



Ref. Certif. No.

JPTUV-049101-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

DLP Projector

Name and address of the applicant
Nom et adresse du demandeur

Coretronic Corp.
No. 11, Li Hsing Rd.
Science-Based Industrial Park, Hsinchu 300 Taiwan

Name and address of the manufacturer
Nom et adresse du fabricant

NEC Display Solutions, Ltd.
4-28, Mita 1-chome, Minato-ku
Tokyo, 108-0073 JAPAN

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

See additional page(s)

Ratings and principal characteristics
Valeurs nominales et caractéristiques principales

AC 100-240V; 50/60Hz; 4.3-1.8A; Class I

Trademark (if any)
Marque de fabrique (si elle existe)

NEC

Type of Manufacturer's Testing Laboratories used
Type de programme du laboratoire d'essais constructeur

N/A

Model / Type Ref.
Ref. de type

NP-PE401H, NP-PE401H+

Additional information (if necessary may also be
reported on page 2)
Les informations complémentaires (si nécessaire,
peuvent être indiqués sur la 2^{ème} page)

For model differences, refer to the test report.
Re-issue of JPTUV-049101 dated 16.01.2013,
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 60950-1:2005+A1
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 partie de ce Certificat

11030933 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



TÜVRheinland®

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Global Technology Assessment Center
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Signature:


Dipl.-Ing. U. Stoelzel

Date: 01.02.2013

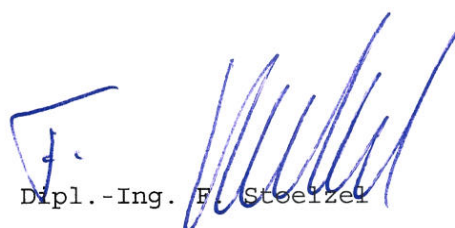
1. Vimax (Kunshan) Co., Ltd.
No. 388, San Jia Rd, Zhangpu Town,
Kunshan City, Jiangsu
P.R. China
2. Coretronic Projection
(Kunshan) Corporation
No. 20, 3rd Ave,
Kunshan Free Trade Zone
Jiangsu 215300, P.R. China

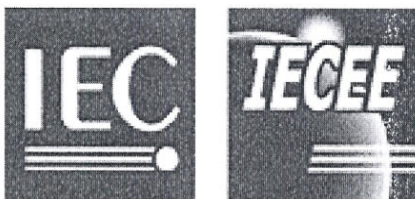
Additional information (if necessary)
Information complémentaire (si nécessaire)

Report Ref. No.: 11030933 002

Date: 01.02.2013

Signature:


Dipl.-Ing. F. Steerzel



Test Report issued under the responsibility of:



TEST REPORT IEC 60950-1 Information technology equipment – Safety – Part 1: General requirements	
Report Number.....	11030933 002
Date of issue.....	31-Jan.-2013
Total number of pages.....	6
CB Testing Laboratory	TÜV Rheinland Taiwan Ltd., Taichung Laboratory
Address.....	No. 9, Ln. 36, Sec. 3, Minsheng Rd., Daya District, Taichung City 428, Taiwan
Applicant's name	Coretronic Corp.
Address.....	No. 11, Li Hsing Rd., Science-Based Industrial Park, Hsinchu 300 Taiwan
Manufacturer's name	NEC Display Solutions, Ltd.
Address.....	4-28, Mita 1-chome, Minato-ku, Tokyo, Japan
Test specification:	
Standard	IEC 60950-1:2005 (Second Edition) + Am 1:2009
Test procedure.....	CB Scheme
Non-standard test method.....	N/A
Test Report Form No.	IEC60950_1C
Test Report Form(s) Originator	SGS Fimko Ltd
Master TRF	Dated 2012-08
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If this Test Report Form is used by non-IECEE members, the IECEE/IEC logo and the reference to the CB Scheme procedure shall be removed.	
This report is not valid as a CB Test Report unless signed by an approved CB Testing Laboratory and appended to a CB Test Certificate issued by an NCB in accordance with IECEE 02.	
Test item description	DLP Projector
Trade Mark	NEC
Manufacturer.....	See above
Model/Type reference.....	NP-PE401H, NP-PE401H+
Ratings.....	100-240Vac, 50/60 Hz , 4.3-1.8A

Testing procedure and testing location:		
☒	CB Testing Laboratory:	See cover page
Testing location/ address..... :		See cover page
☐	Associated CB Laboratory:	
Testing location/ address..... :		
Tested by (name + signature)..... :		Sean Usueh
Approved by (name + signature)		Carol + Huang
☐	Testing procedure: TMP	
Testing location/ address..... :		
Tested by (name + signature)..... :		
Approved by (name + signature)		
☐	Testing procedure: WMT	
Testing location/ address..... :		
Tested by (name + signature)..... :		
Witnessed by (name + signature)..... :		
Approved by (name + signature)		
☐	Testing procedure: SMT	
Testing location/ address..... :		
Tested by (name + signature)..... :		
Approved by (name + signature)		
Supervised by (name + signature)..... :		
☐	Testing procedure: RMT	
Testing location/ address..... :		
Tested by (name + signature)..... :		
Approved by (name + signature)		
Supervised by (name + signature)..... :		

List of Attachments (including a total number of pages in each attachment):

- N/A

Summary of testing:**Tests performed (name of test and test clause):**

- No test necessary

Testing location:

No test necessary

Summary of compliance with National Differences

List of countries addressed:

EU Group Differences, EU Special National Conditions, CA, DE, FI, IL, KR, US.

Explanation of used codes: CA = Canada, DE = Germany, FI = Finland, IL = Israel, KR = Republic of Korea, US = United States of America.

☒ The product fulfils the requirements of EN 60950-1:2006+A11:2009+A1:2010+A12:2011

Copy of marking plate

The artwork below may be only a draft. The use of certification marks on a product must be authorized by the respective NCBs that own these marks.

(Additional requirements for markings. See 1.7 NOTE)

N/A

Test item particulars:	
Equipment mobility.....:	☒ movable ☐ hand-held ☐ transportable ☒ stationary ☐ for building-in ☐ direct plug-in
Connection to the mains	☒ pluggable equipment ☒ type A ☐ type B ☐ permanent connection ☒ detachable power supply cord ☐ non-detachable power supply cord ☐ not directly connected to the mains
Operating condition.....:	☒ continuous ☐ rated operating / resting time:
Access location	☒ operator accessible ☐ restricted access location
Over voltage category (OVC)	☐ OVC I ☒ OVC II ☐ OVC III ☐ OVC IV ☐ other:
Mains supply tolerance (%) or absolute mains supply values	±10
Tested for IT power systems	☐ Yes ☒ No
IT testing, phase-phase voltage (V)	N/A
Class of equipment	☒ Class I ☐ Class II ☐ Class III ☐ Not classified
Considered current rating of protective device as part of the building installation (A)	16 or 20 (for North America)
Pollution degree (PD)	☐ PD 1 ☒ PD 2 ☐ PD 3
IP protection class	IPX0
Altitude during operation (m)	Up to 5000
Altitude of test laboratory (m)	Less than 2000
Mass of equipment (kg)	4.5
Possible test case verdicts:	
- test case does not apply to the test object	: N/A (or N)
- test object does meet the requirement.....	: P (Pass)
- test object does not meet the requirement.....	: F (Fail)
Testing:	
Date of receipt of test item	: N/A
Date(s) of performance of tests	: N/A
General remarks:	
The test results presented in this report relate only to the object tested. This report shall not be reproduced, except in full, without the written approval of the Issuing testing laboratory. "(see Enclosure #)" refers to additional information appended to the report. "(see appended table)" refers to a table appended to the report. Throughout this report a ☐ comma / ☒ point is used as the decimal separator.	

Manufacturer's Declaration per sub-clause 6.2.5 of IEC60950-1:

The application for obtaining a CB Test Certificate includes more than one factory location and a declaration from the Manufacturer stating that the sample(s) submitted for evaluation is (are) representative of the products from each factory has been provided.....:

☒ Yes
☐ Not applicable

When differences exist; they shall be identified in the General product information section.

Name and address of factory (ies) : 1) Coretronic Projection (Kunshan) Corporation
 No. 20, 3rd Ave, Kunshan Free Trade Zone,
 Jiangsu 215300, P.R. China

2) Vimax (Kunshan) Co., Ltd.
 No. 388, San Jia Rd, Zhangpu Town, Kunshan
 City, Jiangsu, P.R. China

General product information:

Description of change(s):

1. Change manufacturer.

For the above described change(s) the following was considered to be necessary:

Change	Testing	Comments
1.	• N/A	See cover page for new manufacturer.

History of amendments and modifications:

Ref. No. 11030933 001, dated 10-Jan.-2013 (original test report)
 Ref. No. 11030933 002, dated 31-Jan.-2013 (amendment)

Abbreviations used in the report:

- normal conditions	N.C.	- single fault conditions	S.F.C
- functional insulation	OP	- basic insulation	BI
- double insulation	DI	- supplementary insulation	SI
- between parts of opposite polarity	BOP	- reinforced insulation	RI

Indicate used abbreviations (if any)

List of test equipment used:

Clause	Measurement / testing	Testing / measuring equipment / material used	Range used	Calibration date

No listing of test equipment used necessary for chosen test procedure.