



# 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-000310

05-08-2024

04-08-2028

Subject matter of Certificate:

**Alarm transmission equipment  
Edge DS2220 / IRIS-4-50**

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:**

**230635-AU01+STE01-PB01 dated 03-06-2024**

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

This certificate comprises 4 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 certifica-  
tion body for fire protection and  
security products



Date: 05-08-2024

Managing director

Head of certification body



**Enclosure 1**

To Certificate No.: EN-ST-000310

Date : 05-08-2024

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 50 / Edge DS2220 with the features:</p> <ul style="list-style-type: none"><li>- Software version V4.21.1</li><li>- USB connector for local PC configuration in combination with the IRIS Toolbox software</li><li>- 2 resistance supervised inputs</li><li>- 2 relay outputs (electrical)</li><li>- 1 Dial capture interface for analogue telephone line (PSTN)</li><li>- 1 Serial interface (RS-232) (Default parameters: 9600bps, IRIS API protocol)</li><li>- Single path (SP5) cellular transmission path (2G/3G/4G)</li><li>- No housing, intended for installation in existing control panels</li><li>- No tamper monitoring capability</li></ul>	<p>IRIS-4 50 only, not supported by Edge DS2220</p>		



Enclosure 2

To Certificate No.: EN-ST-000310

Date : 05-08-2024

The approved component/system is described as follows:

Type of document	Manufacturer's identification	Date	Number of Pages
Installation Manual:			
- Manual IRIS-4 50	2301_191_AddSecure_Quickguide_EDGE DS2220_Eng_digital_singel pages_DEF.pdf	29.03.2023	8
- Manual DS2220	2301_191_AddSecure_Quickguide_IRIS-4 50_Eng_digital_singel pages_DEF.pdf	29.03.2023	8
- Leaflet with QR code (to access online user guide)	2023-Q1-ENG-SmartAlarms-Flyer-IRIS4-50 Final-PRINT.pdf	23.03.2023	1
- EN54-21 Declaration	AddSecure Edge DS2xxx IRIS-4 5x Declaration of Conformity EN54-21 28-05-2024.pdf	28.05.2024	1
Technical Documents:			
- Circuit diagram	EDGE DS2220 Schematics REV-A5.PDF	09.08.2024	5
- Bill of material	EDGE DS2220 BOM REV-A5.pdf	09.08.2024	7
- Bill of material	Edge DS2220 - IRIS-4 50 Packaging BOM 12-08-2024.xlsx	12.08.2024	1
- Assembly and Layout diagram	DS2xxxG PCB REV-A.PDF	29.07.2022	8
- Drill diagram	DS2xxxG-A Drill.PDF	29.07.2022	1
- Drawing	CABLE-NG-002 v1.1 22-04-2021.pdf	22.04.2021	1
- Drawing	CARTON-NG-016 v1.2 03-01-2023.pdf	03.01.2023	1
- Drawing	LABEL-NG-095 v1.2 03-01-2023.pdf	03.01.2023	1
- Drawing	LABEL-NG-102 v1.1 28-11-2022.pdf	28.11.2022	1
- Drawing	LABEL-NG-103 v1.0 28-11-2022.pdf	28.11.2022	1
- Drawing	LABEL-NG-104 v1.1 28-11-2022.pdf	28.11.2022	1
- Drawing	CH000725_Rev3-240323.PDF	15.03.2021	1
- Drawing	DS2220 - IRIS-4 50_REV2_240323 (smashed).pdf	24.03.2023	1
- Drawing	CH000723_T1-3-140721.PDF	04.06.2021	2



**Enclosure 2**

To Certificate No.: EN-ST-000310

Date : 05-08-2024

The approved component/system is described as follows:

Type of document	Manufacturer's identification	Date	Number of Pages
- Drawing	CH000724_T1-3-140721.PDF	04.06.2021	2
- Drawing	LABEL-NG-159 v1.0 28-05-2024.pdf	28.05.2024	1
Datasheets:			
- Cellular SoC Telit LE910Cx	Telit_LE910Cx_Datasheet-1.pdf	03/2021	2
- Cellular SoC Telit LE910Cx	Telit_LE910Cx_Hardware_Design_Guide_r22.pdf	02.04.2020	125
- Antenna AG360	AG360 Product Specification LTE.pdf	03.11.2015	15
- Antenna AG360	ag360_2.pdf	-	2
- Data Screw	MPM-CE353-9033-10-A00.pdf	29.12.2017	1
- Data Self-adhesive pad	MPM-CL010-9113-08-A01.pdf	26.11.2021	1
- Data Hook fastener	MPM-CL010-9113-09-A02.pdf	10.12.2021	1
- Data Loop fastener	MPM-CL010-9113-10-A02.pdf	10.12.2021	1



**Enclosure 3**

To Certificate No.: EN-ST-000310

Date : 05-08-2024

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

1. The existing control and indicating panel, where the IRIS-4 50 / Edge DS2220 device is mounted, specifies the EN grade (2 - 4) of the complete alarm system.
2. The 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 with 2G/3G/4G transmission path
4. The IRIS-4 50 / Edge DS2220 devices doesn't support the VdS SecurIP transmission protocol.
5. The serial interface (RS-232) is supported by IRIS-4 50 only.