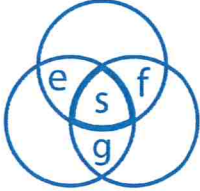




Member of



Certificate of Conformity with European standards for Components and Systems

Number of Certificate

Valid from
dd-mm-yyyy

Valid until
dd-mm-yyyy

EN-ST-000270

28-07-2024

27-07-2028

Subject matter of Certificate:

Alarm transmission equipment

IRIS-4 400, IRIS-4 420, IRIS-4 440, IRIS-4 400G, IRIS-4 420G, IRIS-4 440G

Owner of Certificate:

AddSecure International AB

Telefonvägen 26

SE-12626 HÄGERSTEN, STOCKHOLM, Sweden

Basis for certification:

EN 50136-2:2013

EN 50131-10:2014

EN 54-21:2006

Use, the product disposes of the following parameters:

Intrusion and hold-up systems

The tests were carried out at VdS Schadenverhütung GmbH
and the results are documented in **test report:**

221931-AU01+STE01-PB01 dated 15-08-2023 (IRIS-4 4xxG)

221931-AU01+STE01-PB02 dated 20-06-2023 (IRIS-4 4xxG EN54-21)

240927-AU01+STE01-PB01 dated 25-07-2024 (IRIS-4 4xxG)

To guarantee the permanent quality of products a regular surveillance of the manufacturing process is performed.

This certificate comprises 10 pages and shall only be reproduced without any modifications and including all enclosures.

VdS Schadenverhütung GmbH
Certification Body
Amsterdamer Str. 174
D-50735 Köln

A company of the German Insurance Association (GDV) accredited by DAkkS as certification body for fire protection and security products



Date: 26-07-2024

Managing director

p.p.

Head of certification body



Enclosure 1

To Certificate No.: EN-ST-000270

Date : 26.07.2024

The approved component/system comprises the following parts:

Description of component	Type	Applicant's Registration No.	Approval number of component (only complete for system approval)
<p>IRIS-4 400, 420 and 440 SPTs in the variants described below equipped with the common features:</p> <ul style="list-style-type: none">– Software version V4.21.1– USB connector for local PC configuration in combination with the IRIS Toolbox software– LCD with Touch functionality for local configuration– Socket for an optional expander board <p>– 4 resistance supervised inputs</p> <p>– 4 relay outputs (electronical)</p> <p>– 1 Dial capture interface for analogue telephone line (PSTN)</p> <p>– Serial interfaces (2x RS-232, 1x RS-485)</p>	IRIS-4 EXT1 IRIS-4 EXT2 IRIS-4 EXT3		
<p>IRIS-4 400G, 420G and 440G SPTs in the variants described below equipped with the common features:</p> <ul style="list-style-type: none">– Software version V4.21.1– Hardware version B09– USB connector for local PC configuration in combination with the IRIS Toolbox software– LCD with Touch functionality for local configuration– Socket for an optional expander board <p>– 4 resistance supervised inputs</p> <p>– 4 relay outputs (electronical)</p> <p>– 1 Dial capture interface for analogue telephone line (PSTN)</p>	IRIS-4 EXT1 IRIS-4 EXT2 IRIS-4 EXT3		

To Certificate No.: EN-ST-000270

Date : 26.07.2024

The approved component/system comprises the following parts:

Description of component	Type	Applicant's Registration No.	Approval number of component (only complete for system approval)
<ul style="list-style-type: none"> - Serial interfaces (2x RS-232, 1x RS-485) <p>Single path (SP5) variant with support for the following transmission paths:</p> <ul style="list-style-type: none"> - GSM/GPRS (2G) - UMTS (3G) - LTE (4G) <p>Single path (SP6) variant with support for the following transmission path:</p> <ul style="list-style-type: none"> - Ethernet (wired) <p>Dual path (DP4) variant with support for the following transmission paths:</p> <ul style="list-style-type: none"> - GSM/GPRS (2G) - UMTS (3G) - LTE (4G) <p>and</p> <ul style="list-style-type: none"> - Ethernet (wired) <p>Options:</p> <ul style="list-style-type: none"> - Expansion board with 12 additional resistance supervised inputs 	<p>IRIS-4 400G IRIS-4 400 (In former times IRIS T400NG)</p> <p>Not available for IRIS T400NG</p> <p>IRIS-4 420G IRIS-4 420 (In former times IRIS T420NG)</p> <p>IRIS-4 440G IRIS-4 440 (In former times IRIS T440NG)</p> <p>(In former times IRIS T440NG-4G)</p> <p>IRIS-4 EXT1 (In former times IRIS EXT1)</p>		



Enclosure 1

To Certificate No.: EN-ST-000270

Date : 26.07.2024

The approved component/system comprises the following parts:

Description of component	Type	Applicant's Registration No.	Approval number of component (only complete for system approval)
<ul style="list-style-type: none">- Expansion board with 12 additional resistance supervised inputs and PSTN transmission path- Expansion board with 12 additional resistance supervised inputs and 3 relay outputs- Metal housing with antenna- Metal housing without antenna	IRIS-4 EXT2 (In former times IRIS EXT2) IRIS-4 EXT3 T-NG-ENC2A T-NG-ENC2		



Enclosure 2

To Certificate No.: EN-ST-000270

Date : 26.07.2024

The approved component/system is described as follows:

Type of document	Manufacturer's identification	Date	Number of Pages
Installation Manual:			
– Manual IRIS-4 4xx	2303_192_AddSecure_Quick-guide_IRIS-4 4 Series_ENG_v4.pdf	27.03.2023	16
– Manual IRIS-4 4xxG	2301_190_AddSecure_Quick-guide_IRIS-4 4xxG_Engeskl_v4.pdf	13.03.2023	16
Technical documents:			
– IRIS-4 400			
– Circuit diagram	IRIS-4 400 Schematics REV-D4.PDF	18.07.2024	12
– Bill of material	IRIS-4 400 BOM REV-D4.xlsx	18.07.2024	8
– Bill of material	IRIS-4 400 Packaging BOM 24-07-2024.xlsx	24.07.2024	1
– Drawing	Label-NG-030A v2.3 04-07-2024.pdf	04.07.2024	1
– Drawing	LABEL-NG-161A v1.0 04-06-2024.pdf	04.06.2024	1
– Drawing	LABEL-NG-167A v1.0 04-07-2024.pdf	04.07.2024	1
– IRIS-4 420			
– Circuit diagram	IRIS-4 420 Schematics REV-D4.PDF	18.07.2024	12
– Bill of material	IRIS-4 420 BOM REV-D4.xlsx	18.07.2024	8
– Bill of material	IRIS-4 420 Packaging BOM 24-07-2024.xlsx	24.07.2024	1
– Drawing	LABEL-NG-030B v2.3 04-07-2024.pdf	04.07.2024	1
– Drawing	LABEL-NG-161B v1.0 04-06-2024.pdf	04.06.2024	1
– Drawing	LABEL-NG-167B v1.0 04-07-2024.pdf	04.07.2024	1
– IRIS-4 440			
– Circuit diagram	IRIS-4 440 Schematics REV-D4.PDF	18.07.2024	12



Enclosure 2

To Certificate No.: EN-ST-000270

Date : 26.07.2024

The approved component/system is described as follows:

Type of document	Manufacturer's identification	Date	Number of Pages
– Bill of material	IRIS-4 440 BOM REV-D4.xlsx	18.07.2024	8
– Bill of material	IRIS-4 440 Packaging BOM 24-07-2024.xlsx	24.07.2024	1
– Drawing	LABEL-NG-030C v2.3 04-07-2024.pdf	04.07.2024	1
– Drawing	LABEL-NG-161C v1.0 04-06-2024.pdf	04.06.2024	1
– Drawing	LABEL-NG-167C v1.0 04-07-2024.pdf	04.07.2024	1
– IRIS-4 400G			
– Circuit diagram	IRIS-4 400G, Schematics REV-B5.PDF	19.07.2024	10
– Bill of material	IRIS-4 400G, BOM REV-B5.xlsx	19.07.2024	8
– Bill of material	IRIS-4 400G Packaging BOM 01-07-2024.xlsx	01.07.2024	1
– Drawing	LABEL-NG-101A v3.1 25 08-2023.pdf	25.08.2023	1
– Drawing	LABEL-NG-139A v1.1 25 08-2023.pdf	25.08.2023	1
– Drawing	LABEL-NG-162A v1.0 04-06-2024.pdf	04.06.2024	1
– IRIS-4 420G			
– Circuit diagram	IRIS-4 420G, Schematics REV-B5.PDF	19.07.2024	10
– Bill of material	IRIS-4 420G, BOM REV-B5.xlsx	19.07.2024	7
– Bill of material	IRIS-4 420G Packaging BOM 01-07-2024.xlsx	01.07.2024	1
– Drawing	LABEL-NG-101B v3.125 08-2023.pdf	25.08.2023	1
– Drawing	LABEL-NG-140A v1.1 25 08-2023.pdf	25.08.2023	1
– Drawing	LABEL-NG-162B v1.0 04-06-2024.pdf	04.06.2024	1
– IRIS-4 440G			
– Circuit diagram	IRIS-4 440G Schematics REV-B5.PDF	19.07.2024	10
– Bill of material	IRIS-4 440G BOM REV-B5.xlsx	19.07.2024	8

**Enclosure 2**

Sheet 3

To Certificate No.: EN-ST-000270

Date : 26.07.2024

The approved component/system is described as follows:

Type of document	Manufacturer's identification	Date	Number of Pages
- Bill of material	IRIS-4 440G Packaging BOM 01-07-2024.xlsx	01.07.2024	1
- Drawing	LABEL-NG-101C v3.125 08-2023.pdf	25.08.2023	1
- Drawing	LABEL-NG-141A v1.1 25 08-2023.pdf	25.08.2023	1
- Drawing	LABEL-NG-162C v1.0 04-06-2024.pdf	04.06.2024	1
- IRIS-4 all 4xx variants			
- Assembly diagram	Assembly Top Layer Assembly Bottom Layer	12.05.2018	2
- PCB layout	Layout Printouts	04/2018	8
- PCB layout	Manufacturing Drawing	12.05.2018	1
- IRIS-4 all 4xxG variants			
- Assembly diagram	Assembly Top Layer Assembly Bottom Layer 4xxG-B, DRW: 2022-06	27.07.2022	2
- PCB layout	Layout Printouts 4xxG-B, DRW: 2022-06	27.07.2022	8
- PCB layout	Manufacturing Drawing 4xxG-B, DRW: 2022-06	27.07.2022	1
- IRIS-4 EXT1			
- Circuit diagram	IRIS-4 EXT1, Revision: D	12.05.2018	4
- Bill of material	IRIS-4 EXT1, Revision: D	30.07.2018	2
- Bill of material	IRIS-4 EXT1 Packaging BOM 07-12-2020.xlsx	07.12.2020	1
- Assembly diagram / PCB layout	Top Ident, Bottom Ident, Top Layer	KW10/2018	3
- Drawing	Label-NG-033A	15.03.2018	1

**Enclosure 2**

Sheet 4

To Certificate No.: EN-ST-000270

Date : 26.07.2024

The approved component/system is described as follows:

Type of document	Manufacturer's identification	Date	Number of Pages
– IRIS-4 EXT2			
– Circuit diagram	IRIS-4 EXT2, Revision: D	12.05.2018	4
– Bill of material	IRIS-4 EXT2, Revision: D	30.07.2018	3
– Bill of material	IRIS-4 EXT2 Packaging BOM 07-12-2020.xlsx	07.12.2020	1
– Assembly diagram / PCB layout	T4xxNG EXP, DRW: 2015-02 Assembly Top Layer	KW10/2018	3
– Drawing	Label-NG-033B	15.03.2018	1
– IRIS-4 EXT3			
– Circuit diagram	IRIS-4 EXT3 Revision B1	30.09.2019	4
– Bill of material	IRIS-4 EXT3 Revision B	31.10.2019	2
– Bill of material	IRIS-4 4xx EXT3 Packaging BOM 07-12-2020.xlsx	07.12.2020	1
– Assembly diagram / PCB layout	4xx-EXT3-B Top&Bottom Ident	30.09.2019	2
– Drawing	Label-NG-038	02.04.2019	1
– T-NG-ENC2(A)			
– Bill of material	PRP105	02/2019	1
– Bill of material	T-NG-ENC2 Packaging BOM 17-11-2020.xlsx	17.11.2020	1
– Bill of material	T-NG-ENC2A Packaging BOM 17-11-2020.xlsx	17.11.2020	1
– Drawing	PO032 (v1.0) (AC)_ADDSECURE-EDIT-01_Issue2_240422.PDF	22.04.2024	1
– Drawing	PRP18-2024 AWO032.pdf	30.04.2024	1



Enclosure 2

To Certificate No.: EN-ST-000270

Date : 26.07.2024

The approved component/system is described as follows:

Type of document	Manufacturer's identification	Date	Number of Pages
Datasheets:			
- Telit LE910EU2 (2G/3G/4G)	LE910 V Hardware User Guide, 1VV0301200, Rev. 9	15.05.2017	84
- Telit LE910C1-EU	LE910Cx Hardware Design Guide, 1VV0301298 Rev. 40	16.03.2023	149
- Telit LE910Cx	TC_LE910Cx_ThreadX_Product_Brief.pdf	03/2024	2
- Telit LE910Cx Linux	TC_LE910Cx_Linux_Product_Brief.pdf	02/2024	2
- Telit LE910Cx	TC_LE910Cx_Hardware_Design_Guide_r41.pdf	06.10.2023	149
- Tamper switch	Series 19N Microswitch	06/2015	4



Enclosure 3

Sheet 1

To Certificate No.: EN-ST-000270

Date : 26.07.2024

Instructions for the application of the approval component/system (see enclosure 1):

1. The existing control and indicating panel, where the IRIS-4 4xx(G) device is mounted, specifies the EN grade (2 - 4) of the complete alarm system.
2. The IRIS-4 4xx(G) devices are classified as Type Y or Type X if housings T-NG-ENC2(A) used.
3. The transmission path classification of the devices is as follows:
 - SP5 for IRIS-4 400(G) with 2G/3G/4G transmission path
 - SP6 for IRIS-4 420(G) with Ethernet transmission path
 - DP4 for IRIS-4 440(G) with 2G/3G/4G and Ethernet transmission path
4. The IRIS-4 4xx(G) devices doesn't support the VdS SecurIP transmission protocol.