

# ATTESTATION OF CONFORMITY

No. 74101951-MOC/INC 12-02092

Issued to:  
AiLux srl  
Via del Serpente, 107  
25131 - Brescia  
Italia

for the product:  
RTU32B-104  
Type: IEC 104 Controlled station,  
Included software:  
– IEC 104 Application software version: RTU32B-104 ver 5\_0\_0\_09

With the implemented communication protocol:

## IEC 60870-5-104 ed.2 (IS 2006)

Network Access for IEC 60870-5-101 using standard transport profiles in Standard direction and the AiLux srl default Protocol Implementation Document for IEC 60870-5-104 V1.0 [PID104].

The product has not been shown to be non-conforming to the specified protocol standard, including the interface requirements.

End-to-End data element tests for the information and control points as described in manufacturer Protocol Implementation Conformance Statement (PICS) have been performed on the product's protocol implementation. Functional tests in controlled mode are performed for the following levels:

<ul style="list-style-type: none"><li>• <i>Station initialization</i></li><li>• <i>Redundancy</i></li><li>• <i>Cyclic data transmission</i></li><li>• <i>Data acquisition through read</i></li></ul>	<ul style="list-style-type: none"><li>• <i>Acquisition of events</i></li><li>• <i>General interrogation</i></li><li>• <i>Command transmission</i></li><li>• <i>Test procedure</i></li></ul>
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The test campaign did not reveal any errors in the product's protocol implementation.

This Attestation is granted on account of tests made at location of AiLux in Brescia, Italy and performed with UnIECim 60870-5-104 version 2.0.01 (July 2012) running CS104 Test Suite version 1.41. The results, including remarks and limitations, are laid down in DNV KEMA report no. 74101951-MOC/INC 12-02091.

The tests have been carried out on one single specimen of the product, submitted by AiLux. The Attestation does **not** include an assessment of the manufacturer's production. Conformity of his production with the specimen tested by DNV KEMA is not the responsibility of DNV KEMA.

Arnhem, November 6, 2012



M. Adriaensen  
Intelligent Networks and Communication



G. Webber  
Test Consultant

IMPORTANT: Remarks apply to this implementation. See the resulting report for full details

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