

CERTIFICATE OF CONSTANCY OF PERFORMANCE

Issued by DBI Certification, notified body No. 2531.

In compliance with *Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011* (the Construction Products Regulation or CPR), this certificate applies to the construction product

Pangea, ipEAGLElte, and Edge RT7020

The product fulfils the essential characteristic:

See Annex 1

Intended use: Applications related to automatic fire alarm systems

Placed on the market under the name or trade mark of:

**AddSecure AB
Telefonvägen 26
SE-12626 Hägersten
Sweden**

and produced in the manufacturing plant:

CPA10022

This attests that all provisions concerning the performance described in Annex ZA of the standard(s)

EN 54-21:2006 : **Fire detection and fire alarm systems - Part 21: Alarm transmission and fault warning routing equipment**

under system 1 for the performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the

CONSTANCY OF PERFORMANCE OF THE CONSTRUCTION PRODUCT.

This certificate was first issued on 2018-05-29 and will remain valid as long as neither the harmonised standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

The attached annexes form part of this certificate.

Date of issue: **2023-03-10**.

(This certificate supersedes the previous version of this certificate issued 2021-05-03)



Merete Poulsen
Responsible for evaluation



Chris Ellis
Responsible for certification decision

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Annex 1

EXTENT

Type:

Pangea, ipEAGLElte, and Edge RT7020

Type 1, using Ethernet as primary path and GPRS as secondary path.

IP based fire alarm transmitter.

The routing equipment is designed to be powered from a CIE (EN 54-2), which in turn may be powered internally or by an external power supply (EN 54-4).

A relay output can be used for communicating to the CIE.

The indication must be made on the CIE.

Performance

| Essential characteristics | Clauses in EN 54-21:2006 | Performance |
|--|--------------------------|---|
| Performance of transmission | 4, 5 | Pass A relay output can be used for communicating to the CIE. The indication must be made on the CIE. |
| Operational reliability | 4, 5, 7, 8, 9 | Pass The routing equipment is designed to be powered from a CIE (EN 54-2), which in turn may be powered internally or by an external power supply (EN 54-4). A relay output can be used for communicating to the CIE. |
| Durability of operational reliability and response delay; temperature resistance | 10.4 | Pass |
| Durability of operational reliability; vibration resistance | 10.6, 10.7, 10.11 | Pass |
| Durability of operational reliability; electrical stability | 10.8, 10.9 | Pass |
| Durability of operational reliability; humidity resistance | 10.5, 10.10 | Pass |

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DBI Certification A/S

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Annex 2

TEST DOCUMENTATION

| Accredited Laboratory | Report no. | Date |
|-----------------------|------------|------------|
| RISE | 7P06264-2 | 2018-04-27 |
| RISE | 7P06264-02 | 2018-03-12 |
| RISE | 7P06264-3 | 2018-04-23 |
| EKTOS | P17-0119 | 2018-03-21 |

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Annex 3

TECHNICAL BASIS

| Title | Version |
|------------------------|---|
| Circuit diagram | Pangea_3_118 |
| Product specifications | Doc. No. 1, rev. 1, 2018-05-02 |
| Installation manual | Doc. No. 1, rev. 5, 2021-04-21 |
| PCB | AA1118E |
| BOM PANGEA_IoT | RD |
| BOM Pangea_IoT_ES | RD |
| SW | ipEAGLElte Rev. 4.0.1.35 PANGEA Rev. 4..1.0.19 |

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