web: www.tuv.com

Date: 30.08.2010

Signature:

Dipl.-Ing. A. Klinker

## UL TEST REPORT AND PROCEDURE

<b>Standard:</b>	UL 60601-1, 1st Edition, 2006-04-26 (Medical Electrical Equipment, Part 1: General Requirements for Safety) CAN/CSA-C22.2 No. 601.1-M90, 2005 (Medical Electrical Equipment - Part 1: General Requirements for Safety)
<b>Certification Type:</b>	Medical Electrical Equipment
<b>CCN:</b>	PIDF, PIDF7
<b>Product:</b>	LCD Desktop Touchmonitor
<b>Model:</b>	ET2400LXXXXXXXXXXXXXXXXXXXXX (X may be 0-9, A-Z, hyphen or blank.) (The variables are for marketing purpose only, and shall not cause any safety concern.)
<b>Rating:</b>	For monitor: Input rating: 12 Vdc, 4.7 A  For adapter: Input rating: 100-240 Vac, 50/60 Hz, 1.27-0.55 A Output rating: 12 Vdc, 6.5 A
<b>Applicant Name and Address:</b>	TVM CORP 7TH FL, 141 SEC 3 REN-AI RD TAIPEI 106 TAIWAN

This is to certify that representative samples of the products covered by this Test Report have been investigated 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 Underwriters Laboratories Inc. ('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.

The applicant is authorized to reproduce the referenced Test Report provided it is reproduced in its entirety.

Any information and documentation involving UL Mark services are provided on behalf of Underwriters Laboratories Inc. (UL) or any authorized licensee of UL.

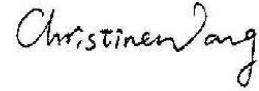
Issue Date: 2010-08-10  
2010-09-15

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Report Reference #

E230760-A8-UL

Prepared by: Christine Wang  
Underwriters Laboratories Inc.



Reviewed by: Jimmy Deng  
Underwriters Laboratories Inc.



## Tsumura, Masahiro (TPS)

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差出人: webmgr@vcci.jp  
送信日時: 2010年7月22日木曜日 16:31  
宛先: Tsumura, Masahiro (TPS)  
件名: [VCCI適合確認電子届出]受理証明書

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### 適合確認電子届出

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適合確認電子届出を受理しました。

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届出番号:2010009905  
受理番号:2010007145

<連絡先担当者情報>

<会員情報>

会員番号:797

会社名:タッチパネル・システムズ株式会社

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<届出責任者>

部署名:

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E-mail:mtsumura@tycoelectronics.com

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部署名:技術開発部

氏名:津村

TEL:045-478-3678

FAX:045-478-2183

E-mail:mtsumura@tycoelectronics.com

<受理証明受信者>

部署名:

E-mail:mtsumura@tycoelectronics.com

届出種別:新規

機器の名称:LCDタッチモニター

機器の種別と分類記号:クラス B / 分類記号 j1

型式(モデルNo.):ET2400LXXXXXXXXXXXXXXXXXXXXX

Xは必要時に付与される外装色などを示す英数字及び記号

<販売ブランド(1)>

販売ブランド業者名:

会員番号:

販売ブランド業者の型式:

<販売ブランド(2)>

販売ブランド業者名:

会員番号:

販売ブランド業者の型式:

<販売ブランド(3)>

販売ブランド業者名:

会員番号:

販売ブランド業者の型式:

<販売ブランド(4)>

販売ブランド業者名:  
会員番号:  
販売ブランド業者の型式:  
<販売ブランド(5)>

販売ブランド業者名:  
会員番号:  
販売ブランド業者の型式:  
試験機関の名称:Bureau Veritas Consumer Products Services(H.K.)  
<試験設備等登録番号>  
1GHz以下放射妨害波測定設備:R-236 (10m)  
1GHz超放射妨害波測定設備:  
電源ポート伝導妨害波測定設備:C-240  
通信ポート伝導妨害波測定設備:  
試験実施日:2010-06-28  
試験成績書番号:V990625D07  
変更/追加理由:

VCCIコメント:  
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一般財団法人 VCCI協会  
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E-mail : [webmgr@vcci.jp](mailto:webmgr@vcci.jp)