



Certificate No. : L2606-130325

財團法人全國認證基金會  
Taiwan Accreditation Foundation

## Certificate of Accreditation

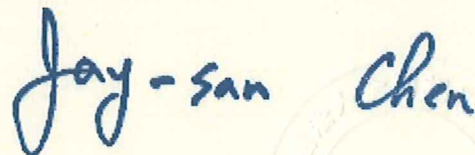
This is to certify that

**PEP Certification Corp.**

12-3 FL., No,27-1. Lane 169, Kang-Ning St., Hsi-Chih New Taipei City. Taiwan. R.O.C

**is accredited in respect of laboratory**

**Accreditation Criteria** : ISO/IEC 17025:2005  
**Accreditation Number** : 2606  
**Originally Accredited** : June 08, 2012  
**Effective Period** : June 08, 2012 to June 07, 2015  
**Accredited Scope** : Testing Field, see described in the Appendix  
**Specific Accreditation Program** : Accreditation Program for Designated Testing Laboratory for Commodities Inspection  
Accreditation Program for BSMI Mutual Recognition Arrangement with Foreign Authorities



Jay-San Chen  
President, Taiwan Accreditation Foundation  
Date: March 25, 2013



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**Taiwan Accreditation Foundation**

Accreditation Number : 2606

Laboratory Head : CHOU, Alex

15.03 Medical Devices

Medical electrical equipment

E002 EMC

IEC 60601-1-2

EN 60601-1-2

EN 55011

EUT VOLTAGE:100 V to 250 V, 1  $\psi$

EUT CURRENT:0 A to 16 A

Radiated interference:30 MHz to 1 GHz

Approval Signatory: CHOU, Alex;CHANG, SK

Testing Place: No.120, Ln. 5, Hudong St., Xizhi Dist., New Taipei City 221, Taiwan (R.O.C.)

E002 EMC

IEC 60601-1-2

EN 60601-1-2

EUT VOLTAGE:100 V to 250 V, 1  $\psi$

EUT CURRENT:0 A to 16 A

Conducted interference:9 kHz to 30 MHz

Approval Signatory: CHOU, Alex;CHANG, SK

18.02 Commodity

Household and Similar Equipment

E002 EMC

CISPR 14-1

EN 55014-1

CNS13783-1

AS/NZS 1044

CISPR 14-2 (only IEC 61000-4-2; ESD)

FCC Method-47 PART 15 Subpart B

EN 55014-2 (only IEC 61000-4-2; ESD)

Conducted interference:9 kHz to 30 MHz

Clamp EMISSION:30 MHz to 300 MHz

Click test

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Approval Signatory: CHOU, Alex

■ 18.04 Commodity  
Audio and Video Equipment  
E002 EMC  
CNS 13439  
CISPR13  
EN 55013  
AS/NZS 1053  
CLAMP EMISSION TEST:30 MHz to 300 MHz  
Disturbance voltage at the antenna terminals:30 MHz to 2.15 GHz

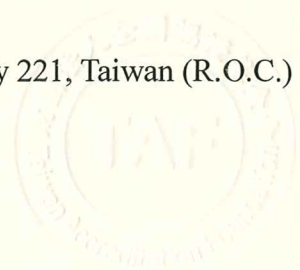
Approval Signatory: CHOU, Alex;CHANG, SK

■ 18.04 Commodity  
Audio and Video Equipment  
E002 Conduction  
CNS 13439  
CISPR 13  
EN55013  
AS/NZS 1053  
Conducted interference:9 kHz to 30 MHz

Approval Signatory: CHOU, Alex

■ 18.04 Commodity  
Audio and Video Equipment  
E002 EMC  
CNS 13439  
CISPR13  
EN 55013  
AS/NZS 1053  
Radiated interference:30 MHz to 26 GHz

Approval Signatory: CHOU, Alex;CHANG, SK  
Testing Place: No.120, Ln. 5, Hudong St., Xizhi Dist., New Taipei City 221, Taiwan (R.O.C.)



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18.04 Commodity  
Camera and DVR or related equipment  
E996 Electrical and Electronic Device Characteristic Test  
IEC 61146-1 (only chapter 5)  
Horizontal Resolution:200 TVL to 800 TVL

Approval Signatory: CHOU, Alex

19.99 Electronic and Electric  
Industrial, scientific and medical (ISM) radio-frequency equipment  
E002 Conduction  
CISPR 11  
EN 55011  
CNS13803  
GB 4824  
AS/NZS CISPR 11  
FCC Method-47 CFR Part 18  
Conducted interference:9 kHz to 30 MHz

Approval Signatory: CHOU, Alex

19.99 Electronic and Electric  
Industrial Environment Product  
E002 EMS  
IEC 61000-6-2  
EN 61000-6-2  
EUT VOLTAGE:100 V to 250 V  
EUT CURRENT:0 A to 16 A  
(Excluding RS)

Approval Signatory: CHOU, Alex;CHANG, SK

E002 EMI  
IEC 61000-6-4  
EN 61000-6-4  
Conducted interference:9 kHz to 30 MHz

Approval Signatory: CHOU, Alex;CHANG, SK

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E002 EMI  
IEC 61000-6-4  
EN 61000-6-4  
Radiated interference:30 MHz to 26 GHz

Approval Signatory: CHOU, Alex;CHANG, SK  
Testing Place: No.120, Ln. 5, Hudong St., Xizhi Dist., New Taipei City 221, Taiwan (R.O.C.)

19.99 Electronic and Electric  
Residential, commercial and light industrial environments  
E002 EMS  
IEC 61000-6-1  
EN 61000-6-1  
EUT VOLTAGE:100 V to 250 V  
EUT CURRENT:0 A to 16 A  
(Excluding RS)

Approval Signatory: CHOU, Alex;CHANG, SK

E002 EMI  
IEC 61000-6-3  
EN 61000-6-3  
Conducted interference:9 kHz to 30 MHz

Approval Signatory: CHOU, Alex;CHANG, SK

E002 EMI  
IEC 61000-6-3  
EN 61000-6-3  
Radiated interference:30 MHz to 26 GHz

Approval Signatory: CHOU, Alex;CHANG, SK  
Testing Place: No.120, Ln. 5, Hudong St., Xizhi Dist., New Taipei City 221, Taiwan (R.O.C.)

19.99 Electronic and Electric  
Information Technology and Office Equipment Medical electrical equipment Residential,  
commercial and light industrial environments  
Industrial Environment Product  
E002 EMC  
AS/NZS 61000-3-2  
IEC 61000-3-2  
EN 61000-3-2

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$I \leq 16 A$   
40 Harmonic order

Approval Signatory: CHOU, Alex;CHANG, SK

E002 EMC  
AS/NZS 61000-3-3  
IEC 61000-3-3  
EN 61000-3-3  
 $I \leq 16 A$   
250 V below

Approval Signatory: CHOU, Alex;CHANG, SK

E002 EMS  
IEC 61000-4-11  
EN 61000-4-11  
Test Level: Voltage dip and short interruptions:(0 to 100) %  
Voltage variations

Approval Signatory: CHOU, Alex;CHANG, SK

E002 EMS  
IEC 61000-4-4  
EN 61000-4-4  
Power Port:250 V to 4 kV  
I/O PORT:250 V to 4 kV

Approval Signatory: CHOU, Alex;CHANG, SK

E002 EMS  
IEC 61000-4-5  
EN 61000-4-5  
Test Level:250 V to 6 kV

Approval Signatory: CHOU, Alex;CHANG, SK

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E002 EMS  
IEC 61000-4-6  
EN 61000-4-6  
Test Level:1 V to 10 V  
Frequency range:150 MHz to 230 MHz

Approval Signatory: CHOU, Alex;CHANG, SK

E002 EMS  
IEC 61000-4-8  
EN 61000-4-8  
Test Level:1 A/M to 100 A/M (broken)

Approval Signatory: CHOU, Alex;CHANG, SK

19.99 Electronic and Electric  
Electrical Equipment  
E002 ESD  
IEC 61000-4-2  
EN 61000-4-2  
Air:0.1 kV to 30 kV  
Contact:0.1 kV to 15 kV

Approval Signatory: CHOU, Alex

20.21 Information Technology and Communication  
Information Technology and Communication  
Office Equipment  
E002 EMC  
CISPR 24  
EN 55024  
EUT VOLTAGE:100 V to 250 V  
EUT CURRENT:(0 to 16) A  
(Excluding RS)

Approval Signatory: CHOU, Alex;CHANG, SK



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**財團法人全國認證基金會**  
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▀ 20.21 Information Technology and Communication  
office equipment  
E002 Conduction  
EN 55022  
CISPR 22  
CNS13438  
VCCI  
FCC Method-47 PART 15 Subpart B  
ANSI C 63.4  
AN/NZS 3548  
SS IEC CISPR 22  
Conducted interference:150 kHz to 30 MHz (include ISN:T2, T4, T8)

Approval Signatory: CHOU, Alex

▀ 20.21 Information Technology and Communication  
Information Technology and Office Equipment  
E002 EMC  
CNS13438  
EN 55022  
CISPR 22  
VCCI  
FCC Method-47 Part 15 Subpart B  
ANSI C 63.4  
AS/NZS 3548  
SS IEC CISPR 22  
Radiated interference:30 MHz to 26 GHz  
NSA:30 MHz to 1 GHz  
Site VSWR:1 GHz to 6 GHz

Approval Signatory: CHOU, Alex;CHANG, SK  
Testing Place: No.120, Ln. 5, Hudong St., Xizhi Dist., New Taipei City 221, Taiwan (R.O.C.)

**Accreditation Program for Designated Testing Laboratory for Commodities Inspection**

▀ 18.02 Commodity  
Household and Similar Equipment  
E002 EMC  
CNS13783-1  
Conducted interference:9 kHz to 30 MHz  
Clamp EMISSION:30 MHz to 300 MHz  
Click test

Approval Signatory: CHOU, Alex

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18.04 Commodity  
Audio and Video Equipment  
E002 EMC  
CNS 13439

CLAMP EMISSION TEST:30 MHz to 300 MHz  
Disturbance voltage at the antenna terminals:30 MHz to 2.15 GHz  
Conducted interference:9 kHz to 30 MHz

Approval Signatory: CHOU, Alex;CHANG, SK

E002 EMC  
CNS 13439  
Radiated interference:30 MHz to 26 GHz

Approval Signatory: CHOU, Alex;CHANG, SK  
Testing Place: No.120, Ln. 5, Hudong St., Xizhi Dist., New Taipei City 221, Taiwan (R.O.C.)

20.21 Information Technology and Communication  
office equipment  
E002 Conduction  
CNS13438  
Conducted interference:150 kHz to 30 MHz (include ISN:T2, T4, T8)

Approval Signatory: CHOU, Alex;CHANG, SK

20.21 Information Technology and Communication  
Information Technology and Office Equipment  
E002 EMC  
CNS13438  
Radiated interference:30 MHz to 26 GHz  
NSA:30 MHz to 1 GHz  
Site VSWR:1 GHz to 6 GHz

Approval Signatory: CHOU, Alex;CHANG, SK  
Testing Place: No.120, Ln. 5, Hudong St., Xizhi Dist., New Taipei City 221, Taiwan (R.O.C.)



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**Accreditation Program for BSMI Mutual Recognition Arrangement with Foreign Authorities**

18.02 Commodity  
Household and Similar Equipment  
E002 EMC  
AS/NZS 1044  
FCC Method-47 PART 15 Subpart B  
Conducted interference:9 kHz to 30 MHz  
Clamp EMISSION:30 MHz to 300 MHz  
Click test

Approval Signatory: CHOU, Alex

18.04 Commodity  
Audio and Video Equipment  
E002 Conduction  
CISPR 13  
AS/NZS 1053  
Conducted interference:9 kHz to 30 MHz

Approval Signatory: CHOU, Alex

E002 EMC  
CISPR13  
AS/NZS 1053  
CLAMP EMISSION TEST:30 MHz to 300 MHz  
Disturbance voltage at the antenna terminals:30 MHz to 2.15 GHz

Approval Signatory: CHOU, Alex;CHANG, SK

E002 EMC  
CISPR13  
AS/NZS 1053  
Radiated interference:30 MHz to 26 GHz

Approval Signatory: CHOU, Alex;CHANG, SK  
Testing Place: No.120, Ln. 5, Hudong St., Xizhi Dist., New Taipei City 221, Taiwan (R.O.C.)



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20.21 Information Technology and Communication  
office equipment  
E002 Conduction  
CISPR 22  
FCC Method-47 PART 15 Subpart B  
ANSI C 63.4  
Conducted interference:150 kHz to 30 MHz (include ISN:T2, T4, T8)

Approval Signatory: CHOU, Alex

20.21 Information Technology and Communication  
Information Technology and Communication  
Office Equipment  
E002 EMC  
CISPR 24  
EUT VOLTAGE:100 V to 250 V  
EUT CURRENT:(0 to 16) A  
(Excluding RS)

Approval Signatory: CHOU, Alex;CHANG, SK

20.21 Information Technology and Communication  
Information Technology and Office Equipment  
E002 EMC  
CISPR 22  
FCC Method-47 Part 15 Subpart B  
ANSI C 63.4  
Radiated interference:30 MHz to 26 GHz  
NSA:30 MHz to 1 GHz  
Site VSWR:1 GHz to 6 GHz

Approval Signatory: CHOU, Alex;CHANG, SK  
Testing Place: No.120, Ln. 5, Hudong St., Xizhi Dist., New Taipei City 221, Taiwan (R.O.C.)

(Null below)

