

EU Declaration of Conformity

Model Number: ELO-KIT-EM10-EXPANSION-MODULE, ELO-KIT-ANDROID-HANDHELD-HUB
Equipment Category: Information Technology and Telecommunications Equipment
Equipment Class: Commercial and Light Industrial
Product Name: Expansion Module
Manufacture Start Year: 2022

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 2014/30/EU** of the European Parliament and of the Council of 26 February 2014 on the approximation of the laws of the Member States relating to electromagnetic compatibility and repealing Directive 768/2008/EC Text with EEA relevance.

Applicable harmonized standards:

- EN 55032:2015+A11:2020 Class B
- EN 55035:2017+A11:2020
- EN IEC 61000-3-2:2019
- EN 61000-3-3: 2013+A1:2019
- EN IEC 61000-6-1:2019
- IEC 61000-4-2:2008
- IEC 61000-4-3:2006+A1:2007+A2:2010
- IEC 61000-4-4:2012
- IEC 61000-4-5:2017
- IEC 61000-4-6:2013
- IEC 61000-4-8:2009
- IEC 61000-4-11:2017

2. **EU Directive 2014/35/EU** of the European Parliament and of the Council of 26 February 2014 on the harmonization of the laws of Member States relating to Electrical Equipment designed for use within certain voltage limits.

Applicable harmonized standards:

- EN62368-1:2014+A11:2017
- EN IEC 62368-1:2020+A11:2020
- IEC 62368-1:2014
- IEC 62368-1:2018

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.

Commission Delegated Directive (EU) 2015/863 of 31 March 2015 amending Annex II to Directive 2011/65/EU of the European Parliament and of the Council as regards the list of restricted substances (Text with EEA relevance)

Technical documentation required by the EU Directive 2011/65/EU was drawn based on harmonized standard EN IEC 63000.



Kevin Huang
Engineering Manager
Elo Touch Solutions, Inc.

Elo Touch Solutions | 670 N. McCarthy Blvd., Suite 100 Milpitas, CA 95035 | 800 ELO TOUCH | +1 408 597 8000 | www.elotouch.com

UK Declaration of Conformity

Model Number: ELO-KIT-EM10-EXPANSION-MODULE, ELO-KIT-ANDROID-HANDHELD-HUB
Equipment Category: Information Technology and Telecommunications Equipment
Equipment Class: Commercial and Light Industrial
Product Name: Expansion Module
Manufacture Start Year: 2022

We hereby declare under our sole responsibility, that the object of the declaration described above is in conformity with the following Product Specifications and UK Regulations:

1. Electromagnetic Compatibility Regulations 2016
Applicable harmonized standards:

- BS EN 55032:2015+A11:2020 Class B
- BS EN 55035:2017+A11:2020
- BS EN IEC 61000-3-2:2019
- BS EN 61000-3-3: 2013+A1:2019
- BS EN IEC 61000-6-1:2019
- IEC 61000-4-2:2008
- IEC 61000-4-3:2006+A1:2007+A2:2010
- IEC 61000-4-4:2012
- IEC 61000-4-5:2017
- IEC 61000-4-6:2013
- IEC 61000-4-8:2009
- IEC 61000-4-11:2017
- BS EN 62368-1:2014+A11:2017
- BS EN IEC 62368-1:2020+A11:2020
- IEC 62368-1:2018
- IEC 62368-1:2014

2. The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012

Technical documentation required based on harmonized standard BS EN IEC 63000.



Kevin Huang
Director, Systems Engineering
Elo Touch Solutions, Inc



21 March 2022

FCC Declaration of Conformity

Per FCC 47 CFR FCC Part15 subpart B Section 2.1077(a)
In accordance with FCC Rules and Regulations

Model Number: ELO-KIT-EM10-EXPANSION-MODULE, ELO-KIT-ANDROID-HANDHELD-HUB

Equipment Category: Information Technology and Telecommunications Equipment

Equipment Class: Commercial and Light Industrial

Product Name: Expansion Module

Manufacturer: Elo Touch Solutions, Inc.
670 N. McCarthy Blvd.
Suite 100
Milpitas, CA 95035
www.elotouch.com

Trademark:



Declaration:

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation

Kevin Huang
Director, Systems Engineering
Elo Touch Solutions, Inc.



Ref. Certif. No.

DK-115077-UL

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

CB TEST CERTIFICATE

Product

Expansion Module

Name and address of the applicant

Elo Touch Solutions, Inc.
670 N. McCarthy Blvd. Suite 100, Milpitas, CA 95035,
United States

Name and address of the manufacturer

Elo Touch Solutions, Inc.
670 N. McCarthy Blvd. Suite 100, Milpitas, CA 95035,
United States

Name and address of the factory



Note: When more than one factory, please report on page 2

☒ Additional Information on page 2

Ratings and principal characteristics

DC 24 V, 6.5 A

Trademark (if any)



Customer's Testing Facility (CTF) Stage used

Model / Type Ref.

ELO-KIT-EM10-EXPANSION-MODULE, ELO-KIT-
ANDROID-HANDHELD-HUB

Additional information (if necessary may also be reported on page 2)

☒ Additional Information on page 2

A sample of the product was tested and found to be in conformity with

IEC 62368-1:2014

As shown in the Test Report Ref. No. which forms part of this Certificate

SU0186-21002 issued on 2021-05-31

This CB Test Certificate is issued by the National Certification Body



- ☐ UL (US), 333 Pfingsten Rd IL 60062, Northbrook, USA
- ☒ UL (Demko), Borupvang 5A DK-2750 Ballerup, DENMARK
- ☐ UL (JP), Marunouchi Trust Tower Main Building 6F, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-0005, JAPAN
- ☐ UL (CA), 7 Underwriters Road, Toronto, M1R 3B4 Ontario, CANADA

For full legal entity names see www.ul.com/ncbnames

Date: 2021-06-22

Signature:

Jan-Erik Storgaard



Ref. Certif. No.

DK-115077-UL

Additionally evaluated to:

EN 62368-1:2014/A11:2017, EN 62368-1:2014

National Difference specified in the CB Test Report

Additional information (if necessary)



- ☐ UL (US), 333 Pfingsten Rd IL 60062, Northbrook, USA
- ☒ UL (Demko), Borupvang 5A DK-2750 Ballerup, DENMARK
- ☐ UL (JP), Marunouchi Trust Tower Main Building 6F, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-0005, JAPAN
- ☐ UL (CA), 7 Underwriters Road, Toronto, M1R 3B4 Ontario, CANADA

For full legal entity names see www.ul.com/ncbnames

Date: 2021-06-22

Signature: 
Jan-Erik Storgaard



Ref. Certif. No.

DK-116168-UL

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

CB TEST CERTIFICATE

Product

Expansion Module

Name and address of the applicant

Elo Touch Solutions, Inc.
670 N. McCarthy Blvd. Suite 100, Milpitas, CA 95035,
United States

Name and address of the manufacturer

Elo Touch Solutions, Inc.
670 N. McCarthy Blvd. Suite 100, Milpitas, CA 95035,
United States

Name and address of the factory



Note: When more than one factory, please report on page 2

☒ Additional Information on page 2

Ratings and principal characteristics

DC 24 V, 6.5 A

Trademark (if any)



Customer's Testing Facility (CTF) Stage used

Model / Type Ref.

ELO-KIT-EM10-EXPANSION-MODULE, ELO-KIT-ANDROID-HANDHELD-HUB

Additional information (if necessary may also be reported on page 2)

☒ Additional Information on page 2

A sample of the product was tested and found to be in conformity with

IEC 62368-1:2018

As shown in the Test Report Ref. No. which forms part of this Certificate

SU0186-21012 issued on 2021-06-30

This CB Test Certificate is issued by the National Certification Body



- ☐ UL (US), 333 Pfingsten Rd IL 60062, Northbrook, USA
- ☒ UL (Demko), Borupvang 5A DK-2750 Ballerup, DENMARK
- ☐ UL (JP), Marunouchi Trust Tower Main Building 6F, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-0005, JAPAN
- ☐ UL (CA), 7 Underwriters Road, Toronto, M1R 3B4 Ontario, CANADA

For full legal entity names see www.ul.com/ncbnames

Date: 2021-07-20

Signature:

Jan-Erik Storgaard

Additionally evaluated to:

EN IEC 62368-1:2020/A11:2020, EN IEC 62368-1:2020

National Difference specified in the CB Test Report.

Additional information (if necessary)

- ☐ UL (US), 333 Pfingsten Rd IL 60062, Northbrook, USA
- ☒ UL (Demko), Borupvang 5A DK-2750 Ballerup, DENMARK
- ☐ UL (JP), Marunouchi Trust Tower Main Building 6F, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-0005, JAPAN
- ☐ UL (CA), 7 Underwriters Road, Toronto, M1R 3B4 Ontario, CANADA

For full legal entity names see www.ul.com/ncbnames

Date: 2021-07-20

Signature: 
Jan-Erik Storgaard

CERTIFICATE OF COMPLIANCE

Certificate Number UL-US-2133913-0
Report Reference E162681-20210709
Date 14-Jul-2021

Issued to: Elo Touch Solutions Taiwan Ltd
Rm C 5th Fl 3 Yuandong Rd
Banqiao District New Taipei
Taiwan 220

**This is to certify that
representative samples of**

AZOT - Audio/Video, Information and Communication
Technology Equipment

See Addendum Page for Product Designation(s).

Have been investigated by UL in accordance with the
Standard(s) indicated on this Certificate.

Standard(s) for Safety: UL 62368-1, 2nd Ed., Issue Date: 2014-12-01

Additional Information: See the UL Online Certifications Directory at
<https://iq.ulprospector.com> for additional information

This Certificate of Compliance does not provide authorization to apply the UL Mark. Only the UL Follow-Up Services Procedure provides authorization to apply the UL Mark.

Only those products bearing the UL Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Certification Mark on the product.

B. Mahrenholz

Bruce Mahrenholz, Director North American Certification Program

UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>

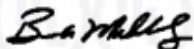


CERTIFICATE OF COMPLIANCE

Certificate Number UL-US-2133913-0
Report Reference E162681-20210709
Date 14-Jul-2021

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements

Model	Category Description
ELO-KIT-ANDROID-HANDHELD-HUB	Expansion Module
ELO-KIT-EM10-EXPANSION-MODULE	Expansion Module



Bruce Mahrenholz, Director North American Certification Program

UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>



CERTIFICATE OF COMPLIANCE

Certificate Number UL-CA-2128809-0
Report Reference E162681-20210709
Date 14-Jul-2021

Issued to: Elo Touch Solutions Taiwan Ltd
Rm C 5th Fl 3 Yuandong Rd
Banqiao District New Taipei
Taiwan 220

**This is to certify that
representative samples of**

AZOT7 - Audio/Video, Information and Communication
Technology Equipment Certified for Canada
See Addendum Page for Product Designation(s).

Have been investigated by UL in accordance with the
Standard(s) indicated on this Certificate.

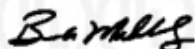
Standard(s) for Safety: CSA C22.2 NO. 62368-1-14, 2nd Ed., Issue Date: 2014-12-01

Additional Information: See the UL Online Certifications Directory at
<https://iq.ulprospector.com> for additional information

This Certificate of Compliance does not provide authorization to apply the UL Mark. Only the UL Follow-Up Services Procedure provides authorization to apply the UL Mark.

Only those products bearing the UL Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Certification Mark on the product.



Bruce Mahrenholz, Director North American Certification Program

UL LLC

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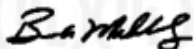


CERTIFICATE OF COMPLIANCE

Certificate Number UL-CA-2128809-0
Report Reference E162681-20210709
Date 14-Jul-2021

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements

Model	Category Description
ELO-KIT-ANDROID-HANDHELD-HUB	Expansion Module
ELO-KIT-EM10-EXPANSION-MODULE	Expansion Module



Bruce Mahrenholz, Director North American Certification Program

UL LLC

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Masahiro Tsumura

差出人: aplimgr@vcci.jp
送信日時: 2022年3月18日金曜日 15:37
宛先: Masahiro Tsumura
件名: [VCCI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:2021095807

受理番号:2021063395

<届出者情報>

<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:製品企画部

氏名:津村 昌弘

E-mail:masahiro.tsumura@elotouch.com

<届出担当者>

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

部署名:製品企画部

氏名:津村

TEL:045-478-2161

FAX:045-478-2180

E-mail:masahiro.tsumura@elotouch.com

<受理通知受信者>

部署名:製品企画部

E-mail:masahiro.tsumura@elotouch.com

適用規程:VCCI 32-1

届出種別:変更

一般的な機器の名称:拡張モジュール
機器の種別と分類記号:クラス B / 分類記号 r2
型式名(モデル No.):Elo Touch Solutions
ELO-KIT-ANDROID-HANDHELD-HUB
ELO-KIT-EM10-Expansion-Module
<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名:
<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名:
<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名:
<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名:
<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名:
試験機関の会員番号:466 Sporton International Inc.
試験機関の名称:
<試験設備等登録番号>
1. 1GHz 以下放射妨害波測定:R-11327 (10m)
2. 1GHz 超放射妨害波測定:G-20066 (3m)
3. 電源ポート伝導妨害波測定:C-11393
4. 有線通信ポート等の伝導妨害波測定:T-11731
5. 第 15 条による試験所:
6. 設置場所で試験をした:
試験実施日:2020-11-17 2020-11-19
試験報告書番号:JV072404-08

変更/追加理由:モデル名の誤記訂正

VCCI コメント:

一般財団法人 VCCI 協会

URL :

<https://nam02.safelinks.protection.outlook.com/?url=http%3A%2F%2Fwww.vcci.jp%2F&data=04%7C01%7Cmasahiro.tsumura%40elotouch.com%7Cfb3b915d50b64910980508da08a9bb6e%7C5a057f852a504ea9b91e4e8ec4b2e549%7C1%7C0%7C637831822335788520%7CUnknown%7CTWFpbGZsb3d8eyJWljoiMC4wLjAwMDAiLCJQIjoiV2luMzliLCJBTil6lk1haWwiLCJXVCI6Mn0%3D%7C3000&sdata=SBKpKFqDahe0l2KKDxKBbVLwrJxXKH%2FpY7eO8FVucAl%3D&reserved=0>

E-mail : aplimgr@vcci.jp