



CERTIFICATE OF COMPLIANCE

Certificate N°: 2556 **Issue date:** June 16th, 2021
Applicant: Inhemeter Co., Ltd. **Issued to:** Inhemeter Co., Ltd.

8/F & 9/F, 1A, Software Park
Southern High-tech Zone,
Nanshan District
518054-Shenzhen
China

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The certified product listed below is eligible to bear the DLMS UA Mark shown



PRODUCT

Model: i100
Type: i100
Firmware ID: Id=HT2X-0A-19122101, Id=DKF3-0A-19123001, Id=DLMSLIB-V02.10

Mgmt LDN (SAP = 1): SAP = 1 is "49484D30303130313030303030313032"
(IHM0010100000102)

Manufacturer: INHEMETER CO.,LTD.

Media Identifiers: ABSTRACT, ELECTRICITY

CONFORMANCE SPECIFICATION

COSEM IF Classes and OBIS Codes: Blue Book Ed. 14
DLMS/COSEM Protocol: Green Book Ed. 10

TEST TOOL & SPEC.

Test Specification: Yellow Book Ed. 8
Test Tool Version: Standard 3.1
Test Tool Licensee: Inhemeter Co., Ltd.
COSEM Object definition file: Object_defs_v3.6_Released_20200825.dat
Communication profiles: TCP, HDLC

This Certificate of Compliance is based on an evaluation of a test report based on a single test executed on one specimen of the product, as identified by the Product data above. This Certificate is issued on the condition that the holder complies and will continue to comply with the requirement and procedures issued by DLMS UA.. The authenticity of the test report has been verified by the DLMS User Association and the equipment identified above is listed on its web site at: www.dlms.com.



CERTIFICATE OF COMPLIANCE

Test Report N°: 2556

Test File: 1P-i100 TCP CTT3.1 object3.6-20210525 tested with CTT 3.1 standard edition, release 108, update 3

* Identification *

```
Identification = {
  Manufacturer = "\INHEMETER CO.,LTD."
  FLAGid = "\IHM"
  Type = "\i100"
  ConfigurationId = "\ConfigurationId"
  SerialNr = "\999900000102"
  Comment = "\smart meter"
  Applicant = "\INHEMETER CO.,LTD."
}
```

* Summary *

TYPE	TOTAL	SKIPPED	INAPPLICABLE	INCONCLUSIVE	PASSED	FAILED
HDLC		All(Communication profile not HDLC)				
APPL	148	0	25	0	123	0
SecMsg	41	0	2	0	39	0
COSEM	12253	0	25	90	12138	0
SymKey	45	0	9	0	36	0
DP	0	0	0	0	0	0
GBT		All (No association with the required properties)				
PubCert	226	0	5	0	221	0
SecPol	41	0	18	0	23	0

Communication profile: TCP

Application context names: LONG_NAMES, LONG_NAMES_WITH_CIPHERING

Authentication mechanisms: NO_SECURITY, LOW_LEVEL_SECURITY, HIGH_LEVEL_SECURITY_GMAC

ACSE and xDLMS features: ACTION, GET, MULTIPLE_REFERENCES, RLRO_RLRE, SELECTIVE_ACCESS, SERVICE_SPECIFIC_BLOCK_TRANSFER, SET

Security features: GENERAL_CIPHERING_WITH_AGREED_ONE_PASS_DH, GENERAL_CIPHERING_WITH_AGREED_STATIC_UNIFIED, GENERAL_GLO_CIPHERING, GENERAL_SIGNING, SERVICE_SPECIFIC_DED_CIPHERING, SERVICE_SPECIFIC_GLO_CIPHERING, SUITE_1, SECURITY_ACTIVATE, KEY_TRANSFER, CERTIFICATES

Data protection features: (not collected)

Logical device(s) found: SAP = 1 is "49484D30303130313030303030313032" (IHM0010100000102)

Active firmware(s): Id=HT2X-0A-19122101 S=6017001B, Id=DKF3-0A-19123001 S=191D88C7, Id=DLMSLIB-V02.10 S=V02.10

COSEM classes tested: 1,3,4,5,6,7(1),8,9,11,15(3),17,18,20,21,22,27(1),28(2),29(2),40,41,42,43,44,45,47,48,64(1),70,71,72(1),74,111,112,113,115

COSEM classes found but not tested: (none)



CERTIFICATE OF COMPLIANCE

Test Report N°: 2556

Test File: 1P-i100 HDLC CTT3.1 object3.6-20210525 (3) tested with CTT 3.1 standard edition, release 108, update 3

* Identification *

```
Identification = {
  Manufacturer = "\INHEMETER CO.,LTD."
  FLAGid = "\IHM"
  Type = "\i100"
  ConfigurationId = "\ConfigurationId"
  SerialNr = "\999900000102"
  Comment = "\smart meter"
  Applicant = "\INHEMETER CO.,LTD."
}
```

* Summary *

TYPE	TOTAL	SKIPPED	INAPPLICABLE	INCONCLUSIVE	PASSED	FAILED
HDLC	34	0	5	0	29	0
APPL	148	0	25	0	123	0
SecMsg	41	0	2	0	39	0
COSEM	12307	0	25	90	12192	0
SymKey	45	0	9	0	36	0
DP	0	0	0	0	0	0
GBT		All (No association with the required properties)				
PubCert	226	0	5	0	221	0
SecPol	41	0	18	0	23	0

Communication profile: HDLC
Application context names: LONG_NAMES, LONG_NAMES_WITH_CIPHERING
Authentication mechanisms: NO_SECURITY, LOW_LEVEL_SECURITY, HIGH_LEVEL_SECURITY_GMAC
ACSE and xDLMS features: ACTION, GET, MULTIPLE_REFERENCES, RLRO_RLRE, SELECTIVE_ACCESS, SERVICE_SPECIFIC_BLOCK_TRANSFER, SET
Security features: GENERAL_CIPHERING_WITH_AGREED_ONE_PASS_DH, GENERAL_CIPHERING_WITH_AGREED_STATIC_UNIFIED, GENERAL_GLO_CIPHERING, GENERAL_SIGNING, SERVICE_SPECIFIC_DED_CIPHERING, SERVICE_SPECIFIC_GLO_CIPHERING, SUITE_1, SECURITY_ACTIVATE, KEY_TRANSFER, CERTIFICATES
Data protection features: (not collected)
Logical device(s) found: SAP = 1 is "49484D30303130313030303030313032" (IHM0010100000102)
Active firmware(s): Id=HT2X-0A-19122101 S=6017001B, Id=DKF3-0A-19123001 S=191D88C7, Id=DLMSLIB-V02.10 S=V02.10
COSEM classes tested: 1,3,4,5,6,7(1),8,9,11,15(3),17,18,20,21,22,23(1), 27(1),28(2),29(2),40,41,42,43,44,45,47,48, 64(1),70,71,72(1),74,111,112,113,115
COSEM classes found but not tested: (none)