### DECLARATIONS OF CONFORMITY, ET1928L-XXXM-X-XX-G SERIES

PROPRIETARY INFORMATION

# **EIO** TOUCH SOLUTIONS

### MD6000018 DECLARATIONS OF CONFORMITY, ET1928L-XXXM-X-XX-G SERIES

Rev	Eng.	Date	Description
A	John Fitzgerald	02/09/07	Initial Release Per ECO6618
В	John Fitzgerald	07/31/07	Per ECO 07-020281. Updated to include CB certificate. Added placeholder for CCC certificate. Added Argentina S-Mark cert.
С	Evelyn Ho	01/06/09	Per ECO 09-003411. Removed reference to Demko certificate. Added CCC certificate. Added MIC certificate. Added eK certificate.
D	Evelyn Ho	1/11/10	Per ECO 10-000581. Update the Elo Declaration of Conformity to include the IEC ITE standard.
E	Evelyn Ho	3/11/10	Per ECO-10-005323. Update the Elo Declaration of Conformity because the previous page is hard to read.
F	Evelyn Ho	5/11/10	Per ECO-10-009955. 1.0 Revised reference Council Directives. 2.0 Add the missing Elo Declaration of Conformity document.
G	Evelyn Ho	9/17/10	Per ECO-10-019071 Revising the Elo Declaration of Conformity to reflect the updated standards.
H	Angela Huang	03/19/13	Revised per ECO-13-1077 1. AC600011 will obsolete and replacement by MD600018 2. Change to Elo logo 3. Update Declaration of conformity 4. Update CCC and BSMI certificate

#### **REVISION HISTORY**

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DECLARATIONS OF CONFORMITY, ET1928L-XXXM-X-XX-G SERIES	PROPRIETARY INFORMATION
Table of Contents	
Elo Declaration of Conformity Semko CB Certificate UL Cover Sheet CCC certificate BSMI Certificate KC Certificate VCCI Registration Certificate	

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1-800-557-1458 tel www.elotouch.com

## **Declaration of Conformity**

Model Numbers: ET1928L Series

Type of Equipment: Information Technology and Telecommunications Equipment

Equipment Class: Commercial & Light Industrial

Product Name: LCD Touchmonitor

Date of Declaration: Mar. 19, 2013

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

Electromagnetic Emissions: EU Directive 2004/108/EC (EU EMC Directive) AS/NZS CISPR 22:2009, Class B CISPR 22:2008, Class B FCC Part 15:2005, Class B ICES-003:2004, Class B VCCI V-3/2005.04, Class B EN 55022:2010, Class B

Electromagnetic Immunity: EU Directive 2004/108/EC (EU EMC Directive) EN 61000-6-1:2007 EN 55024:2010 EN 61000-3-2:2006 +A1:2009 +A2:2009 EN 61000-3-3:2008 EN 61000-4-2:2008 ED.2.0 EN 61000-4-3:2010 ED.3.2 EN 61000-4-4:2012 ED.3.0 EN 61000-4-5:2005 ED.2.0 EN 61000-4-6:2008 ED.3.0 EN 61000-4-8:2009 ED.2.0 EN 61000-4-11:2004 ED.2.0 ENV 50204:1995



Safety: EU Directive 2006/95/EC (Low Voltage Directive) UL 60950-1, 2nd Edition, 2011-12-19 CSA C22.2 No. 60950-1-07, 2nd Edition, 2011-12 EN 60950-1:2001+A11:2009+A1:2010+A12:2011 IEC 60950-1:2005+A1:2009 with all CB-scheme national differences

<u>Restriction of Hazardous Substances</u>: EU directive 2011/65/EU (EU RoHS Recast) EN 50581:2012

We hereby declare under our sole responsibility, that the equipment specified above conforms to the above Directives and Standard(s).

Kovin Huang

Kevin Huang Manager of Engineering, Elo Touch Solutions, Inc. Issue Date:

2007-06-08 2011-12-16 Page 1 of 7

Report Reference #

## **UL TEST REPORT AND PROCEDURE**

Standard:	UL 60950-1, 1st Edition, 2007-10-31 (Information Technology Equipment - Safety - Part 1: General Requirements) CSA C22.2 No. 60950-1-03, 1st Edition, 2006-07 (Information Technology Equipment - Safety - Part 1: General Requirements)			
Certification Type: CCN:	Listing			
CON.	NWGQ, NWGQ7 (Information Technology Equipment Including Electrical Business Equipment)			
Product:	19 LCD Monitor			
Model:	ET1928L-XXXA-X-XXXXXXXXXXX (X=A-Z, 0-9, "-" or blank)			
Rating:	12 V dc, 4 A.			
Applicant Name and Address	5:			

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.

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Prepared by:

Vincent Lai Underwriters Laboratories Inc.

Reviewed by:

Alex Lin Underwriters Laboratories Inc.

Vincent lai Alexo L-

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Issue Date: 2008-01-23 Page 1 of 8 Report Reference # 2012-06-01

## **UL TEST REPORT AND PROCEDURE**

Standard:	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)			
Certification Type:	Classification			
CCN:	PIDF, PIDF7 (Medical Electrical Equipment)			
Product:	LCD Desktop Touchmonitor			
Model:	ET1928L-XXXM-X-XXXXXXXXXX, where X may be A-Z, 0-9, hyphen or blank.			
Rating:	LCD Desktop Touchmonitor: Input: 12 Vdc, 4.0 A			
	Power Adaptor Hitron Electronics Corp. model:HES49-12040 Input:100-240 Vac, 1.0 A, 50/60 Hz Ouput: 12 V dc, 4 A.			
	(Aletrnate) Power Adaptor Hitron Electronics Corp. model:HEMG49-S120400-7 Input: 100-240 V ac, 1.2-0.63A, 50/60 Hz Ouput: 12 V dc, 4 A.			

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 UL LLC ('UL') in accordance with the Follow-Up Service under the indicated Test Procedure. Service as being covered by UL's Follow-Up Service under the indicated Test Procedure.

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Prepared by: David Shih

Reviewed by: Jimmy Deng

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#### Report Reference #

#### Supporting Documentation

The following documents located at the beginning of this Procedure supplement the requirements of this Test Report:

A. Authorization - The Authorization page may include additional Factory Identification Code markings.

B. Generic Inspection Instructions -

- i. Part AC details important information which may be applicable to products covered by this Procedure. Products described in this Test Report must comply with any applicable items listed unless otherwise stated in the body of this Test Report.
- ii. Part AE details any requirements which may be applicable to all products covered by this Procedure. Products described in this Test Report must comply with any applicable items listed unless otherwise stated in the body of each Test Report.
- iii. Part AF details the requirements for the UL Certification Mark which is not controlled by the technical standard used to investigate these products. Products are permitted to bear only the Certification Mark(s) corresponding to the countries for which it is certified, as indicated in each Test Report.

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TOUCHSYSTEMS

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## 7.0 PDF OF ET1928L-XXXM-X\* UL IPX1 COMPLIANCE LETTER



Melville Division 1285 Walt Whitman Road Melville, NY 11747-3081 USA

www.ul.com tel: 1:631 271 6200 fax: 1.631.271 8259 Customer service: 1 877 854 3577

2006-10-25 Mr. Kevin Seitz Elo Touchsystems Inc 90 Goodway Dr Rochester NY 14623

E-mail: mharris@elotouch.com Reference: Project 06CA52404 IPX1 Compliance Letter, UL/IEC 60601-1 & IEC 60529 MODEL ET1928L

Dear Mr. Seitz,

UL's investigation of your product has been completed under the above project number and the subject product was determined to comply with the applicable requirements.

The IPX1 was conducted as per your request. Immediately following the test the sample was carefully disassembled and inspected for ingress of water. Water did not enter the enclosure or reach live parts. Attached are the datasheets for your reference.

Should you have any questions or comments regarding the above please feel free to contact me at any time.

Sincerely,

11100e Maximiliano & Rodriguez

Project Engreer Department: 3013AMEL E-mail: maximiliano.s.rodriguez@us.ul.com Reviewed by:

Charles V Comparetto Senior Project Engineer Department: 3013AMEL E-mail: charles.v.comparetto@us.ul.com

An independent organization working for a safer world with integrity, precision and knowledge



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Sheet 13 of 18 FORM: EF600014 Rev A

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#### Declaration of Conformity for The ET1928L-XXXM-X-XX-G series monitors

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Issue Date: 2006-11-17 Amendment 1 2006-12-25

Report Reference #

IEC 60601 Clause Requirement + Test Result - Remark Verdict

6.1g	Rated supply voltages or voltage range(s)	100-240 Vac	Pass
	Number of phases:	Single	Pass
	Type of current	AC	Pass
6.1h	Rated frequency or rated frequency range(s) (Hz):	50/60 Hz	Pass
6.1j	Rated power input (VA, W or A) 1.0 A		Pass
6.1k	Power output of auxiliary mains socket - outlets No power output socket provided.		N/A
6.11	Class II symbol	Class I Product	N/A
	Symbol for degree of protection against ingress of water provided	IPX1 Equipment	Pass
	Symbol for protection against electric shock:	No applied part.	N/A
	If equipment has more than one applied part with different degrees of protection, the relevant symbols are clearly marked on such applied parts, or on or near relevant outlets		N/A
	Symbol for protection of defibrillation-proof applied parts	No applied part	N/A
	Symbol 14 from Table DI for defibrillation-proof with protection partly in patient cable	No patient cable.	N/A
6.1m	Mode of operation (if no marking, suitable for continuous operation)	Optional, continuous operation.	Pass
6.1n	Types and rating of external accessible fuses:	No external accessible fuses.	N/A
6.1p	Ratings of external output:	No external output.	N/A
6.1q	Symbol for physiological effect(s):		Pass
	- attention, consult accompanying documents		Pass
	- non-ionizing radiation, or symbols as adopted by ISO or IEC 417		N/A
3.1r	Anaesthetic-proof symbol: AP or APG		N/A
3.1s	Dangerous voltage symbol No dangerous voltage		N/A
6.1t	Special cooling requirements No special cooling requirements		N/A
3.1u	Limited mechanical stability	Equipment not overbalance during normal use when tilted through an angle of 10°, no limited mechanism required.	N/A
3.1v	Protective packing requirement(s)	No special measures have to be taken during transport or storage.	N/A

TRF No.: IEC60601\_1C

Underwriters Laboratories Inc.

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緛 滳 部 標 準 局 檢 驗 BUREAU OF STANDARDS METROLOGY AND INSPECTION MINISTRY OF ECONOMIC AFFAIRS BSML 品驗證登錄證 商 CERTIFICATE OF THE REGISTRATION OF PRODUCT CERTIFICATION CI311065240622 號 00 證書號碼: Certificate No. 台灣泰科電子股份有限公司 茲據 申請驗證登錄,經審查結果符合規 定,准予登錄並使用商品安全標章 及識別號碼: R31524 。 其登錄事項如下: The application made by for Registration of Product Certification has been reviewed and found to be in compliance with related regulations. Therefore, registration is granted with the Product Safety Mark and the Identification No. R31524. Details of the registration are follows : 申 請 人 : 台灣泰科電子股份有限公司 統一編號: 22522138 Applicant Uniform No. 地 址 : 臺北市信義區東與路45號3樓 Address 生產廠場 Factory 廠 址 Factory Address 商品種類名稱: Type/name of product 8528. 59. 10.00. 5 商品分類號列: C.C.C.Code 中文名稱 : 液晶酶控顯示器 SSNChinese name 英文名稱 : LCD Touch Monitor English name ET1928L-8CWM 刑 式: Type 系列型式 : 詳如附表 Series of the type 依據標準 : CNS14336-1 (99年版)、CNS13438 (95年完整版) Standards 標準檢驗局或所屬分局發證。 (本證書經驗證機關使用鋼印後生效) This certificate shall be issued by the BSMI or its branches, (This certificate will become effective only when stamped with the BSMI seal.) 登錄日期:中華民國 年 101 06 18 月 日 Registration Date 2012 (year) 06 (month) (day) 18 本證書有效期限至 104 年 06 月 17 E Expiration Date 2015 (year) 06 (month) 17 (day) 發證日期:中華民國 101 年 06 月 18 日 Date of issue 2012 (year) 06 (month) 18 (day) 註1: 持本證書進口驗證登錄商品時,進口人須與本證書名義人相同。 註2:次年度商品驗證登錄年費繳納期限為當年11月30日,逾期未繳納者,經限期繳納屆期 未繳納,即依商品檢驗法第42條第7款規定廢止驗證登錄,並自次年度1月1日起生效。

2698

#### 經濟部標準檢驗局 BUREAU OF STANDARDS METROLOGY AND INSPECTION MINISTRY OF ECONOMIC AFFAIRS

ET1928L-ONAM-1-GY-3 G

ET1928L-ONWM-1-GY-3-G

ET1928L-7CAM-1-GY-3-G

ET1928L-7CJM-1-BG-3-G

ET1928L-7CWM-1-BG-3-G

ET1928L-7CWM-1-RROB-G

ET1928L-8CAM-1-GY-3-G

ET1928L-8CJA-1-BG-3-G

ET1928L 8CJM-1-BG-3-G

ET1928L-8CJM-1-GY-3-G

ET1928L-8CWM-1-GY-3-G

ET1928L-8CWM-1-RMHJ-G

ET1928L-8CWM-1-RSTU-G

ET1928L-AUAM-1-GY-3-G

ET1928L-AUWM-1-BG-3-G

ET1928L-8CWM-1-ROGH2-3-G

ET1928L-8CWM

ET1928L-ONWM-1-ROGH3-3-G

商品驗證登錄證書 CERTIFICATE OF THE REGISTRATION OF PRODUCT CERTIFICATION

證書號碼: CI311065240622 號 00 Certificate No.

系列型式: ET1928L ONAM-1-BG-3-G Series of the type

ET1928L-ONWM-1-BG-3-G

ET1928L-ONWM-1-ROGH2-3-G

ET1928L-7CAM-1-BG-3-G

ET1928L-7CEM-1-ROAF-3-G

ET1928L-7CWM

ET1928L-7CWM-1-GY-3-G ET1928L-8CAM=1-BG-3-G ET1928L-8CAM=1-BG-3-G ET1928L-8CJA-1-GY-3-G ET1928L-8CJM-1-BG-NKD-G ET1928L-8CJM-1-BG-NKD-G ET1928L-8CWM-1-BG-3-G ET1928L-8CWM-1-RDAT-3-G ET1928L-8CWM-1-ROGII-3-G

ET1928L-8CWM-1-ROGII3-3-G

ET1928L-AUAM-1-BG-3-G

ET1928L-AUWM

ET1928L-AUWM-1-GY-3-G

(以下空白)



# ERTIFICATE FOR CHINA COMPULSORY PRODUCT CERTIFICATION

No.: 2007010903257009

#### NAME AND ADDRESS OF THE APPLICANT

Elo Touch Solutions, Inc. 301 Constitution Dr, Menlo Park, CA 94025, USA

NAME AND ADDRESS OF THE MANUFACTURER

Elo Touch Solutions, Inc. 301 Constitution Dr, Menlo Park, CA 94025, USA

NAME AND ADDRESS OF THE FACTORY

### NAME, MODEL AND SPECIFICATION

LCD Touch Monitor

ET1928L-ONWM-1-ROGH-G, ET1928L-8CWM-1-ROGH-G, ET1928L-ONAM-1-ROGH-G, ET1928L-8CAM-1-ROGH-G, ET1928L-\*\*\*M-\*-\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*(\*=0~9, A~Z, 连字符或空 白, \*代表销售区域不同, 不影响安全和电磁兼容) 12VDC, 4A Class II1 (电源适配 器(可选): HEMG49-S120400-7 输出: 12VDC, 4A) (电线组件可选)

THE STANDARDS AND TECHNICAL REQUIREMENTS FOR THE PRODUCTS

GB4943. 1-2011;GB9254-2008;GB17625. 1-2003

This is to certify that the above mentioned products have met the requirements of implementation rules for compulsory certification (REF NO. CNCA-01C-020:2010).

Date of expiry: Feb. 06, 2018 Date of issue: Feb. 06, 2013

Validity of this certificate is subject to positive result of the regular follow up inspection by issuing certification body until the expiry date.

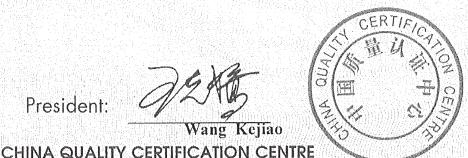
Date of original certification: Nov. 30, 2007

This certificate can be verified through CNCA's website: www.cnca.gov.cn



President:

Wang Kejiao



Section 9, No. 188, Nansihuan Xilu, Beijing 100070 P.R.China

http://www.cqc.com.cn



# 中国国家强制性产品认证证书

### 证书编号: 2007010903257009

## 委托人名称、地址

Elo Touch Solutions, Inc. 301 Constitution Dr, Menlo Park, CA 94025, 美国

## 生产者(制造商)名称、地址

Elo Touch Solutions, Inc. 301 Constitution Dr, Menlo Park, CA 94025, 美国

生产企业名称、地址

## 产品名称和系列、规格、型号

液晶触控显示器

产品标准和技术要求

GB4943. 1-2011; GB9254-2008; GB17625. 1-2003

上述产品符合强制性产品认证实施规则 CNCA-01C-020:2010的要求,特发此证。

发证日期: 2013年02月06日 有效期至: 2018年02月06日

证书有效期内本证书的有效性依据发证机构的定期监督获得保持。

本证书为变更证书,证书首次颁发日期: 2007年11月30日 本证书的相关信息可通过国家认监委网站www.cnca.gov.cn查询





## 방송통신기자재등의 적합인증서 Certificate of Broadcasting and Communication Equipments 상호 또는 성명 Trade Name or Applicant 기기 명칭 LCD Touch Monitor Equipment Name 기본모델명 ET1928L-7CAM-1-GY-G Basic Model Number $$\begin{split} & \text{ET1928L-ONAM-I-BG-G}, \text{ET1928L-ONAM-I-OY-G}, \text{ET1928L-ONAM-I-ROGI2-G}, \text{ET1928L-ONAM-I-BG-G}, \text{ET1928L-7CAM-I-BG-G}, \text{ET1928L-7CAM-I-GG-G}, \text{ET1928L-7CAM-I-GG-G}, \text{ET1928L-7CAM-I-GG-G}, \text{ET1928L-7CAM-I-GG-G}, \text{ET1928L-7CAM-I-GG-G}, \text{ET1928L-7CAM-I-GG-G}, \text{ET1928L-7CAM-I-GG-$$ 파생모델명 Series Model Number 인증번호 TY1-ET1928L7CAM1GY Certification No. 제조자/제조국가 Manufacturer/ Country of Origin 형식기호 Type Identification 인증연월일 2007-12-14 Date of Certification 기타 Others

위 기기는 「전파법」 제58조의2 제2항에 따라 인증되었음을 증명합니다.

It is verified that foregoing equipment has been certificated under the Clause 2, Article 58-2 of Radio Waves Act.

2012년(Year) 05월(Month) 14일(Date)

국립전파연구원장



Director General of Radio Research Agency Korea Communications Commission Republic of Korea

※ 인증 받은 방송통신기자계는 반드시 "적합성평가표시" 를 부착하여 유통하여야 합니다. 위반시 과태료 처분 및 인증이 취소될 수 있습니다.

#### Tsumura, Masahiro (TPS)

imgr@vcci.jp
2年6月15日金曜日 16:33
umura, Masahiro (TPS)
CI適合確認電子届出]受理証明書

適合確認届出

適合確認届出を受理しました。

届出番号:2012023847 受理番号:2012017195

<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: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.):ET1928L-XXXM-XXXXXX-3-G Xはタッチパネル方式や外装色を示すために必要な場合に付与される英数字及び記号 <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 Produsts Services(H.K.) <試験設備等登録番号> 1)1GHz以下放射妨害波測定設備:R-1248 (10m) 2)1GHz超放射妨害波測定設備:G-257 (3m) 3)電源ポート伝導妨害波測定設備:C-1852 4)通信ポート伝導妨害波測定設備: 5)第15条による試験所: 試験実施日:2012-03-13 2012年3月15日 試験成績書番号:V970618A12C 変更/追加理由:

VCCIコメント:

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一般財団法人 VCCI協会 URL :http://www.vcci.jp/ E-mail:aplimgr@vcci.jp