



CERTIFICATE OF COMPLIANCE

Certificate N°:	2546	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		8/F & 9/F, 1A, Software Park Southern High-tech Zone, Nanshan District 518054-Shenzhen China

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



PRODUCT

Model: i320
Type: i320
Firmware ID: Id=i320-01-210320, Id=i3-IHM-21003202, Id=DLMSLIB-V02.10

Mgmt LDN (SAP = 1): SAP = 1 is "49484D3033313030303030303030313030"
(IHM0310000000100)

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: DIRECT_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°: 2546

Test File: 3P-i320_PL_C_HDLC_CTT3.1_object3.6-20210427 tested with CTT 3.1 standard edition, release 108, update 3

*** Identification ***

```

Identification = {
  Manufacturer = "\INHEMETER CO.,LTD."
  FLAGid = "\IHM"
  Type = "\i320"
  ConfigurationId = "\ConfigurationId"
  SerialNr = "\999900000100"
  Comment = "\ Three Phase Multi-Tariff Smart Meter"
  Applicant = "\INHEMETER CO.,LTD."
}
  
```

*** Summary ***

TYPE	TOTAL	SKIPPED	INAPPLICABLE	INCONCLUSIVE	PASSED	FAILED
HDLC	34	0	5	0	29	0
APPL	91	0	19	0	72	0
SecMsg	19	0	7	0	12	0
COSEM	4450	0	10	28	4412	0
SymKey	27	0	8	0	19	0
DP	0	0	0	0	0	0
GBT		All (No association with the required properties)				
PubCert		All (No ciphered association with the required properties)				
SecPol	10	0	4	0	6	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, RLRQ_RLRE, SELECTIVE_ACCESS, SERVICE_SPECIFIC_BLOCK_TRANSFER, SET
Security features: GENERAL_GLO_CIPHERING, SERVICE_SPECIFIC_DED_CIPHERING, SERVICE_SPECIFIC_GLO_CIPHERING, SUITE_0, SECURITY_ACTIVATE, KEY_TRANSFER
Data protection features: (not collected)
Logical device(s) found: SAP = 1 is "49484D303331303030303030303030303030303030" (IHM0310000000100)
Active firmware(s): Id=i320-01-210320 S=35B879A2, Id=i3-IHM-21003202 S=5C14B1A9, Id=DLMSLIB-V02.10 S=V02.10
COSEM classes tested: 1,3,4,5,7(1),8,9,11,15(1),17,18,20,21,22,23(1),27(1),40,47,64,70,71,111,113
COSEM classes found but not tested: (none)
  
```