



## CERTIFICATE OF COMPLIANCE

**Certificate N°:** 2798 **Issue date:** November 21st, 2022  
**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: i210  
Type: i210  
Firmware ID: Id=SK11-7A-20120901 S=235C6B66, Id=7F-EMU-19092901  
S=960ACD18, Id=DLMSLIB-V02.10 S=V02.10

Mgmt LDN (SAP = 1): SAP = 1 is "49484D31303230313930323231313039"  
(IHM1020190221109)

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: CTT 4.2  
Test Tool Licensee: Inhemeter Co., Ltd.  
COSEM Object definition file: Object\_defs\_v14.2\_Released\_220701.dat  
Communication profiles: HDLC, TCP

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](http://www.dlms.com).



# CERTIFICATE OF COMPLIANCE

**Certificate N°: 2798**

Test File: 1P-i210\_HDLC\_CTT4.2\_object14.2-20221113 tested with CTT 4.2, release 102

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**\* Identification \***

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Identification = {  
Manufacturer = "\INHEMETER CO.,LTD."  
FLAGid = "\IHM"  
Type = "\i210"  
SerialNr = "\037990221109"  
Applicant = "\ INHEMETER CO.,LTD."  
}

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**\* Summary \***

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TEST SUITE	TOTAL	PASSED	FAILED
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HDLC	31	31	0
APPL	140	140	0
SecMsg	56	56	0
COSEM	1497	1497	0
SymKey	24	24	0
PubCert	267	267	0
SecPol	32	32	0

Communication profile: HDLC  
Logical device(s) found: SAP = 1 is "49484D31303230313930323231313039" (IHM1020190221109)  
Active firmware(s): Id=SK11-7A-20120901 S=235C6B66  
Id=7F-EMU-19092901 S=960ACD18  
Id=DLMSLIB-V02.10 S=V02.10

Application context names: LONG\_NAMES, LONG\_NAMES\_WITH\_CIPHERING  
Authentication mechanisms: NO\_SECURITY, LOW\_LEVEL\_SECURITY  
HIGH\_LEVEL\_SECURITY\_GMAC, HIGH\_LEVEL\_SECURITY\_ECDSA

ACSE and xDLMS features: ACTION, GET, MULTIPLE\_REFERENCES, RLRQ\_RLRE  
SERVICE\_SPECIFIC\_BLOCK\_TRANSFER, SET  
PROFILE\_BUFFER\_SELECTIVE\_ACCESS\_BY\_RANGE  
PROFILE\_BUFFER\_SELECTIVE\_ACCESS\_BY\_ENTRY

Security features: GENERAL\_CIPHERING\_WITH\_WRAPPED\_KEY  
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

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),70,71,111,112,113,115



# CERTIFICATE OF COMPLIANCE

**Certificate N°: 2798**

Test File: 1P-i210\_TCP\_CTT4.2\_object14.2-20221113 tested with CTT 4.2, release 102

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**\* Identification \***

\*\*\*\*\*

Identification = {  
Manufacturer = "\INHEMETER CO.,LTD."  
FLAGid = "\IHM"  
Type = "\i210"  
SerialNr = "\037990221109"  
Applicant = "\ INHEMETER CO.,LTD."  
}

\*\*\*\*\*

**\* Summary \***

\*\*\*\*\*

TEST SUITE	TOTAL	PASSED	FAILED
APPL	140	140	0
SecMsg	56	56	0
COSEM	1488	1488	0
SymKey	24	24	0
PubCert	267	267	0
SecPol	32	32	0

Communication profile: TCP  
Logical device(s) found: SAP = 1 is "49484D31303230313930323231313039" (IHM1020190221109)  
Active firmware(s): Id=SK11-7A-20120901 S=235C6B66  
Id=7F-EMU-19092901 S=960ACD18  
Id=DLMSLIB-V02.10 S=V02.10

Application context names: LONG\_NAMES, LONG\_NAMES\_WITH\_CIPHERING  
Authentication mechanisms:NO\_SECURITY, LOW\_LEVEL\_SECURITY  
HIGH\_LEVEL\_SECURITY\_GMAC, HIGH\_LEVEL\_SECURITY\_ECDSA

ACSE and xDLMS features: ACTION, GET, MULTIPLE\_REFERENCES, RLRQ\_RLRE  
SERVICE\_SPECIFIC\_BLOCK\_TRANSFER, SET  
PROFILE\_BUFFER\_SELECTIVE\_ACCESS\_BY\_RANGE  
PROFILE\_BUFFER\_SELECTIVE\_ACCESS\_BY\_ENTRY

Security features:  
GENERAL\_CIPHERING\_WITH\_WRAPPED\_KEY  
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

COSEM classes tested: 1,3,4,5,6,7(1),8,9,11,15(3),17,18,19(1),20, 21,22,23(1),27(1),28(2),29(2),40,41,42,43  
44,45,47,48,64(1),70,71,111, 112,113,115