

# Final Interoperability Test Report

FIT #: **57**  
 Date: 18/05/2021  
 Location: DNV-GL, Arnhem, Netherlands  
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## APPLICANT

Company: Inhemeter Co., Ltd.

Address: 8/F & 9/F, 1A Software Park, Southern Hi-Tech Zone, Nanshan District, Shenzhen, China

## DEVICE

Device type	<b>I210</b>	
Type indication on MID certificate	MID Certificate No.	
I210	1065-21	
IDIS Specification reference	DNV-gl IDIS Certification run No	Digital signature of the test report.
Package 2 ed. 3.0	1428	BFC18D5882976F2087BC007B67CDC246
First certification	IDIS Label	Modular device
<input checked="" type="checkbox"/>	0065	<input checked="" type="checkbox"/>
General information about the device		

FIRMWARE VERSIONS TESTED				Final Interoperability Test No. 57
Firmware No.	Firmware ID1	Firmware ID2	Firmware ID3	Verdict
1	SKI1-7A-20121501	37412D454D552D3 1393039323930310 0	SPGR2-201025	Passed

\_\_\_\_\_  
Honeywell

\_\_\_\_\_  
Iskraemeco d.d.

\_\_\_\_\_  
Itron

\_\_\_\_\_  
Landis+Gyr AG

Fit #57

Device: Inhemeter i210

DNV-GL, Arnhem, Netherlands, 21.05.2021

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FIRMWARE VERSIONS HISTORY				Final Integration Test	
Firmware No.	Firmware ID1	Firmware ID2	Firmware ID3	No.	Verdict
1	SKI1-7A-20121501	37412D454D552D3 1393039323930310 0	SPGR2-201025	57	Passed

TEST REPORT - Firmware No. 1		
Test	Verdict	Remark
Connect and release	Passed	
All Device IDs	Passed	
COSEM logical device name	Passed	
SAP assignment	Passed	
FW version and signature	Passed	
All Device ID's	Passed	
Broadcast Date and time	Passed	
Broadcast Special Days Table	Passed	
Event logs	Passed	
Billing data period 1	Passed	
M-Bus Channel Setup	Passed	
M-Bus Results	Passed	
M-Bus Devices IDs	Passed	
M-Bus profiles	Passed	
M-Bus Load profiles	Passed	
M-Bus control logs	Passed	
M-Bus Disconnect log	Passed	
FIT Push	Passed	
FIT Miscellaneous	Passed	
Optical Port Connectivity	Passed	
Consumer Information Interface	Passed	
<b>FIT Conformance Test Report</b>		
<pre> ***** IDIS Conformance test report 18-MAY-2021 13:07:58 iCTT2 Package 2, Edition 2.0, Revision 1 (136) Licensed to: KEMA-IDIS Cert. Tester: Tom Levels *****  ***** * Identification * *****  Manufacturer = {   Name = '\Inhemeter co., Ltd'   ThreeLettersId = '\IHM' } DeviceUnderTest = {   Type = 'i210'   IDISDeviceType = 102   IDISFunctionType = [EXTENSION_D]   SerialNr = 90052146   IPVersion = IPV6   DataLinkLayer = G3   EUI64Address = '037990FFFE052146'   ConsumerInformationPush = FALSE   SMSSupported = FALSE   ClipCallSupported = FALSE }  Active firmware identifier (1-0:0.2.0.255) = \SKI1-7A-20121501 Active firmware identifier 1 (1-1:0.2.0.255) = 37412D454D552D313930393239303100 Active firmware identifier 2 (1-2:0.2.0.255) = \SPGR2-201025  ***** * Summary * *****  PASSED           70 FAILED           0 DISABLED         0 INAPPLICABLE    203 INCONCLUSIVE     0 FATAL           0 TOTAL           273 </pre>		

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*****
Test Case 1 : Connect and release, 4 item(s)
*****
(1) Connect Public PASSED
(2) Release Public PASSED
(3) Connect Management PASSED
(4) Release Management PASSED

*****
Test Case 2 : Read Device IDs, 12 item(s)
*****

Mngmt Get Device ID 1, manufacturing number 0-0:96.1.0.255 (@46)
(1) .logical_name PASSED
    <Data>
    <OctetString value="0000600100FF" />
    </Data>
(2) .value PASSED
    <Data>
    <OctetString value="\037990052146" />
    </Data>

Mngmt Get Device ID 2 0-0:96.1.1.255 (@50)
(3) .logical_name PASSED
    <Data>
    <OctetString value="0000600101FF" />
    </Data>
(4) .value PASSED
    <Data>
    <OctetString value="\INHE-SKI1-7A" />
    </Data>

Mngmt Get Device ID 3 0-0:96.1.2.255 (@54)
(5) .logical_name PASSED
    <Data>
    <OctetString value="0000600102FF" />
    </Data>
(6) .value PASSED
    <Data>
    <OctetString value="00" />
    </Data>

Mngmt Get Device ID 4 0-0:96.1.3.255 (@58)
(7) .logical_name PASSED
    <Data>
    <OctetString value="0000600103FF" />
    </Data>
(8) .value PASSED
    <Data>
    <OctetString value="00" />
    </Data>

Mngmt Get Device ID 5 0-0:96.1.4.255 (@62)
(9) .logical_name PASSED
    <Data>
    <OctetString value="0000600104FF" />
    </Data>
(10) .value PASSED
    <Data>
    <OctetString value="00" />
    </Data>

Mngmt Get Device ID 6, IDIS certification number 0-0:96.1.5.255 (@66)
(11) .logical_name PASSED
    <Data>
    <OctetString value="0000600105FF" />
    </Data>
(12) .value PASSED
    <Data>
    <OctetString value="\INHE" />
    </Data>

*****
Test Case 3 : Read COSEM Logical Device Name, 2 item(s)
*****

Mngmt Get COSEM logical device name 0-0:42.0.0.255 (@42)
(1) .logical_name PASSED
    <Data>
    <OctetString value="00002A0000FF" />
    </Data>
(2) .value PASSED
    <Data>

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    <OctetString value="\IHM1020190052146" />
  </Data>

*****
Test Case 4 : Read SAP Assignment, 2 item(s)
*****

Mngmt Get SAP Assignment 0-0:41.0.0.255 (@4)
(1) .logical_name PASSED
    <Data>
    <OctetString value="0000290000FF" />
    </Data>
(2) .SAP_assignment_list PASSED
    <Data>
    <Array Qty="0001" >
    <Structure Qty="0002" >
    <LongUnsigned value="0001" />
    <OctetString value="\IHM1020190052146" />
    </Structure>
    </Array>
    </Data>

*****
Test Case 5 : Read Active FW Version, 12 item(s)
*****

Mngmt Get Active firmware identifier 1-0:0.2.0.255 (@412)
(1) .logical_name PASSED
    <Data>
    <OctetString value="0100000200FF" />
    </Data>
(2) .value PASSED
    <Data>
    <OctetString value="\SKI1-7A-20121501" />
    </Data>

Mngmt Get Active firmware signature 1-0:0.2.8.255 (@416)
(3) .logical_name PASSED
    <Data>
    <OctetString value="0100000208FF" />
    </Data>
(4) .value PASSED
    <Data>
    <OctetString value="\A8CC3132" />
    </Data>

Mngmt Get Active firmware identifier 1 1-1:0.2.0.255 (@420)
(5) .logical_name PASSED
    <Data>
    <OctetString value="0101000200FF" />
    </Data>
(6) .value PASSED
    <Data>
    <OctetString value="37412D454D552D313930393239303100" />
    </Data>

Mngmt Get Active firmware signature 1 1-1:0.2.8.255 (@424)
(7) .logical_name PASSED
    <Data>
    <OctetString value="0101000208FF" />
    </Data>
(8) .value PASSED
    <Data>
    <OctetString value="\960ACD18" />
    </Data>

Mngmt Get Active firmware identifier 2 1-2:0.2.0.255 (@428)
(9) .logical_name PASSED
    <Data>
    <OctetString value="0102000200FF" />
    </Data>
(10) .value PASSED
    <Data>
    <OctetString value="\SPGR2-201025" />
    </Data>

Mngmt Get Active firmware signature 2 1-2:0.2.8.255 (@432)
(11) .logical_name PASSED
    <Data>
    <OctetString value="0102000208FF" />
    </Data>
(12) .value PASSED
    <Data>

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    <OctetString value="00000000000000000000000000000000" />
  </Data>

*****
Test Case 6 : Set Clock, 1 item(s)
*****

Pre Set Clock 0-0:1.0.0.255 (@75)
(1) .time
  <Data>
    <OctetString value="07E50512FF0E0000FF8000FF" />
  </Data>
  PASSED

*****
Test Case 7 : Get Clock, 1 item(s)
*****

Mngmt Get Clock 0-0:1.0.0.255 (@75)
(1) .time
  <Data>
    <OctetString value="07E50512020E000000800080" />
  </Data>
  PASSED

*****
Test Case 8 : Set Special Days, 1 item(s)
*****

Pre Set Special Days Table 0-0:11.0.0.255 (@125)
(1) .entries
  <Data>
    <Array Qty="001E" >
      <Structure Qty="0003" >
        <LongUnsigned value="0001" />
        <OctetString value="FFFF0101FF" />
        <Unsigned value="02" />
      </Structure>
      <Structure Qty="0003" >
        <LongUnsigned value="0002" />
        <OctetString value="FFFF0102FF" />
        <Unsigned value="02" />
      </Structure>
      <Structure Qty="0003" >
        <LongUnsigned value="0003" />
        <OctetString value="FFFF0103FF" />
        <Unsigned value="02" />
      </Structure>
      <Structure Qty="0003" >
        <LongUnsigned value="0004" />
        <OctetString value="FFFF0104FF" />
        <Unsigned value="02" />
      </Structure>
      <Structure Qty="0003" >
        <LongUnsigned value="0005" />
        <OctetString value="FFFF0105FF" />
        <Unsigned value="02" />
      </Structure>
      <Structure Qty="0003" >
        <LongUnsigned value="0006" />
        <OctetString value="FFFF0106FF" />
        <Unsigned value="02" />
      </Structure>
      <Structure Qty="0003" >
        <LongUnsigned value="0007" />
        <OctetString value="FFFF0107FF" />
        <Unsigned value="02" />
      </Structure>
      <Structure Qty="0003" >
        <LongUnsigned value="0008" />
        <OctetString value="FFFF0108FF" />
        <Unsigned value="02" />
      </Structure>
      <Structure Qty="0003" >
        <LongUnsigned value="0009" />
        <OctetString value="FFFF0109FF" />
        <Unsigned value="02" />
      </Structure>
      <Structure Qty="0003" >
        <LongUnsigned value="000A" />
        <OctetString value="FFFF010AFF" />
        <Unsigned value="02" />
      </Structure>
      <Structure Qty="0003" >
        <LongUnsigned value="000B" />

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    <OctetString Value="FFFF0201FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="000C" />
    <OctetString Value="FFFF0202FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="000D" />
    <OctetString Value="FFFF0203FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="000E" />
    <OctetString Value="FFFF0204FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="000F" />
    <OctetString Value="FFFF0205FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0010" />
    <OctetString Value="FFFF0206FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0011" />
    <OctetString Value="FFFF0207FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0012" />
    <OctetString Value="FFFF0208FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0013" />
    <OctetString Value="FFFF0209FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0014" />
    <OctetString Value="FFFF020AFF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0015" />
    <OctetString Value="FFFF0301FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0016" />
    <OctetString Value="FFFF0302FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0017" />
    <OctetString Value="FFFF0303FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0018" />
    <OctetString Value="FFFF0304FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0019" />
    <OctetString Value="FFFF0305FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="001A" />
    <OctetString Value="FFFF0306FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="001B" />
    <OctetString Value="FFFF0307FF" />
    <Unsigned Value="02" />
  </Structure>

```

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<Structure Qty="0003" >
  <LongUnsigned Value="001C" />
  <OctetString Value="FFFF0308FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="001D" />
  <OctetString Value="FFFF0309FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="001E" />
  <OctetString Value="FFFF030AFF" />
  <Unsigned Value="02" />
</Structure>
</Array>
</Data>

```

\*\*\*\*\*  
 Test Case 9 : Get Special Days, 1 item(s)  
 \*\*\*\*\*

Mngmt Get Special Days Table 0-0:11.0.0.255 (@125)  
 (1) .entries

PASSED

```

<Data>
  <Array Qty="001E" >
    <Structure Qty="0003" >
      <LongUnsigned Value="0001" />
      <OctetString Value="FFFF0101FF" />
      <Unsigned Value="02" />
    </Structure>
    <Structure Qty="0003" >
      <LongUnsigned Value="0002" />
      <OctetString Value="FFFF0102FF" />
      <Unsigned Value="02" />
    </Structure>
    <Structure Qty="0003" >
      <LongUnsigned Value="0003" />
      <OctetString Value="FFFF0103FF" />
      <Unsigned Value="02" />
    </Structure>
    <Structure Qty="0003" >
      <LongUnsigned Value="0004" />
      <OctetString Value="FFFF0104FF" />
      <Unsigned Value="02" />
    </Structure>
    <Structure Qty="0003" >
      <LongUnsigned Value="0005" />
      <OctetString Value="FFFF0105FF" />
      <Unsigned Value="02" />
    </Structure>
    <Structure Qty="0003" >
      <LongUnsigned Value="0006" />
      <OctetString Value="FFFF0106FF" />
      <Unsigned Value="02" />
    </Structure>
    <Structure Qty="0003" >
      <LongUnsigned Value="0007" />
      <OctetString Value="FFFF0107FF" />
      <Unsigned Value="02" />
    </Structure>
    <Structure Qty="0003" >
      <LongUnsigned Value="0008" />
      <OctetString Value="FFFF0108FF" />
      <Unsigned Value="02" />
    </Structure>
    <Structure Qty="0003" >
      <LongUnsigned Value="0009" />
      <OctetString Value="FFFF0109FF" />
      <Unsigned Value="02" />
    </Structure>
    <Structure Qty="0003" >
      <LongUnsigned Value="000A" />
      <OctetString Value="FFFF010AFF" />
      <Unsigned Value="02" />
    </Structure>
    <Structure Qty="0003" >
      <LongUnsigned Value="000B" />
      <OctetString Value="FFFF0201FF" />
      <Unsigned Value="02" />
    </Structure>
    <Structure Qty="0003" >
      <LongUnsigned Value="000C" />

```



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    <OctetString Value="FFFF0202FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="000D" />
    <OctetString Value="FFFF0203FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="000E" />
    <OctetString Value="FFFF0204FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="000F" />
    <OctetString Value="FFFF0205FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0010" />
    <OctetString Value="FFFF0206FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0011" />
    <OctetString Value="FFFF0207FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0012" />
    <OctetString Value="FFFF0208FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0013" />
    <OctetString Value="FFFF0209FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0014" />
    <OctetString Value="FFFF020AFF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0015" />
    <OctetString Value="FFFF0301FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0016" />
    <OctetString Value="FFFF0302FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0017" />
    <OctetString Value="FFFF0303FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0018" />
    <OctetString Value="FFFF0304FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="0019" />
    <OctetString Value="FFFF0305FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="001A" />
    <OctetString Value="FFFF0306FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="001B" />
    <OctetString Value="FFFF0307FF" />
    <Unsigned Value="02" />
  </Structure>
  <Structure Qty="0003" >
    <LongUnsigned Value="001C" />
    <OctetString Value="FFFF0308FF" />
    <Unsigned Value="02" />
  </Structure>

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<Structure Qty="0003" >
  <LongUnsigned Value="001D" />
  <OctetString Value="FFFF0309FF" />
  <Unsigned Value="02" />
</Structure>
<Structure Qty="0003" >
  <LongUnsigned Value="001E" />
  <OctetString Value="FFFF030AFF" />
  <Unsigned Value="02" />
</Structure>
</Array>
</Data>

*****
Test Case 10 : Read Event Log Buffers, 20 item(s)
*****

Mngmt Get Disconnecter Control Log 0-0:99.98.2.255 (@193)
(1) .logical_name PASSED
  <Data>
  <OctetString Value="0000636202FF" />
  </Data>
(2) .buffer PASSED
  Earliest date: 18-MAY-2021 11:29:45, latest date: 18-MAY-2021 11:31:08
  Middle date: 18-MAY-2021 11:31:00
(3) .entries_in_use PASSED
  <Data>
  <DoubleLongUnsigned Value="00000005" />
  </Data>
(4) .profile_entries PASSED
  <Data>
  <DoubleLongUnsigned Value="00000064" />
  </Data>

Mngmt Get Standard Event Log 0-0:99.98.0.255 (@301)
(5) .logical_name PASSED
  <Data>
  <OctetString Value="0000636200FF" />
  </Data>
(6) .buffer PASSED
  Earliest date: 18-MAY-2021 11:48:45, latest date: 18-MAY-2021 14:00:01
  Middle date: 18-MAY-2021 12:18:13
(7) .entries_in_use PASSED
  <Data>
  <DoubleLongUnsigned Value="0000000c" />
  </Data>
(8) .profile_entries PASSED
  <Data>
  <DoubleLongUnsigned Value="000003E8" />
  </Data>

Mngmt Get Fraud Detection Log 0-0:99.98.1.255 (@316)
(9) .logical_name PASSED
  <Data>
  <Octetstring Value="0000636201FF" />
  </Data>
(10) .buffer PASSED
  Earliest date: 18-MAY-2021 11:29:46, latest date: 18-MAY-2021 11:33:07
  Middle date: 18-MAY-2021 11:32:15
(11) .entries_in_use PASSED
  <Data>
  <DoubleLongUnsigned Value="00000005" />
  </Data>
(12) .profile_entries PASSED
  <Data>
  <DoubleLongUnsigned Value="00000064" />
  </Data>

Mngmt Get Communication Log 0-0:99.98.5.255 (@331)
(13) .logical_name PASSED
  <Data>
  <OctetString Value="0000636205FF" />
  </Data>
(14) .buffer PASSED
  Earliest date: 18-MAY-2021 11:48:46, latest date: 18-MAY-2021 12:18:13
  Middle date: 18-MAY-2021 11:51:07
(15) .entries_in_use PASSED
  <Data>
  <DoubleLongUnsigned Value="00000007" />
  </Data>
(16) .profile_entries PASSED
  <Data>
  <DoubleLongUnsigned Value="00000064" />
  </Data>

```

</Data>	
Mngmt Get Power Quality Log 0-0:99.98.4.255 (@1340)	
(17) .logical_name	PASSED
<Data>	
<OctetString value="0000636204FF" />	
</Data>	
(18) .buffer	PASSED
Earliest date: 18-MAY-2021 11:29:48, latest date: 18-MAY-2021 11:30:42	
Middle date: 18-MAY-2021 11:30:24	
(19) .entries_in_use	PASSED
<Data>	
<DoubleLongUnsigned value="00000005" />	
</Data>	
(20) .profile_entries	PASSED
<Data>	
<DoubleLongUnsigned value="000000c8" />	
</Data>	
*****	
Test Case 11 : Reading Data of Billing Period 1, 8 item(s)	
*****	
Mngmt Get Data of billing period 1 0-0:98.1.0.255 (@158)	
(1) .logical_name	PASSED
<Data>	
<OctetString value="0000620100FF" />	
</Data>	
(2) .buffer	PASSED
Earliest date: 13-MAY-2021 00:00:00, latest date: 18-MAY-2021 00:00:00	
Middle date: 16-MAY-2021 00:00:00	
(3) .capture_objects	PASSED
<Data>	
<Array Qty="0005" >	
<Structure Qty="0004" >	
<LongUnsigned value="0008" />	
<OctetString value="0000010000FF" />	
<Integer value="02" />	
<LongUnsigned value="0000" />	
</Structure>	
<Structure Qty="0004" >	
<LongUnsigned value="0003" />	
<OctetString value="0100010801FF" />	
<Integer value="02" />	
<LongUnsigned value="0000" />	
</Structure>	
<Structure Qty="0004" >	
<LongUnsigned value="0003" />	
<OctetString value="0100010802FF" />	
<Integer value="02" />	
<LongUnsigned value="0000" />	
</Structure>	
<Structure Qty="0004" >	
<LongUnsigned value="0003" />	
<OctetString value="0100020801FF" />	
<Integer value="02" />	
<LongUnsigned value="0000" />	
</Structure>	
<Structure Qty="0004" >	
<LongUnsigned value="0003" />	
<OctetString value="0100020802FF" />	
<Integer value="02" />	
<LongUnsigned value="0000" />	
</Structure>	
</Array>	
</Data>	
(4) .capture_period	PASSED
<Data>	
<DoubleLongUnsigned value="00000000" />	
</Data>	
(5) .sort_method	PASSED
<Data>	
<Enum value="01" />	
</Data>	
(6) .sort_object	PASSED
<Data>	
<Structure Qty="0004" >	
<LongUnsigned value="0000" />	
<OctetString value="000000000000" />	
<Integer value="00" />	
<LongUnsigned value="0000" />	
</Structure>	
</Data>	

(7) .entries_in_use	PASSED
<Data>	
<DoubleLongUnsigned value="00000006" />	
</Data>	
(8) .profile_entries	PASSED
<Data>	
<DoubleLongUnsigned value="000000F0" />	
</Data>	
*****	
Test Case 12 : Ext. M - M-Bus Setup LGZ G350, 52 item(s)	
*****	
Mngmt Get M-Bus master port setup 1 0-0:24.6.0.255 (@1566)	
(1) .logical_name	
INAPPLICABLE	Object is not required according to OM and/or extensions
(2) .comm_speed	
INAPPLICABLE	Object is not required according to OM and/or extensions
Mngmt Get M-Bus master port setup 2 0-1:24.6.0.255 (@1570)	
(3) .logical_name	
INAPPLICABLE	Optional object is not implemented
(4) .comm_speed	
INAPPLICABLE	Optional object is not implemented
Mngmt Get M-Bus client channel 1 0-1:24.1.0.255 (@1574)	
(5) .logical_name	
INAPPLICABLE	Object is not required according to OM and/or extensions
(6) .mbus_port_reference	
INAPPLICABLE	Object is not required according to OM and/or extensions
(7) .capture_definition	
INAPPLICABLE	Object is not required according to OM and/or extensions
(8) .capture_period	
INAPPLICABLE	Object is not required according to OM and/or extensions
(9) .primary_address	
INAPPLICABLE	Object is not required according to OM and/or extensions
(10) .identification_number	
INAPPLICABLE	Object is not required according to OM and/or extensions
(11) .manufacturer_id	
INAPPLICABLE	Object is not required according to OM and/or extensions
(12) .version	
INAPPLICABLE	Object is not required according to OM and/or extensions
(13) .device_type	
INAPPLICABLE	Object is not required according to OM and/or extensions
(14) .access_number	
INAPPLICABLE	Object is not required according to OM and/or extensions
(15) .status	
INAPPLICABLE	Object is not required according to OM and/or extensions
(16) .alarm	
INAPPLICABLE	Object is not required according to OM and/or extensions
Mngmt Get M-Bus client channel 2 0-2:24.1.0.255 (@1596)	
(17) .logical_name	
INAPPLICABLE	Object is not required according to OM and/or extensions
(18) .mbus_port_reference	
INAPPLICABLE	Object is not required according to OM and/or extensions
(19) .capture_definition	
INAPPLICABLE	Object is not required according to OM and/or extensions
(20) .capture_period	
INAPPLICABLE	Object is not required according to OM and/or extensions
(21) .primary_address	
INAPPLICABLE	Object is not required according to OM and/or extensions

```

(22) .identification_number
INAPPLICABLE
    Object is not required according to OM and/or extensions
(23) .manufacturer_id
INAPPLICABLE
    Object is not required according to OM and/or extensions
(24) .version
INAPPLICABLE
    Object is not required according to OM and/or extensions
(25) .device_type
INAPPLICABLE
    Object is not required according to OM and/or extensions
(26) .access_number
INAPPLICABLE
    Object is not required according to OM and/or extensions
(27) .status
INAPPLICABLE
    Object is not required according to OM and/or extensions
(28) .alarm
INAPPLICABLE
    Object is not required according to OM and/or extensions

Mngmt Get M-Bus client channel 3 0-3:24.1.0.255 (@1618)
(29) .logical_name
INAPPLICABLE
    Object is not required according to OM and/or extensions
(30) .mbus_port_reference
INAPPLICABLE
    Object is not required according to OM and/or extensions
(31) .capture_definition
INAPPLICABLE
    Object is not required according to OM and/or extensions
(32) .capture_period
INAPPLICABLE
    Object is not required according to OM and/or extensions
(33) .primary_address
INAPPLICABLE
    Object is not required according to OM and/or extensions
(34) .identification_number
INAPPLICABLE
    Object is not required according to OM and/or extensions
(35) .manufacturer_id
INAPPLICABLE
    Object is not required according to OM and/or extensions
(36) .version
INAPPLICABLE
    Object is not required according to OM and/or extensions
(37) .device_type
INAPPLICABLE
    Object is not required according to OM and/or extensions
(38) .access_number
INAPPLICABLE
    Object is not required according to OM and/or extensions
(39) .status
INAPPLICABLE
    Object is not required according to OM and/or extensions
(40) .alarm
INAPPLICABLE
    Object is not required according to OM and/or extensions

Mngmt Get M-Bus client channel 4 0-4:24.1.0.255 (@1640)
(41) .logical_name
INAPPLICABLE
    Object is not required according to OM and/or extensions
(42) .mbus_port_reference
INAPPLICABLE
    Object is not required according to OM and/or extensions
(43) .capture_definition
INAPPLICABLE
    Object is not required according to OM and/or extensions
(44) .capture_period
INAPPLICABLE
    Object is not required according to OM and/or extensions
(45) .primary_address
INAPPLICABLE
    Object is not required according to OM and/or extensions
(46) .identification_number
INAPPLICABLE
    Object is not required according to OM and/or extensions
(47) .manufacturer_id
INAPPLICABLE
    Object is not required according to OM and/or extensions

```

```

(48) .version
INAPPLICABLE
Object is not required according to OM and/or extensions
(49) .device_type
INAPPLICABLE
Object is not required according to OM and/or extensions
(50) .access_number
INAPPLICABLE
Object is not required according to OM and/or extensions
(51) .status
INAPPLICABLE
Object is not required according to OM and/or extensions
(52) .alarm
INAPPLICABLE
Object is not required according to OM and/or extensions

*****
Test Case 13 : Ext. M - M-Bus Results uncorrected Vol. & valve, 40 item(s)
*****

Mngmt Get M-Bus Value channel 1, instance 1 0-1:24.2.1.255 (@1662)
(1) .logical_name
INAPPLICABLE
Object is not required according to OM and/or extensions
(2) .value
INAPPLICABLE
Object is not required according to OM and/or extensions
(3) .scaler_unit
INAPPLICABLE
Object is not required according to OM and/or extensions
(4) .status
INAPPLICABLE
Object is not required according to OM and/or extensions
(5) .capture_time
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Get M-Bus Value channel 1, instance 2 0-1:24.2.2.255 (@1670)
(6) .logical_name
INAPPLICABLE
Object is not required according to OM and/or extensions
(7) .value
INAPPLICABLE
Object is not required according to OM and/or extensions
(8) .scaler_unit
INAPPLICABLE
Object is not required according to OM and/or extensions
(9) .status
INAPPLICABLE
Object is not required according to OM and/or extensions
(10) .capture_time
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Get M-Bus Value channel 2, instance 1 0-2:24.2.1.255 (@1694)
(11) .logical_name
INAPPLICABLE
Object is not required according to OM and/or extensions
(12) .value
INAPPLICABLE
Object is not required according to OM and/or extensions
(13) .scaler_unit
INAPPLICABLE
Object is not required according to OM and/or extensions
(14) .status
INAPPLICABLE
Object is not required according to OM and/or extensions
(15) .capture_time
INAPPLICABLE
Object is not required according to OM and/or extensions

Mngmt Get M-Bus Value channel 2, instance 2 0-2:24.2.2.255 (@1702)
(16) .logical_name
INAPPLICABLE
Object is not required according to OM and/or extensions
(17) .value
INAPPLICABLE
Object is not required according to OM and/or extensions
(18) .scaler_unit
INAPPLICABLE
Object is not required according to OM and/or extensions
(19) .status
INAPPLICABLE

```

```

    object is not required according to OM and/or extensions
    (20) .capture_time
INAPPLICABLE
    object is not required according to OM and/or extensions

    Mngmt Get M-Bus Value channel 3, instance 1 0-3:24.2.1.255 (@1726)
    (21) .logical_name
INAPPLICABLE
    object is not required according to OM and/or extensions
    (22) .value
INAPPLICABLE
    object is not required according to OM and/or extensions
    (23) .scaler_unit
INAPPLICABLE
    object is not required according to OM and/or extensions
    (24) .status
INAPPLICABLE
    object is not required according to OM and/or extensions
    (25) .capture_time
INAPPLICABLE
    object is not required according to OM and/or extensions

    Mngmt Get M-Bus Value channel 3, instance 2 0-3:24.2.2.255 (@1734)
    (26) .logical_name
INAPPLICABLE
    object is not required according to OM and/or extensions
    (27) .value
INAPPLICABLE
    object is not required according to OM and/or extensions
    (28) .scaler_unit
INAPPLICABLE
    object is not required according to OM and/or extensions
    (29) .status
INAPPLICABLE
    object is not required according to OM and/or extensions
    (30) .capture_time
INAPPLICABLE
    object is not required according to OM and/or extensions

    Mngmt Get M-Bus Value channel 4, instance 1 0-4:24.2.1.255 (@1758)
    (31) .logical_name
INAPPLICABLE
    object is not required according to OM and/or extensions
    (32) .value
INAPPLICABLE
    object is not required according to OM and/or extensions
    (33) .scaler_unit
INAPPLICABLE
    object is not required according to OM and/or extensions
    (34) .status
INAPPLICABLE
    object is not required according to OM and/or extensions
    (35) .capture_time
INAPPLICABLE
    object is not required according to OM and/or extensions

    Mngmt Get M-Bus Value channel 4, instance 2 0-4:24.2.2.255 (@1766)
    (36) .logical_name
INAPPLICABLE
    object is not required according to OM and/or extensions
    (37) .value
INAPPLICABLE
    object is not required according to OM and/or extensions
    (38) .scaler_unit
INAPPLICABLE
    object is not required according to OM and/or extensions
    (39) .status
INAPPLICABLE
    object is not required according to OM and/or extensions
    (40) .capture_time
INAPPLICABLE
    object is not required according to OM and/or extensions

*****
Test Case 14 : Ext. M - M-Bus Device IDs, 16 item(s)
*****

    Mngmt Get M-Bus Device ID 1 channel 1 0-1:96.1.0.255 (@1790)
    (1) .logical_name
INAPPLICABLE
    object is not required according to OM and/or extensions
    (2) .value
INAPPLICABLE

```



```

    object is not required according to OM and/or extensions
Mngmt Get M-Bus Device ID 1 channel 2 0-2:96.1.0.255 (@1794)
(3) .logical_name
INAPPLICABLE
    object is not required according to OM and/or extensions
(4) .value
INAPPLICABLE
    object is not required according to OM and/or extensions
Mngmt Get M-Bus Device ID 1 channel 3 0-3:96.1.0.255 (@1798)
(5) .logical_name
INAPPLICABLE
    object is not required according to OM and/or extensions
(6) .value
INAPPLICABLE
    object is not required according to OM and/or extensions
Mngmt Get M-Bus Device ID 1 channel 4 0-4:96.1.0.255 (@1802)
(7) .logical_name
INAPPLICABLE
    object is not required according to OM and/or extensions
(8) .value
INAPPLICABLE
    object is not required according to OM and/or extensions
Mngmt Get M-Bus Device ID 2 channel 1 0-1:96.1.1.255 (@1806)
(9) .logical_name
INAPPLICABLE
    object is not required according to OM and/or extensions
(10) .value
INAPPLICABLE
    object is not required according to OM and/or extensions
Mngmt Get M-Bus Device ID 2 channel 2 0-2:96.1.1.255 (@1810)
(11) .logical_name
INAPPLICABLE
    object is not required according to OM and/or extensions
(12) .value
INAPPLICABLE
    object is not required according to OM and/or extensions
Mngmt Get M-Bus Device ID 2 channel 3 0-3:96.1.1.255 (@1814)
(13) .logical_name
INAPPLICABLE
    object is not required according to OM and/or extensions
(14) .value
INAPPLICABLE
    object is not required according to OM and/or extensions
Mngmt Get M-Bus Device ID 2 channel 4 0-4:96.1.1.255 (@1818)
(15) .logical_name
INAPPLICABLE
    object is not required according to OM and/or extensions
(16) .value
INAPPLICABLE
    object is not required according to OM and/or extensions
*****
Test Case 15 : Ext. M - M-Bus Load Profiles, 32 item(s)
*****
Mngmt Get M-Bus Master Load profile for channel 1 0-1:24.3.0.255 (@1838)
(1) .logical_name
INAPPLICABLE
    object is not required according to OM and/or extensions
(2) .buffer
INAPPLICABLE
    object is not required according to OM and/or extensions
(3) .capture_objects
INAPPLICABLE
    object is not required according to OM and/or extensions
(4) .capture_period
INAPPLICABLE
    object is not required according to OM and/or extensions
(5) .sort_method
INAPPLICABLE
    object is not required according to OM and/or extensions
(6) .sort_object
INAPPLICABLE
    object is not required according to OM and/or extensions
(7) .entries_in_use
INAPPLICABLE

```



```

    object is not required according to OM and/or extensions
    (8) .profile_entries
INAPPLICABLE
    object is not required according to OM and/or extensions

    Mngmt Get M-Bus Master Load profile for channel 2 0-2:24.3.0.255 (@1849)
    (9) .logical_name
INAPPLICABLE
    object is not required according to OM and/or extensions
    (10) .buffer
INAPPLICABLE
    object is not required according to OM and/or extensions
    (11) .capture_objects
INAPPLICABLE
    object is not required according to OM and/or extensions
    (12) .capture_period
INAPPLICABLE
    object is not required according to OM and/or extensions
    (13) .sort_method
INAPPLICABLE
    object is not required according to OM and/or extensions
    (14) .sort_object
INAPPLICABLE
    object is not required according to OM and/or extensions
    (15) .entries_in_use
INAPPLICABLE
    object is not required according to OM and/or extensions
    (16) .profile_entries
INAPPLICABLE
    object is not required according to OM and/or extensions

    Mngmt Get M-Bus Master Load profile for channel 3 0-3:24.3.0.255 (@1860)
    (17) .logical_name
INAPPLICABLE
    object is not required according to OM and/or extensions
    (18) .buffer
INAPPLICABLE
    object is not required according to OM and/or extensions
    (19) .capture_objects
INAPPLICABLE
    object is not required according to OM and/or extensions
    (20) .capture_period
INAPPLICABLE
    object is not required according to OM and/or extensions
    (21) .sort_method
INAPPLICABLE
    object is not required according to OM and/or extensions
    (22) .sort_object
INAPPLICABLE
    object is not required according to OM and/or extensions
    (23) .entries_in_use
INAPPLICABLE
    object is not required according to OM and/or extensions
    (24) .profile_entries
INAPPLICABLE
    object is not required according to OM and/or extensions

    Mngmt Get M-Bus Master Load profile for channel 4 0-4:24.3.0.255 (@1871)
    (25) .logical_name
INAPPLICABLE
    object is not required according to OM and/or extensions
    (26) .buffer
INAPPLICABLE
    object is not required according to OM and/or extensions
    (27) .capture_objects
INAPPLICABLE
    object is not required according to OM and/or extensions
    (28) .capture_period
INAPPLICABLE
    object is not required according to OM and/or extensions
    (29) .sort_method
INAPPLICABLE
    object is not required according to OM and/or extensions
    (30) .sort_object
INAPPLICABLE
    object is not required according to OM and/or extensions
    (31) .entries_in_use
INAPPLICABLE
    object is not required according to OM and/or extensions
    (32) .profile_entries
INAPPLICABLE
    object is not required according to OM and/or extensions

```

```

*****
Test Case 16 : Ext. M - M-Bus Control Logs, 40 item(s)
*****

Mngmt Get M-Bus Master Control log object 1 0-1:24.5.0.255 (@1941)
(1) .logical_name
INAPPLICABLE
    object is not required according to OM and/or extensions
(2) .buffer
INAPPLICABLE
    object is not required according to OM and/or extensions
(3) .capture_objects
INAPPLICABLE
    object is not required according to OM and/or extensions
(4) .capture_period
INAPPLICABLE
    object is not required according to OM and/or extensions
(5) .sort_method
INAPPLICABLE
    object is not required according to OM and/or extensions
(6) .sort_object
INAPPLICABLE
    object is not required according to OM and/or extensions
(7) .entries_in_use
INAPPLICABLE
    object is not required according to OM and/or extensions
(8) .profile_entries
INAPPLICABLE
    object is not required according to OM and/or extensions

Mngmt Get M-Bus Master Control log object 2 0-2:24.5.0.255 (@1952)
(9) .logical_name
INAPPLICABLE
    object is not required according to OM and/or extensions
(10) .buffer
INAPPLICABLE
    object is not required according to OM and/or extensions
(11) .capture_objects
INAPPLICABLE
    object is not required according to OM and/or extensions
(12) .capture_period
INAPPLICABLE
    object is not required according to OM and/or extensions
(13) .sort_method
INAPPLICABLE
    object is not required according to OM and/or extensions
(14) .sort_object
INAPPLICABLE
    object is not required according to OM and/or extensions
(15) .entries_in_use
INAPPLICABLE
    object is not required according to OM and/or extensions
(16) .profile_entries
INAPPLICABLE
    object is not required according to OM and/or extensions

Mngmt Get M-Bus Master Control log object 3 0-3:24.5.0.255 (@1963)
(17) .logical_name
INAPPLICABLE
    object is not required according to OM and/or extensions
(18) .buffer
INAPPLICABLE
    object is not required according to OM and/or extensions
(19) .capture_objects
INAPPLICABLE
    object is not required according to OM and/or extensions
(20) .capture_period
INAPPLICABLE
    object is not required according to OM and/or extensions
(21) .sort_method
INAPPLICABLE
    object is not required according to OM and/or extensions
(22) .sort_object
INAPPLICABLE
    object is not required according to OM and/or extensions
(23) .entries_in_use
INAPPLICABLE
    object is not required according to OM and/or extensions
(24) .profile_entries
INAPPLICABLE
    object is not required according to OM and/or extensions

Mngmt Get M-Bus Master Control log object 4 0-4:24.5.0.255 (@1974)

```

(25) *.logical\_name*  
 INAPPLICABLE  
*Object is not required according to OM and/or extensions*  
 (26) *.buffer*  
 INAPPLICABLE  
*Object is not required according to OM and/or extensions*  
 (27) *.capture\_objects*  
 INAPPLICABLE  
*Object is not required according to OM and/or extensions*  
 (28) *.capture\_period*  
 INAPPLICABLE  
*Object is not required according to OM and/or extensions*  
 (29) *.sort\_method*  
 INAPPLICABLE  
*Object is not required according to OM and/or extensions*  
 (30) *.sort\_object*  
 INAPPLICABLE  
*Object is not required according to OM and/or extensions*  
 (31) *.entries\_in\_use*  
 INAPPLICABLE  
*Object is not required according to OM and/or extensions*  
 (32) *.profile\_entries*  
 INAPPLICABLE  
*Object is not required according to OM and/or extensions*

Mngmt Get M-Bus Event Log 0-0:99.98.3.255 (@1989)

(33) *.logical\_name*  
 INAPPLICABLE  
*Object is not required according to OM and/or extensions*  
 (34) *.buffer*  
 INAPPLICABLE  
*Object is not required according to OM and/or extensions*  
 (35) *.capture\_objects*  
 INAPPLICABLE  
*Object is not required according to OM and/or extensions*  
 (36) *.capture\_period*  
 INAPPLICABLE  
*Object is not required according to OM and/or extensions*  
 (37) *.sort\_method*  
 INAPPLICABLE  
*Object is not required according to OM and/or extensions*  
 (38) *.sort\_object*  
 INAPPLICABLE  
*Object is not required according to OM and/or extensions*  
 (39) *.entries\_in\_use*  
 INAPPLICABLE  
*Object is not required according to OM and/or extensions*  
 (40) *.profile\_entries*  
 INAPPLICABLE  
*Object is not required according to OM and/or extensions*

\*\*\*\*\*  
 Test Case 17 : Ext. M - M-Bus Disconnect, 22 item(s)  
 \*\*\*\*\*

Mngmt Get M-Bus Master Disconnect control object 1 0-1:24.4.0.255 (@1882)

(1) *.logical\_name*  
 INAPPLICABLE  
*Object is not required according to OM and/or extensions*  
 (2) *.output\_state*  
 INAPPLICABLE  
*Object is not required according to OM and/or extensions*  
 (3) *.control\_state*  
 INAPPLICABLE  
*Object is not required according to OM and/or extensions*  
 (4) *.control\_mode*  
 INAPPLICABLE  
*Object is not required according to OM and/or extensions*

Mngmt Get M-Bus Master Disconnect control object 2 0-2:24.4.0.255 (@1890)

(5) *.logical\_name*  
 INAPPLICABLE  
*Object is not required according to OM and/or extensions*  
 (6) *.output\_state*  
 INAPPLICABLE  
*Object is not required according to OM and/or extensions*  
 (7) *.control\_state*  
 INAPPLICABLE  
*Object is not required according to OM and/or extensions*  
 (8) *.control\_mode*  
 INAPPLICABLE  
*Object is not required according to OM and/or extensions*

```

Mngmt Get M-Bus Master Disconnect control object 3 0-3:24.4.0.255 (@1898)
(9) .logical_name
INAPPLICABLE
    Object is not required according to OM and/or extensions
(10) .output_state
INAPPLICABLE
    Object is not required according to OM and/or extensions
(11) .control_state
INAPPLICABLE
    Object is not required according to OM and/or extensions
(12) .control_mode
INAPPLICABLE
    Object is not required according to OM and/or extensions

Mngmt Get M-Bus Master Disconnect control object 4 0-4:24.4.0.255 (@1906)
(13) .logical_name
INAPPLICABLE
    Object is not required according to OM and/or extensions
(14) .output_state
INAPPLICABLE
    Object is not required according to OM and/or extensions
(15) .control_state
INAPPLICABLE
    Object is not required according to OM and/or extensions
(16) .control_mode
INAPPLICABLE
    Object is not required according to OM and/or extensions

Mngmt Get M-Bus Disconnect control scheduler 0-1:15.0.1.255 (@1914)
(17) .logical_name
INAPPLICABLE
    Object is not required according to OM and/or extensions
(18) .executed_script
INAPPLICABLE
    Object is not required according to OM and/or extensions
(19) .type
INAPPLICABLE
    Object is not required according to OM and/or extensions
(20) .execution_time
INAPPLICABLE
    Object is not required according to OM and/or extensions

Mngmt Get M-Bus Disconnect script table 0-1:10.0.106.255 (@1920)
(21) .logical_name
INAPPLICABLE
    Object is not required according to OM and/or extensions
(22) .scripts
INAPPLICABLE
    Object is not required according to OM and/or extensions

*****
Test Case 18 : FIT Push, 3 item(s)
*****
(1) Push on installation
(2) Push on alarm
(3) Push on power down
INAPPLICABLE
    Push setup on power down not available

*****
Test Case 19 : FIT Miscellaneous, 4 item(s)
*****
(1) Disconnecter Script Table
(2) Load profile with period 1 DST ambiguity
(3) Load profile power down withing one period
(4) Load profile power down over two periods

*****
* CTI *
*****

//*****
//* CTI Inhemeter GPRS *
//*****

// Conformance Test Information (CTI) Template
// 2.3

Manufacturer = {
    Name = '\Inhemeter co., Ltd'
    ThreeLettersId = '\IHM'
}

```

PASSED  
PASSED

PASSED  
PASSED  
PASSED  
PASSED

```

DeviceUnderTest = {
  Type = '\i210'
  IDISDeviceType = 102
  IDISFunctionType = [Extension_D]
  SerialNr = 90052146
  IPVersion = IPV6
  DataLinkLayer = G3
  EUI64Address = "037990FFFE052146"
  ConsumerInformationPush = FALSE
  SMSSupported = FALSE
  ClipCallSupported = FALSE
}

TestOptions = {
  PushDestination = '\[fe80:0:0:0:781d:ff:fe00:0]:61616'
}

objectModel = {
  // Optional objects implemented
  OptionalObjects = '\
+ '1-1:0.2.0.255|1,' // Active firmware identifier 1 (@420)
+ '1-1:0.2.8.255|1,' // Active firmware signature 1 (@424)
+ '1-2:0.2.0.255|1,' // Active firmware identifier 2 (@428)
+ '1-2:0.2.8.255|1,' // Active firmware signature 2 (@432)
+ '1-0:9.8.0.255|3,' // Apparent energy import (+VA) (QI+QIV) (@497)
+ '1-0:10.8.0.255|3,' // Apparent energy export (-VA) (QII+QIII) (@503)
+ '1-0:5.8.1.255|3,' // Reactive energy (QI) rate 1 (@606)
+ '1-0:5.8.2.255|3,' // Reactive energy (QI) rate 2 (@612)
+ '1-0:5.8.3.255|3,' // Reactive energy (QI) rate 3 (@618)
+ '1-0:5.8.4.255|3,' // Reactive energy (QI) rate 4 (@624)
+ '1-0:6.8.1.255|3,' // Reactive energy (QII) rate 1 (@630)
+ '1-0:6.8.2.255|3,' // Reactive energy (QII) rate 2 (@636)
+ '1-0:6.8.3.255|3,' // Reactive energy (QII) rate 3 (@642)
+ '1-0:6.8.4.255|3,' // Reactive energy (QII) rate 4 (@648)
+ '1-0:7.8.1.255|3,' // Reactive energy (QIII) rate 1 (@654)
+ '1-0:7.8.2.255|3,' // Reactive energy (QIII) rate 2 (@660)
+ '1-0:7.8.3.255|3,' // Reactive energy (QIII) rate 3 (@666)
+ '1-0:7.8.4.255|3,' // Reactive energy (QIII) rate 4 (@672)
+ '1-0:8.8.1.255|3,' // Reactive energy (QIV) rate 1 (@678)
+ '1-0:8.8.2.255|3,' // Reactive energy (QIV) rate 2 (@684)
+ '1-0:8.8.3.255|3,' // Reactive energy (QIV) rate 3 (@690)
+ '1-0:8.8.4.255|3,' // Reactive energy (QIV) rate 4 (@696)
+ '1-0:9.8.1.255|3,' // Apparent energy import (+VA) rate 1 (@702)
+ '1-0:9.8.2.255|3,' // Apparent energy import (+VA) rate 2 (@708)
+ '1-0:9.8.3.255|3,' // Apparent energy import (+VA) rate 3 (@714)
+ '1-0:9.8.4.255|3,' // Apparent energy import (+VA) rate 4 (@720)
+ '1-0:10.8.1.255|3,' // Apparent energy export (-VA) rate 1 (@726)
+ '1-0:10.8.2.255|3,' // Apparent energy export (-VA) rate 2 (@732)
+ '1-0:10.8.3.255|3,' // Apparent energy export (-VA) rate 3 (@738)
+ '1-0:10.8.4.255|3,' // Apparent energy export (-VA) rate 4 (@744)
+ '1-0:15.8.1.255|3,' // Active energy Combined total (|+A|+|-A|) rate 1 (@750)
+ '1-0:15.8.2.255|3,' // Active energy Combined total (|+A|+|-A|) rate 2 (@756)
+ '1-0:15.8.3.255|3,' // Active energy Combined total (|+A|+|-A|) rate 3 (@762)
+ '1-0:15.8.4.255|3,' // Active energy Combined total (|+A|+|-A|) rate 4 (@768)
+ '1-0:14.7.0.255|3,' // Instantaneous net frequency; any phase (@1450)
+ '1-0:9.7.0.255|3,' // Instantaneous apparent import power (+VA) (@1486)
+ '1-0:10.7.0.255|3,' // Instantaneous apparent export power (-VA) (@1492)
+ '1-0:16.24.0.255|5,' // Average Net Power (|+A|+|-A|) (@1511)
+ '1-0:13.7.0.255|3' // Instantaneous Power factor (+A/+VA) (@1537)

// needed for conformance test.
InstanceExtraInfo =
{
  LogicalName = '0-0:29.1.0.255'
  ClassId = 91
  Version = 1

  AttributeExtraInfo =
  {
    AttributeId = 5
    SetData = '\
<Data>' +
    '<Array Qty = "01">' +
    '<Structure Qty = "02">' +
    '<Unsigned Value = "00"/>' +
    '<OctetString Value = "AF4D6DCCF14DE7C1C4235E6FEF6C151F"/>' +
    '</Structure>' +
    '</Array>' +
    '</Data>'
    AccessRights = [SET]
  }
}
}

```

```

InstanceExtraInfo = {
// Set value for Consumer Message Text
LogicalName = '0-0:96.13.0.255'
ClassId = 1
  AttributeExtraInfo = {
    AttributeId = 2
    SetData = '\<Data><OctetString value="3132333435363738" /></Data>'
  }
}

InstanceExtraInfo = {
LogicalName = '0-0:1.0.0.255'
ClassId = 8
  AttributeExtraInfo = {
    AttributeId = 2
    SetData = '\<Data><OctetString value="07E50512FF0E0000FF8000FF" /></Data>' // yyyy mm
dd dow hh mm ss
  }
}

InstanceExtraInfo = {
// set special days to 30 entries
LogicalName = '0-0:11.0.0.255'
ClassId = 11
  AttributeExtraInfo = {
    AttributeId = 2
    SetData = '\<Data>'
+ '    <Array Qty="1E" >'
+ '      <Structure Qty="03" >'
+ '        <LongUnsigned value="0001" />'
+ '        <OctetString value="FFFF0101FF" />'
+ '        <Unsigned value="02" />'
+ '      </Structure>'
+ '      <Structure Qty="03" >'
+ '        <LongUnsigned value="0002" />'
+ '        <OctetString value="FFFF0102FF" />'
+ '        <Unsigned value="02" />'
+ '      </Structure>'
+ '      <Structure Qty="03" >'
+ '        <LongUnsigned value="0003" />'
+ '        <OctetString value="FFFF0103FF" />'
+ '        <Unsigned value="02" />'
+ '      </Structure>'
+ '      <Structure Qty="03" >'
+ '        <LongUnsigned value="0004" />'
+ '        <OctetString value="FFFF0104FF" />'
+ '        <Unsigned value="02" />'
+ '      </Structure>'
+ '      <Structure Qty="03" >'
+ '        <LongUnsigned value="0005" />'
+ '        <OctetString value="FFFF0105FF" />'
+ '        <Unsigned value="02" />'
+ '      </Structure>'
+ '      <Structure Qty="03" >'
+ '        <LongUnsigned value="0006" />'
+ '        <OctetString value="FFFF0106FF" />'
+ '        <Unsigned value="02" />'
+ '      </Structure>'
+ '      <Structure Qty="03" >'
+ '        <LongUnsigned value="0007" />'
+ '        <OctetString value="FFFF0107FF" />'
+ '        <Unsigned value="02" />'
+ '      </Structure>'
+ '      <Structure Qty="03" >'
+ '        <LongUnsigned value="0008" />'
+ '        <OctetString value="FFFF0108FF" />'
+ '        <Unsigned value="02" />'
+ '      </Structure>'
+ '      <Structure Qty="03" >'
+ '        <LongUnsigned value="0009" />'
+ '        <OctetString value="FFFF0109FF" />'
+ '        <Unsigned value="02" />'
+ '      </Structure>'
+ '      <Structure Qty="03" >'
+ '        <LongUnsigned value="000A" />'
+ '        <OctetString value="FFFF010AFF" />'
+ '        <Unsigned value="02" />'
+ '      </Structure>'
+ '      <Structure Qty="03" >'
+ '        <LongUnsigned value="000B" />'
+ '        <OctetString value="FFFF0201FF" />'
+ '        <Unsigned value="02" />'
+ '    </Array>'
  }
}

```



```

+ ' </Structure>'
+ ' <Structure Qty="03" >'
+ '   <LongUnsigned Value="000C" />'
+ '   <OctetString Value="FFFF0202FF" />'
+ '   <Unsigned Value="02" />'
+ ' </Structure>'
+ ' <Structure Qty="03" >'
+ '   <LongUnsigned Value="000D" />'
+ '   <OctetString Value="FFFF0203FF" />'
+ '   <Unsigned Value="02" />'
+ ' </Structure>'
+ ' <Structure Qty="03" >'
+ '   <LongUnsigned Value="000E" />'
+ '   <OctetString Value="FFFF0204FF" />'
+ '   <Unsigned Value="02" />'
+ ' </Structure>'
+ ' <Structure Qty="03" >'
+ '   <LongUnsigned Value="000F" />'
+ '   <OctetString Value="FFFF0205FF" />'
+ '   <Unsigned Value="02" />'
+ ' </Structure>'
+ ' <Structure Qty="03" >'
+ '   <LongUnsigned Value="0010" />'
+ '   <OctetString Value="FFFF0206FF" />'
+ '   <Unsigned Value="02" />'
+ ' </Structure>'
+ ' <Structure Qty="03" >'
+ '   <LongUnsigned Value="0011" />'
+ '   <OctetString Value="FFFF0207FF" />'
+ '   <Unsigned Value="02" />'
+ ' </Structure>'
+ ' <Structure Qty="03" >'
+ '   <LongUnsigned Value="0012" />'
+ '   <OctetString Value="FFFF0208FF" />'
+ '   <Unsigned Value="02" />'
+ ' </Structure>'
+ ' <Structure Qty="03" >'
+ '   <LongUnsigned Value="0013" />'
+ '   <OctetString Value="FFFF0209FF" />'
+ '   <Unsigned Value="02" />'
+ ' </Structure>'
+ ' <Structure Qty="03" >'
+ '   <LongUnsigned Value="0014" />'
+ '   <OctetString Value="FFFF020AFF" />'
+ '   <Unsigned Value="02" />'
+ ' </Structure>'
+ ' <Structure Qty="03" >'
+ '   <LongUnsigned Value="0015" />'
+ '   <OctetString Value="FFFF0301FF" />'
+ '   <Unsigned Value="02" />'
+ ' </Structure>'
+ ' <Structure Qty="03" >'
+ '   <LongUnsigned Value="0016" />'
+ '   <OctetString Value="FFFF0302FF" />'
+ '   <Unsigned Value="02" />'
+ ' </Structure>'
+ ' <Structure Qty="03" >'
+ '   <LongUnsigned Value="0017" />'
+ '   <OctetString Value="FFFF0303FF" />'
+ '   <Unsigned Value="02" />'
+ ' </Structure>'
+ ' <Structure Qty="03" >'
+ '   <LongUnsigned Value="0018" />'
+ '   <OctetString Value="FFFF0304FF" />'
+ '   <Unsigned Value="02" />'
+ ' </Structure>'
+ ' <Structure Qty="03" >'
+ '   <LongUnsigned Value="0019" />'
+ '   <OctetString Value="FFFF0305FF" />'
+ '   <Unsigned Value="02" />'
+ ' </Structure>'
+ ' <Structure Qty="03" >'
+ '   <LongUnsigned Value="001A" />'
+ '   <OctetString Value="FFFF0306FF" />'
+ '   <Unsigned Value="02" />'
+ ' </Structure>'
+ ' <Structure Qty="03" >'
+ '   <LongUnsigned Value="001B" />'
+ '   <OctetString Value="FFFF0307FF" />'
+ '   <Unsigned Value="02" />'
+ ' </Structure>'
+ ' <Structure Qty="03" >'
+ '   <LongUnsigned Value="001C" />'

```





```

    Password = '\12345678'
  }
  PreEstablished = {
    Policy = AUTHENTICATION_AND_ENCRYPTION
    ServerMaxReceivePduSize = 1224
    CipherringStyle = GENERAL
  }
}

SMSSecurityElements = {
  PreEstablished = {
    Policy = AUTHENTICATION_AND_ENCRYPTION
    ServerMaxReceivePDUSize = 138
    CipherringStyle = GENERAL
  }
}

HDLCPProfile = {
  PhysicalLayer = {
    OpeningMode = DIRECT_HDLC
    HdlcBaud = 9600
  }
  DataLinkLayer = {
    InactivityTimeout           = 10000
    InterFrameTimeout          = 20
    ResponseTimeout             = 5000
    DISCTONDMTTimeout          = 120000
    AddressingSchemes           = [TWO_BYTES_ADDRESSING]
    ServerLowerMACAddress       = 0x11
  }

  UIFrameDelay = 2000
  UIFrameLength = 126
}

TCPProfile = {
  ServerTCPPort = 4059
  ResponseTimeout = 10000
  ConnectTimeout = 30000
  DisconnectToConnectDelay = 15000
}

// Mandatory parameters of the ''Remote'' G3-PLC profile
G3PLCProfile = {
  FrequencyBand = CENELEC_A
  ResponseTimeout = 30000
  UDPPort = 61616
  ConnectTimeout =10000
  PSK = "78563412214365877856341221436587"
}

// END CTI_Template

*****
* Miscellaneous *
*****

TestMode:                G3-PLC
Test Plan Signature:     BFC18D5882976F2087BC007B67CDC246
Object Model:            IDIS-S02-002 - object model Pack2 Ed2.0 - v2.29 (20200831)-FIT MBUS
Tests G350 (CorrectedAndValve status).xlsx
DUT system title:       49484D66155E1632
Run number:              1428

```