



## CERTIFICATE OF COMPLIANCE

<b>Certificate N°:</b>	2563	<b>Issue date:</b>	June 17th, 2021
<b>Applicant:</b>	LONGi Meter Co., Ltd.	<b>Issued to:</b>	LONGi Meter Co., Ltd.
	25 Guangming Road Xixia district 750021-Yinchuan China		25 Guangming Road Xixia district 750021-Yinchuan China

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



### PRODUCT

Model:	LGG160D
Type:	LGG160D
Firmware ID:	Id=LGG160D.008 V=NGLG160D01011N240510V2.00 S=05060427
Mgmt LDN (SAP = 1):	SAP = 1 is "4C4747313030303730303030303130" (LGG1000700000010)
Manufacturer:	LONGIMETER 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:	LONGi Meter Co., Ltd.
COSEM Object definition file:	Object_defs_v3.6_Released_20200825.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

Test Report N°: 2563

Test File: CTI-LN-HDLC-LGG160D tested with CTT 3.1 standard edition, release 108, update 3

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\* Identification \*

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```
Identification = {
  Applicant = "\LONGIMETER CO.,LTD."
  FLAGid = "\LGG"
  Manufacturer = "\LONGIMETER CO.,LTD."
  Type = "\LGG160D"
  SerialNr = "\0159000000103"
}
```

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\* Summary \*

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TYPE	TOTAL	SKIPPED	INAPPLICABLE	INCONCLUSIVE	PASSED	FAILED
HDLC	34	0	1	0	33	0
APPL	55	0	19	0	36	0
SecMsg		All (No ciphered association with the required properties)				
COSEM	2123	0	2	299	1822	0
SymKey		All (No ciphered association with the required properties)				
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		All (No ciphered association with the required properties)				

Communication profile: HDLC

Application context names: LONG\_NAMES

Authentication mechanisms: NO\_SECURITY,LOW\_LEVEL\_SECURITY

ACSE and xDLMS features: GET,SERVICE\_SPECIFIC\_BLOCK\_TRANSFER,SET

Security features: (not collected)

Data protection features: (not collected)

Logical device(s) found: SAP = 1 is "4C474731303030373030303030303130" (LGG1000700000010)

Active firmware(s): Id=LGG160D.008 V=NGLG160D01011N2405[100]10V2.00 S=05060427

COSEM classes tested: 1,3,4,5,7(1),8,9,11,15(1),17,19(1),20,23(1)  
27(1),29(2),41,42,43,45,47,70,115

COSEM classes found but not tested: (none)



# CERTIFICATE OF COMPLIANCE

Test Report N°: 2563

Test File: CTI-LN-MODE-E-LGG160D tested with CTT 3.1 standard edition, release 108, update 3

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\* Identification \*

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```
Identification = {  
  Applicant = "\\LONGIMETER CO.,LTD."  
  FLAGid = "\\LGG"  
  Manufacturer = "\\LONGIMETER CO.,LTD."  
  Type = "\\LGG160D"  
  SerialNr = "\\0159000000103"  
}
```

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\* Summary \*

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TYPE	TOTAL	SKIPPED	INAPPLICABLE	INCONCLUSIVE	PASSED	FAILED
HDLC		All(MODE_E)				
APPL	55	0	19	0	36	0
SecMsg		All (No ciphered association with the required properties)				
COSEM	2123	0	2	299	1822	0
SymKey		All (No ciphered association with the required properties)				
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		All (No ciphered association with the required properties)				

Communication profile: HDLC

Application context names: LONG\_NAMES

Authentication mechanisms: NO\_SECURITY,LOW\_LEVEL\_SECURITY

ACSE and xDLMS features: GET,SERVICE\_SPECIFIC\_BLOCK\_TRANSFER,SET

Security features: (not collected)

Data protection features: (not collected)

Logical device(s) found: SAP = 1 is "4C474731303030373030303030303130" (LGG1000700000010)

Active firmware(s): Id=LGG160D.008 V=NGLG160D01011N2405[100]10V2.00 S=05060427

COSEM classes tested: 1,3,4,5,7(1),8,9,11,15(1),17,19(1),20,23(1), 27(1),29(2),41,42,43,45,47,70,115

COSEM classes found but not tested: (none)



# CERTIFICATE OF COMPLIANCE

Test Report N°: 2563

Test File: CTI-LN-TCPIP-LGG160D tested with CTT 3.1 standard edition, release 108, update 3

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\* Identification \*

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Identification = {
Applicant = "\LONGIMETER CO.,LTD."
FLAGid = "\LGG"
Manufacturer = "\LONGIMETER CO.,LTD."
Type = "\LGG160D"
SerialNr = "\0159000000103"
}

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\* Summary \*

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Table with 7 columns: TYPE, TOTAL, SKIPPED, INAPPLICABLE, INCONCLUSIVE, PASSED, FAILED. Rows include HDLC, APPL, SecMsg, COSEM, SymKey, DP, GBT, PubCert, SecPol.

Communication profile: TCP
Application context names: LONG\_NAMES
Authentication mechanisms: NO\_SECURITY,LOW\_LEVEL\_SECURITY
ACSE and xDLMS features: GET, RLRQ\_RLRE, SERVICE\_SPECIFIC\_BLOCK\_TRANSFER,SET
Security features: (not collected)
Data protection features: (not collected)
Logical device(s) found: SAP = 1 is "4C474731303030373030303030303130" (LGG1000700000010)
Active firmware(s): Id=LGG160D.008 V=NGLG160D01011N2405[100]10V2.00 S=05060427
COSEM classes tested: 1,3,4,5,7(1),8,9,11,15(1),17,19(1),20,23(1),27(1),29(2),41,42,43,45,47,70,115
COSEM classes found but not tested: (none)