



# 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	28-08-2023	27-07-2024

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 AB**  
Telefonvägen 26  
126 26 Hägerstan, 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:**

**191022-AU01+STE01-PB01 dated 21-07-2020**  
**221931-AU01+STE01-PB01 dated 15-08-2023 (IRIS-4 4xxG)**  
**221931-AU01+STE01-PB02 dated 20-06-2023 (IRIS-4 4xxG EN54-21)**

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: 28-08-2023

Managing director

Head of certification body

To Certificate No.: EN-ST-000270

Date : 28.08.2023

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"> <li>- Software version V4.6.2</li> <li>- USB connector for local PC configuration in combination with the IRIS Toolbox software</li> <li>- LCD with Touch functionality for local configuration</li> <li>- Socket for an optional expander board</li> <li>- 4 resistance supervised inputs</li> <li>- 4 relay outputs (electrical)</li> <li>- 1 Dial capture interface for analogue telephone line (PSTN)</li> <li>- Serial interfaces (2x RS-232, 1x RS-485)</li> </ul>	<p>IRIS-4 EXT1 IRIS-4 EXT2 IRIS-4 EXT3</p>		
<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"> <li>- Software version V4.16.1 Hardware version B01</li> <li>- USB connector for local PC configuration in combination with the IRIS Toolbox software</li> <li>- LCD with Touch functionality for local configuration</li> <li>- Socket for an optional expander board</li> <li>- 4 resistance supervised inputs</li> <li>- 4 relay outputs (electrical)</li> <li>- 1 Dial capture interface for analogue telephone line (PSTN)</li> </ul>	<p>IRIS-4 EXT1 IRIS-4 EXT2 IRIS-4 EXT3</p>		

To Certificate No.: EN-ST-000270

Date : 28.08.2023

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"> <li>- Serial interfaces (2x RS-232, 1x RS-485)</li> </ul> <p>Single path (SP5) variant with support for the following transmission paths:</p> <ul style="list-style-type: none"> <li>- GSM/GPRS (2G)</li> <li>- UMTS (3G)</li> <li>- LTE (4G)</li> </ul> <p>Single path (SP6) variant with support for the following transmission path:</p> <ul style="list-style-type: none"> <li>- Ethernet (wired)</li> </ul> <p>Dual path (DP4) variant with support for the following transmission paths:</p> <ul style="list-style-type: none"> <li>- GSM/GPRS (2G)</li> <li>- UMTS (3G)</li> <li>- LTE (4G)</li> </ul> <p>and</p> <ul style="list-style-type: none"> <li>- Ethernet (wired)</li> </ul> <p>Options:</p> <ul style="list-style-type: none"> <li>- Expansion board with 12 additional resistance supervised inputs</li> </ul>	<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>		

To Certificate No.: EN-ST-000270

Date : 28.08.2023

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"> <li>– Expansion board with 12 additional resistance supervised inputs and PSTN transmission path</li> </ul>	IRIS-4 EXT2 (In former times IRIS EXT2)		
<ul style="list-style-type: none"> <li>– Expansion board with 12 additional resistance supervised inputs and 3 relay outputs</li> </ul>	IRIS-4 EXT3		
<ul style="list-style-type: none"> <li>– Metal housing with antenna</li> </ul>	T-NG-ENC2A		
<ul style="list-style-type: none"> <li>– Metal housing without antenna</li> </ul>	T-NG-ENC2		

**Enclosure 2**

Sheet 1

To Certificate No.: EN-ST-000270

Date : 28.08.2023

The approved component/system is described as follows:

Type of document	Manufacturer's identification	Date	Number of Pages
Installation Manual:			
– Manual	2303_192_AddSecure_Quick-guide_IRIS-4 4 Series_ENG_print_pages.pdf		
– Manual	2301_190_AddSecure_Quick-guide_IRIS-4 4xxG_English_PRINT_v3.pdf		
Technical documents:			
– <b>IRIS-4 400</b>			
– Circuit diagram	IRIS-4 400 Schematics REV-D2.PDF	12.11.2021	12
– Bill of material	IRIS-4 400 BOM REV-D2.xlsx	12.11.2021	8
– Bill of material	IRIS-4 400 Packaging BOM 02-06-2023.xlsx	02.06.2023	1
– Drawing	Label-NG-030A	23.10.2019	1
– Drawing	Label-NG-034	15.08.2018	1
– Drawing	Label-NG-001	15.01.2015	1
– Drawing	Carton-NG-010	15.08.2018	1
– <b>IRIS-4 420</b>			
– Circuit diagram	IRIS-4 420 Schematics REV-D2.PDF	12.11.2021	12
– Bill of material	IRIS-4 420 BOM REV-D2.xlsx	12.11.2021	8
– Bill of material	IRIS-4 420 Packaging BOM 05-04-2023.xlsx	02.06.2023	1
– Drawing	Label-NG-030B	23.10.2019	1
– Drawing	Label-NG-034	15.08.2018	1
– Drawing	Label-NG-001	15.01.2015	1
– Drawing	Carton-NG-010	15.08.2018	1

**Enclosure 2**

Sheet 2

To Certificate No.: EN-ST-000270

Date : 28.08.2023

The approved component/system is described as follows:

Type of document	Manufacturer's identification	Date	Number of Pages
– <b>IRIS-4 440</b>			
– Circuit diagram	IRIS-4 440 Schematics REV-D2.PDF	12.11.2021	12
– Bill of material	IRIS-4 440 BOM REV-D2.xlsx	12.11.2021	9
– Bill of material	IRIS-4 440 Packaging BOM 02-06-2023.xlsx	02.06.2023	1
– Drawing	Label-NG-030C	23.10.2019	1
– Drawing	Label-NG-034	15.08.2018	1
– Drawing	Label-NG-001	15.01.2015	1
– Drawing	Carton-NG-010	15.08.2018	1
– <b>IRIS-4 400G</b>			
– Circuit diagram	IRIS-4 400G, Schematics REV-B2.PDF	11.01.2023	10
– Bill of material	IRIS-4 400G, BOM REV-B2.xlsx	12.01.2023	8
– Bill of material	IRIS-4 400G, Packaging BOM 04-05-2023.xlsx	25.08.2023	1
– Drawing	LABEL-NG-101A v3.1 25-08-2023.pdf	25.08.2023	1
– Drawing	LABEL-NG-139 v1.1 25-08-2023.pdf	25.08.2023	1
– <b>IRIS-4 420G</b>			
– Circuit diagram	IRIS-4 420G, Schematics REV-B2.PDF	11.01.2023	10
– Bill of material	IRIS-4 420G, BOM REV-B2.xlsx	12.01.2023	7
– Bill of material	IRIS-4 420G, Packaging BOM 15-03-2023.xlsx	25.08.2023	1
– Drawing	LABEL-NG-101B v3.1 25-08-2023.pdf	25.08.2023	1
– Drawing	LABEL-NG-140 v1.1 25-08-2023.pdf	25.08.2023	1
– <b>IRIS-4 440G</b>			
– Circuit diagram	IRIS-4 440G Schematics REV-B2.PDF	11.01.2023	10
– Bill of material	IRIS-4 440G BOM REV-B2.xlsx	12.01.2023	8





To Certificate No.: EN-ST-000270

Date : 28.08.2023

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 13-03-2023.xlsx	25.08.2023	1
– Drawing	LABEL-NG-101C v3.1 25-08-2023.pdf	25.08.2023	1
– Drawing	LABEL-NG-141 v1.1 25-08-2023.pdf	25.08.2023	1
<b>– IRIS-4 all 4xx variants</b>			
– 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
<b>– IRIS-4 all 4xxG variants</b>			
– 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
<b>– IRIS-4 EXT1</b>			
– 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 : 28.08.2023

The approved component/system is described as follows:

Type of document	Manufacturer's identification	Date	Number of Pages
– <b>IRIS-4 EXT2</b>			
– 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
– <b>IRIS-4 EXT3</b>			
– 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
– <b>T-NG-ENC2(A)</b>			
– 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	Prototype 105/2019	30.04.2019	3





**Enclosure 2**

**Sheet 5**

To Certificate No.: EN-ST-000270

Date : 28.08.2023

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
– Tamper switch	Series 19N Microswitch	06/2015	4



## Enclosure 3

Sheet 1

To Certificate No.: EN-ST-000270

Date : 28.08.2023

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.