



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

# Certificate of Accreditation

(Certificate No : L3325-230407)

This is to certify that

## Taiwan Testing and Certification Center Information and Communications Testing Laboratory

No. 8, Lane 29, Weming Rd., Guishan Dist. Taoyuan City 33383, Taiwan R.O.C.

is accredited in respect of laboratory

**Accreditation Criteria** : ISO/IEC 17025:2017 ; CNS 17025:2018

**Accreditation Number** : 3325

**Originally Accredited** : April 25, 2017

**Effective Period** : April 25, 2023 to April 24, 2026

**Accredited Scope** : Testing Field, see described in the Appendix  
Accreditation Program for Designated Testing Laboratory  
for Commodities Inspection,

**Specific Accreditation Program** : Accreditation Program for Information Security Testing  
Laboratory,  
Accreditation Program for Smart Connected Service  
System Information Security Testing Laboratory



Scan to verify

*Ching-Chang Lien*

Ching-Chang Lien  
President, Taiwan Accreditation Foundation  
April 07, 2023

Accreditation Number : 3325

Laboratory Head : LIU, Sophia

▀ 17. 89 Metrical Instrument

DLMS/COSEM Smart Meter

E021 Data link layer

DLMS/COSEM transport layer

OBIS Object identification system

IEC 62056

CNS 62056

IEC 62056 ch 46

IEC 62056 Ch-4-7: , Ch 6-1: , Ch 6-2

Approval Signatory: LIU, Sophia; HSIEH, Chun-Hsiang

▀ 18. 02 Commodity

Smart Home Device, Smart Appliance, Home network adaptor, Home Gateway, Cloud System, Built-in HNA Smart Appliance

E021 Test methods for interconnection protocol for devices in smart home

TaiSEIA 101 devices connect protocol

TaiSEIA 101 Network Communication protocol

CNS 16014

CNS 16090

SA Communication Interface Test

SA Communication Function Test

HNA Communication Interface Test

HNA Communication Function Test

HG Communication Interface Test

CS Communication Function Test

Approval Signatory: LIU, Sophia; HSIEH, Chun-Hsiang

▀ 19. 09 Electronic and Electric

PV Inverters main Units

E013

Level 1

Level 2

BSMI Technical Specification for Security Testing of PV Inverters and Monitoring Units (2020/12)

on-site testing Included

Approval Signatory: YEH, Hsi-Hsun; LIU, Sophia



19. 09 Electronic and Electric

PV Inverters monitoring Unit

E013

Level 1

Level 2

BSMI Technical Specification for Security Testing of PV Inverters and Monitoring Units (2020/12)

On-site testing included only for Software/Firmware security evaluation testing

Approval Signatory: YEH, Hsi-Hsun; LIU, Sophia

20. 07 Information Technology and Communication

Smartphone Embedded Software

E013

Level 1

Level 2

TAICS TS-0029-Infocom security standard of embedded software on smartphone systems.

TAICS TS-0030-Infocom security test specification for embedded software on smartphone systems.

Approval Signatory: WANG, Yu-Jhao; YANG, Po-Hung

20. 07 Information Technology and Communication

Mobile Application

E027

L1

L2

L3

F

Mobile Application Security Alliance Basic Information Security Testing Standard for Mobile Applications

Approval Signatory: WANG, Yu-Jhao; YANG, Po-Hung

20. 21 Information Technology and Communication

IP Camera

E013

Level 1

Level 2

Level 3

TAICS TS-0015-1 Video Surveillance System Security Standard-  
Part 1: General Requirements (excluded 5.3.3 Wi-Fi communication security)

TAICS TS-0015-2 Video Surveillance System Security Standard-  
Part 2: IP Camera (excluded 5.3.3 Wi-Fi communication security)

IoT-2001-1 Video Surveillance System Security Standard-  
Part 1: General Requirements (excluded 5.3.3 Wi-Fi communication security)

IoT-2001-2 Video Surveillance System Security Standard-  
P3, total 7 pages



Part 2: IP Camera (excluded 5.3.3 Wi-Fi communication security)  
CNS 16120-1: Video surveillance system security-  
Part 1: General requirements (excluded 6.3.3 Wi-Fi communication security)  
CNS 16132-1 Test methods for video surveillance system security.  
Part 1: General requirements (excluded 6.3.3 Wi-Fi communication security)  
CNS 16120-2: Video surveillance system security-  
Part 2: Requirements of IP camera (excluded 6.3.3 Wi-Fi communication security)  
CNS 16132-2 Test methods for video surveillance system security.  
Part 2: IP camera (excluded 6.3.3 Wi-Fi communication security)

Approval Signatory: WANG, Yu-Jhao; YANG, Po-Hung

20. 21 Information Technology and Communication

Video recorder

E013

Level 1

Level 2

Level 3

TAICS TS-0015-1 Video Surveillance System Security Test Specification-  
Part 1: General Requirement (excluded 5.3.3 Wi-Fi communication security)  
TAICS TS-0015-3 Video Surveillance System Security Test Specification-  
Part 3: Video Recorder (excluded 5.3.3 Wi-Fi communication security)  
IoT-2001-1 Video Surveillance System Security Test Specification-  
Part 1: General Requirement (excluded 5.3.3 Wi-Fi communication security)  
IoT-2001-3 Video Surveillance System Security Test Specification-  
Part 3: Video Recorder (excluded 5.3.3 Wi-Fi communication security)  
CNS 16120-1: Video surveillance system security-  
Part 1: General requirements (excluded 6.3.3 Wi-Fi communication security)  
CNS 16132-1 Test methods for video surveillance system security.  
Part 1: General requirements (excluded 6.3.3 Wi-Fi communication security)  
CNS 16120-3: Video surveillance system security-  
Part 3: Video recorder (excluded 6.3.3 Wi-Fi communication security)  
CNS 16132-3 Test methods for video surveillance system security.  
Part 3: Video recorder (excluded 6.3.3 Wi-Fi communication security)

Approval Signatory: WANG, Yu-Jhao; YANG, Po-Hung

22. 05 Transportation Equipment

Electric Vehicle Supply Equipment

E013

Level 1

Level 2

BSMI Technical Specification for Security Testing of Electric Vehicle Supply Equipment  
on-site testing included

Approval Signatory: YEH, Hsi-Hsun; LIU, Sophia



▀ 22. 05 Transportation Equipment

Stationary a.c. and d.c. conductive power supply systems for electric motorcycle  
E019 Digital Communication between electric motorcycle dedicated d.c. power supply  
device and electric motorcycle for control of d.c. charging  
TES-0D-02-01,  
CNS 16128

Approval Signatory: LIN, Senming; LIU, Sophia

▀ 31. 99 Electrical power equipment

Intelligent Electronic Device (IED)  
E019 Data Link Layer, Transport Layer, Application Layer  
DNP3 Intelligent Electronic Device (IED) Certification Procedure *Subset Level 2*  
(Version 2.7, 2016)

DNP3.0 communication protocol Level 1, Level 2

Approval Signatory: LIN, Samuel

▀ 31. 99 Electrical power equipment

Energy Management System, OpenADR System and Device:  
VTN, Virtual Top Node (Server)  
VEN, Virtual End Node (Client)  
E019 Services  
Transport  
Exchange Model  
Security  
OpenADR Profile Specification  
OpenADR Test Specification

Approval Signatory: LIU, Sophia; HSIEH, Chun-Hsiang

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

▀ 19. 09 Electronic and Electric

PV Inverters main Units  
E013  
Level 1  
Level 2  
BSMI Technical Specification for Security Testing of PV Inverters and Monitoring Units  
(2020/12)  
on-site testing included

Approval Signatory: YEH, Hsi-Hsun; LIU, Sophia



■ 19. 09 Electronic and Electric

PV Inverters monitoring Unit

E013

Level 1

Level 2

BSMI Technical Specification for Security Testing of PV Inverters and Monitoring Units (2020/12)

On-site testing included only for Software/Firmware security evaluation testing

Approval Signatory: YEH, Hsi-Hsun; LIU, Sophia

■ 22. 05 Transportation Equipment

Stationary a.c. and d.c. conductive power supply systems for electric motorcycle

E019 Digital Communication between electric motorcycle dedicated d.c. power supply device and electric motorcycle for control of d.c. charging

CNS 16128 (2020)

Approval Signatory: LIN, Senming; LIU, Sophia

**Accreditation Program for Information Security Testing Laboratory**

■ 20. 07 Information Technology and Communication

Smartphone Embedded Software

E013

Level 1

Level 2

TAICS TS-0029-Infocom security standard of embedded software on smartphone systems.

TAICS TS-0030-Infocom security test specification for embedded software on smartphone systems.

Approval Signatory: WANG, Yu-Jhao; YANG, Po-Hung

**Accreditation Program for Smart Connected Service System Information Security Testing Laboratory**

■ 20. 07 Information Technology and Communication

Mobile Application

E027

L1

L2

L3

F

Mobile Application Security Alliance Basic Information Security Testing Standard for Mobile Applications

Approval Signatory: WANG, Yu-Jhao; YANG, Po-Hung



▀ 20. 21 Information Technology and Communication

IP Camera

E013

Level 1

Level 2

Level 3

TAICS TS-0015-1 Video Surveillance System Security Standard

-Part 1: General Requirements (excluded 5.3.3 Wi-Fi communication security)

TAICS TS-0015-2 Video Surveillance System Security Standard

-Part 2: IP Camera (excluded 5.3.3 Wi-Fi communication security)

IoT-2001-1 Video Surveillance System Security Standard

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IoT-2001-2 Video Surveillance System Security Standard

-Part 2: IP Camera (excluded 5.3.3 Wi-Fi communication security)

Approval Signatory: WANG, Yu-Jhao; YANG, Po-Hung

▀ 20. 21 Information Technology and Communication

Video Recorder

E013

Level 1

Level 2

Level 3

TAICS TS-0015-1 Video Surveillance System Security Test Specification-

Part 1: General Requirement (excluded 5.3.3 Wi-Fi communication security)

TAICS TS-0015-3 Video Surveillance System Security Test Specification-

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Approval Signatory: WANG, Yu-Jhao; YANG, Po-Hung

(Null below)

