

## EU Declaration of Conformity

**Model Number:** ESY19CX, ESY22CX series  
**Equipment Category:** Medical Electrical Equipment  
**Equipment Class:** Commercial and Light Industrial  
**Product Name:** LCD Touchmonitor  
**Manufacture Start Year:** 2011

We hereby declare under our sole responsibility, that the object of the declaration described above is in conformity with the following EU Directives and harmonized standard(s):

1. **EU Directive 2004/108/EC** of the European Parliament and of the Council of 15 December 2004 on the approximation of the laws of the Member States relating to electromagnetic compatibility and repealing Directive 89/336/EEC Text with EEA relevance.

Applicable harmonized standards:

- CISPR11:2003+A1:2004+A2:2006, Class A
- CISPR 22:2005+A1:2005, Class A
- IEC 61000-3-2:2005 +A1:2008+A2:2009 Class D
- IEC 61000-3-3:2008– Standard
- EN 60601-1-2:2007
- IEC 61000-4-2:2008 ED2.0
- IEC61000-4-3:2006+A1:2007 ED3.0
- IEC61000-4-4:2004 +A1:2010 ED2.0
- IEC61000-4-5:2005 ED2.0
- IEC61000-4-6:2008 ED3.0
- IEC61000-4-8:2009 ED2.0
- IEC61000-4-11:2004 ED2.0

2. **EU Directive 2006/95/EC** of the European Parliament and the Council of 12 December 2006 on the harmonization of the laws of Member States relating to Electrical Equipment designed for use within certain voltage limits.

Applicable harmonized standards:

- EN 60601-1:1990+A1+A2
- IEC 60601-1:1998+A1+A2 for national deviations

3. **EU Directive 2011/65/EU** of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment.

Technical documentation required by the EU Directive 2011/65/EU was drawn based on harmonized standard EN 50581:2012.



Kevin Huang  
Engineering Manager /  
Elo Touch Solutions, Inc.

# CERTIFICATE OF CONFORMITY



A D T

**Equipment 1** : 19"Touchcomputer  
**Model No.** : ESY19CX (X = 0-9)  
**Equipment 2** : 22"Touchcomputer  
**Model No.** : ESY22CX (X = 0-9)  
**Brand Name** : Elo, Tyco  
**Test Model No.** : ESY19C1-8UWA-1-BZ-MT-W7-GY-MED,  
ESY19C2-8UWA-0-ZB-ST-W7-GY-MED,  
ESY22C2-8UWA-1-ZB-ST-W7-GY-MED,  
ESY22C3-7UWA-1-ZB-ST-P9-GY-MED  
**Applicant** : Tyco Electronics Taiwan Co., Ltd  
**Test Report No.** : FV991231D04

We, **Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch**, declare that the equipment above has been tested in our facility and found compliance with the requirement limits of applicable standards. The test record, data evaluation and Equipment Under Test (EUT) configurations represented herein are true and accurate under the standards herein specified.

---

**FCC Part 15, Subpart B, Class A**

---

**CISPR 22: 1997, Class A**

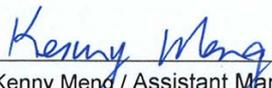
---

**ICES-003: 2004, Class A**

---

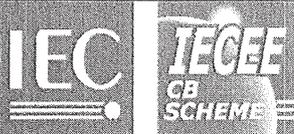
**ANSI C63.4-2003**

---

  
Kenny Meng / Assistant Manager  
Mar. 31, 2011

No. 47, 14th Ling, Chia Pau Tsuen, Lin Kou Hsiang, Taipei Hsien, 244 Taiwan  
Tel: 886-2-26052180 Fax: 886-2-26051924  
<http://www.adt.com.tw> E-Mail: [service@adt.com.tw](mailto:service@adt.com.tw)





Ref. Certif. No.

DE 2-014981

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

Touch Computer

Name and address of the applicant  
Nom et adresse du demandeur

Tyco Electronics Taiwan Co., Ltd.  
No. 45 Dongsing Road, 3F  
11070 Taipei, Taiwan

Name and address of the manufacturer  
Nom et adresse du fabricant

Tyco Electronics Taiwan Co., Ltd.  
No. 45 Dongsing Road, 3F  
11070 Taipei, Taiwan

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; 15A

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

TE or Tyco Electronics

Model/type Ref.  
Ref. de type

ESY22CX  
(X=0-9, A-Z 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)

PUBLICATION

EDITION

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 60601-1:1988+A1+A2  
for national deviations see test report

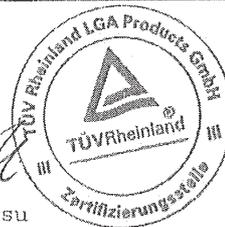
As shown in the Test Report Ref. No. which forms part of this Certificate  
Comme indiqué dans le Rapport d'essais numéro de référence qui constitue une partie de ce Certificat

11022866 001

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



Date: 17.05.2011

Signature:

Dipl.-Ing. W. Hsu

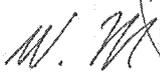
10/051 12/09

	Ref. Certif. No.
	DE 2-014982

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	Touch Computer
Name and address of the applicant Nom et adresse du demandeur	Tyco Electronics Taiwan Co., Ltd. No. 45 Dongsing Road, 3F 11070 Taipei, Taiwan
Name and address of the manufacturer Nom et adresse du fabricant	Tyco Electronics Taiwan Co., Ltd. No. 45 Dongsing Road, 3F 11070 Taipei, Taiwan
Name and address of the factory Nom et adresse de l'usine	<input checked="" type="checkbox"/> Additional Information page 2
<small>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</small>	
Ratings and principal characteristics Valeurs nominales et caractéristiques principales	DC 12V; 15A
Trade mark (if any) Marque de fabrique (si elle existe)	TE or Tyco Electronics
Model/type Ref. Ref. de type	ESY19CX (X=0-9, A-Z 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)	
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	<b>PUBLICATION</b> <b>EDITION</b>
	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	11022867 001

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

 <b>TÜVRheinland</b>	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	  Dipl.-Ing. W. Hsu
Date: 17.05.2011	Signature:	

10-001 12.09

## 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>	Classification
<b>CCN:</b>	PIDF, PIDF7 (Medical Electrical Equipment)
<b>Product:</b>	Touch Computer
<b>Model:</b>	ESY22CX (X=0-9, A-Z or blank for marketing purpose and no impact safety related critical components and constructions)
<b>Rating:</b>	Input: 100-240Vac, 2.5-1.2A, 50-60Hz (For Power Adapter); 12Vdc, 15A (For Touch Computer)
<b>Applicant Name and Address:</b>	

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.

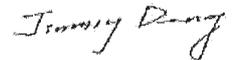
The applicant is authorized to reproduce the referenced Test Report provided it is reproduced in its entirety.

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

Prepared by: Sharon Hsu  
Underwriters Laboratories Inc.



Reviewed by: Jimmy Deng  
Underwriters Laboratories Inc.



Copyright © 2011

## 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>	Classification
<b>CCN:</b>	PIDF, PIDF7 (Medical Electrical Equipment)
<b>Product:</b>	Touch Computer
<b>Model:</b>	ESY19CX (X=0-9, A-Z or blank for marketing purpose and no impact safety related critical components and constructions)
<b>Rating:</b>	Input: 100-240Vac, 2.5-1.2A, 50-60Hz (For Power Adapter); 12Vdc, 15A (For Touch Computer)
<b>Applicant Name and Address:</b>	

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.

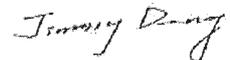
The applicant is authorized to reproduce the referenced Test Report provided it is reproduced in its entirety.

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

Prepared by: Conga Chen  
Underwriters Laboratories Inc.



Reviewed by: Jimmy Deng  
Underwriters Laboratories Inc.



Copyright © 2011

Tsumura, Masahiro (TPS)

---

差出人: webmgr@vcci.jp  
送信日時: 2011年5月24日火曜日 15:06  
宛先: Tsumura, Masahiro (TPS)  
件名: [VCCI適合確認電子届出]受理証明書

---

適合確認電子届出

---

適合確認電子届出を受理しました。

---

届出番号:2011016055  
受理番号:2011011601

<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

所在地:神奈川県横浜市港北区新横浜1-19-20 SUN HAMADA BLDG2F

<届出責任者>

部署名:技術部

氏名:津村 昌弘

E-mail:mtsumura@te.com

<連絡先担当者>

所在地:横浜市港北区新横浜1-19-20SUN HAMADA BLDG.2F

部署名:技術部

氏名:津村

TEL:045-478-3678

FAX:045-478-2183

E-mail:mtsumura@te.com

<受理証明受信者>

部署名:技術部

E-mail:mtsumura@te.com

届出種別:新規

機器の名称:タッチコンピュータ

機器の種別と分類記号:クラス A / 分類記号 B1

型式(モデルNo.):ESY19CX

ESY22CX

Xは仕様を示す英数字

<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-728 (10m)  
1GHz超放射妨害波測定設備:G-39 (3m)  
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:T-1650  
試験実施日:2011-01-04 2011年1月7日  
試験成績書番号:V991231D04  
変更/追加理由:

VCCIコメント:  
-----

-----  
一般財団法人 VCCI協会  
URL : <http://www.vcci.jp/>  
E-mail : [webmgr@vcci.jp](mailto:webmgr@vcci.jp)