

[1] EU-TYPE EXAMINATION CERTIFICATE

[2] Equipment or Protected System Intended for use
in Potentially Explosive Atmospheres
Directive 2014/34/EU.

[3] EU-Type Examination Certificate Number: Nemko 25ATEX1007X Issue 0

[4] Product: Intrinsically Safe Tablet and Docking Station

[5] Manufacturer: Aegex Technologies, LLC

[6] Address: Tildy Zoltán utca 27/1, 7632 Pécs, Hungary

[7] This product and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

[8] Nemko Group AS, notified body number 0470, in accordance with Article 17 of the Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in the
confidential report no.

REP107402

[9] Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN IEC 60079-0:2018 and EN 60079-11:2012

[10] If the sign "X" is placed after the certificate number, it indicates that the product is subject to the Specific Conditions of Use specified in the schedule to this certificate.

[11] This EU-Type Examination Certificate relates only to the technical design and construction of the specified product in accordance to the Directive 2014/34/EU. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by this certificate

[12] The marking of the product shall include the following:



II 1 GD

Ex ia IIC T4 Ga

Ex ia IIIC T135°C Da

Tamb -20°C to 55°C

2025-08-14



Asgeir Holt
ATEX Manager

[13] Schedule

[14] EU-Type Examination Certificate Number: **Nemko 25ATEX1007X** Issue 0

[15] Description of Product:

The Aegex100M tablet is a windows based electronic device intended for Zone 0 areas. The product is intended to be always carried within a Leather Sleeve (P/N: APAC-100-01), when in Zone 0 areas. This is required as the enclosure material is Aluminium based, which could lead to friction related hazards. The Tablet and Battery Pack, both incorporate encapsulations.

Model DS100M docking station is a "non-hazardous area accessory" evaluated for charging the Aegex100M in the safe (non-classified) area.

The Aegex100M was evaluated and certified for Group IIB under ExTR US/SNA/ExTR 24.000/00. This ExTR package covers the Aegex100M for Group IIC and the DS100M.

Type Designations:

Aegex100M and DS100M

Electrical Data:

7.2V

Um=20V

Degrees of protection (IP Code):

IP67

Ambient temperature:

-20°C to +55°C

Routine tests:

None

[16] Report No. REP107402

Descriptive Documents:

Technical Documents			
Title:	Drawing No.:	Rev. Level:	Date:
Aegex100M Docking power supply	AAAK-199-01	01	02 Jul 2024
Schematic dwg of Aegex 100 Main PCBA USB Audio	AAEP-056-08-S01.01	8	07-02-2025
Schematic dwg of Aegex 100 SOC PCBA R2, E3940, 8GB LPDDR4, 256GB	AAEP-057-03-S01.01	3	19-Apr-2023
Schematic dwg of Aegex 100 Sensor PCBA	AAEP-058-07-S01.01	7	07-02-2025
Schematic dwg of Aegex 100 Button PCBA	AAEP-059-05-S01.01	5	15-9-2022
Schematic dwg of Aegex 100 System Bottom Connector FPCA	AAEP-060-02-S01.01	5	2022.08.01
Schematic dwg of Aegex 100 Swift Dock FPCA	AAEP-061-01-S01.01	1	2021.09.30
Schematic dwg of Aegex 100 BMS PCBA	AAEP-062-04-S01.01	4	21-11-2023
Schematic dwg of Aegex 100 BMS PCBA	AAEP-062-05-S01.01	5	21-11-2023
Schematic dwg of Aegex 100 Battery Connector PCBA	AAEP-063-02-S01.01	2	29-07-2022
Schematic dwg of Aegex 100 Battery FPCA	AAEP-064-02-S01.01	2	2022.07.29

Schematic dwg of Aegex 100 Charging connector PCBA	AAEP-069-02-S01.01	2	26-09-2022
Schematic dwg of Aegex 100 Antenna Connector Main PCBA	AAEP-070-01-S01.01	1	02-Sep-2022
Schematic dwg of Aegex 100 Antenna Connector Diversity PCBA	AAEP-071-01-S01.01	1	02-Sep-2022
Schematic dwg of Aegex 100 SAR FPCA	AAEP-072-01-S01.01	1	02-Sep-2022
Schematic dwg of Aegex 100 Protection box PCBA	AAEP-075-03-S01.01	3	2023.09.06
Component layout dwg of Aegex 100 Main PCBA USB Audio	AAEP-056-08-CL01.01	8	07-02-2025
Component layout dwg of Aegex 100 SOC PCBA R2, E3940, 8GB LPDDR4, 256GB	AAEP-057-03-CL01.01	3	19-04-2023
Component layout dwg of Aegex 100 Sensor PCBA	AAEP-058-07-CL01.01	7	07-02-2025
Component layout dwg of Aegex 100 Button PCBA	AAEP-059-05-CL01.01	5	15-09-2022
Component layout dwg of Aegex 100 System Bottom Connector FPCA	AAEP-060-02-CL01.01	2	2022.08.01
Component layout dwg of Aegex 100 Swift Dock FPCA	AAEP-061-01-CL01.01	1	2021.09.30
Component layout dwg of Aegex 100 BMS PCBA	AAEP-062-05-CL01.01	5	28/11/2023
Component layout dwg of Aegex 100 Battery Connector PCBA	AAEP-063-02-CL01.01	2	10/8/2022
Component layout dwg of Aegex 100 Battery FPCA	AAEP-064-02-CL01.01	2	2022.07.29
Component layout dwg of Aegex 100 Charging connector PCBA	AAEP-069-02-CL01.01	2	25/10/2022
Component layout dwg of Aegex 100 Antenna Connector Main PCBA	AAEP-070-01-CL01.01	1	02-09-2022
Component layout dwg of Aegex 100 Antenna Connector Diversity PCBA	AAEP-071-01-CL01.01	1	02-09-2022
Component layout dwg of Aegex 100 SAR FPCA	AAEP-072-01-CL01.01	1	02-09-2022
Component layout dwg of Aegex 100 Protection box PCBA	AAEP-075-03-CL01.01	3	21/9/2023
Aegex100 Charging	AAAK-001-01	01	02 Jul 2024
PCB layout dwg of Aegex 100 Main PCB USB Audio	APEP-056-07-PL01.01	7	12-10-2023
PCB layout dwg of Aegex 100 SOC PCB R2	APEP-057-02-PL01.01	2	2/9/2023
PCB layout dwg of Aegex 100 Sensor PCB	APEP-058-06-PL01.01	6	07.02.2025
PCB layout dwg of Aegex 100 Button PCB	APEP-059-03-PL01.01	3	15-09-2022
PCB layout dwg of Aegex 100 System Bottom Connector FPC	APEP-060-02-PL01.01	2	2022.08.01
PCB layout dwg of Aegex 100 Swift Dock FPC	APEP-061-01-PL01.01	1	2021.09.30
PCB layout dwg of Aegex 100 BMS PCB	APEP-062-04-PL01.01	4	21-11-2023
PCB layout dwg of Aegex 100 Battery Connector PCB	APEP-063-02-PL01.01	2	29-07-2022

PCB layout dwg of Aegex 100 Battery FPC	APEP-064-02-PL01.01	2	2022.07.29
PCB layout dwg of Aegex 100 Charging connector PCB	APEP-069-02-PL01.01	2	26-09-2022
PCB layout dwg of Aegex 100 Antenna Connector Main PCB	APEP-070-01-PL01.01	1	2/9/2023
PCB layout dwg of Aegex 100 Antenna Connector Diversity PCB	APEP-071-01-PL01.01	1	2/9/2023
PCB layout dwg of Aegex 100 SAR FPC	APEP-072-01-PL01.01	1	2/9/2023
PCB layout dwg of Aegex 100 Protection box PCB	APEP-075-03-PL01.01	3	2023.09.06
Aegex100M User Guide	ADPU-017-02-02 (Only Pages 3,4,5, and Appendix 1, 2 and 4)	2	17 Jul 2025
Aegex100M engineering marking document Nemko	DOAA-018-01	01	25 Jun 2025
BOM of Aegex 100 products.xlsx	ADFP-100-08	8	March 11 2025
Aegex 100M Protection Adapter	AAAY-002-02-D01.01	2	29 Sept 2023
Aegex 100M Encapsulated Battery	AAAY-015-03-D01.01	3	21 Nov 2023
Aegex 100M Battery w. INR-18650-M35A	AAEB-100-02-D01.02	2	21 Jun 2024
Aegex 100M IS tablet - E3940, 8GB, 256GB, WLAN, NO CAMERA, Win10	ATA100-M-FB-NC-05-D01.01	5	18 Feb 2025
Aegex 100 IS tablet - E3940, 8GB, 256GB, WLAN, NO CAMERA, Win10	ATA90-SNM-NC-03-D01.01	3	18 Feb 2025
Aegex 100M tablet fixed battery	ATA100-M-FB-06-D01.01	6	18 Feb 2025
Aegex 100 IS tablet - E3940, 8GB, 256GB, WLAN, Win10	ATA90-SNM-05-D01.01	5	17 Feb 2025
Aegex100M IS tablet - E3940, 8GB, 256GB, LTE, NO CAMERA, Win10	ATA100-M-LTE-FB-NC-05-D01.01	5	18 Feb 2025
Aegex 100 IS tablet - E3940, 8GB, 256GB, LTE, NO CAMERA, Win10	ATA90-LTE-NC-03-D01.01	3	18 Feb 2025
Aegex100M IS tablet - E3940, 8GB, 256GB, LTE, Win10	ATA100-M-LTE-FB-05-D01.01	5	17 Feb 2025
Aegex 100 IS tablet - E3940, 8GB, 256GB, LTE, Win10	ATA90-LTE-03-D01.01	3	17 Feb 2025
Aegex 100 Back cover with molds.PDF	ACMP-003-04-D01.02	4	21 Nov 2023
Schematic dwg of Aegex 100 Sensor WLAN PCBA	AAEP-082-02-S01.01	2	07-02-2025
Component layout dwg of Aegex 100 Sensor PCBA (Variant: WLAN)	AAEP-082-02-CL01.01	2	07-02-2025
Aegex100M Intrinsically Safe Design_Spacings	DOAA-032-01	1	31/07/2025

Alternate Construction BOM7 Specific Documents			
Schematic dwg of Aegex 100 Main PCBA USB Audio	AAEP-056-07-S01.01	7	12-10-2023
Schematic dwg of Aegex 100 Sensor PCBA	AAEP-058-06-S01.01	6	01-09-2023
Component layout dwg of Aegex 100 Main PCBA USB Audio	AAEP-056-07-CL01.01	7	12-10-2023
Component layout dwg of Aegex 100 Sensor PCBA	AAEP-058-06-CL01.01	6	15-9-2023
Aegex100M engineering marking document	DOAA-020-01	01	25 Jun 2025
BOM of Aegex 100 products.xlsx	ADFP-100-07	7	March 8 2024
Aegex 100M IS tablet - E3940, 8GB, 256GB, WLAN, NO CAMERA, Win10	ATA100-M-FB-NC-04-D01.01	4	11 Jan 2024
Aegex 100 IS tablet - E3940, 8GB, 256GB, WLAN, NO CAMERA, Win10	ATA90-SNM-NC-02-D01.01	2	11 Jan 2024
Aegex 100M tablet fixed battery	ATA100-M-FB-05-D01.01	5	11 Jan 2024
Aegex 100 IS tablet - E3940, 8GB, 256GB, WLAN, Win10	ATA90-SNM-04-D01.01	4	11 Jan 2024
Aegex100M IS tablet - E3940, 8GB, 256GB, LTE, NO CAMERA, Win10	ATA100-M-LTE-FB-NC-04-D01.01	4	11 Jan 2024
Aegex 100 IS tablet - E3940, 8GB, 256GB, LTE, NO CAMERA, Win10	ATA90-LTE-NC-02-D01.01	2	11 Jan 2024
Aegex100M IS tablet - E3940, 8GB, 256GB, LTE, Win10	ATA100-M-LTE-FB-04-D01.01	4	11 Jan 2024
Aegex 100 IS tablet - E3940, 8GB, 256GB, LTE, Win10	ATA90-LTE-02-D01.01	2	11 Jan 2024

Certificate History and Associated Reports:

Issue	Date	Report No.	Description
0	2025-08-14	REP107402	Prime Certificate released

[17] Specific Conditions of Use:

- 1.DO NOT REMOVE OR REPLACE THE BATTERY PACK IN HAZARDOUS CLASSIFIED AREAS.
- 2.PRODUCT MUST BE USED WITH BATTERY PACK P/N: AAEB-100-XX, WHERE "XX" ARE PLACE HOLDERS OF THE PART NUMBER FOR FUTURE VERSIONS, FOR CHANGES IN THE PRODUCT THAT DO NOT IMPACT THE SAFETY OR CERTIFICATION OF THE PRODUCT.
- 3.BATTERY PACK CAN ONLY BE USED AND CHARGED WHILE IT IS ON THE TABLET AEGEX100M. DO NOT ATTEMPT TO CHARGE THE BATTERY IN ANY OTHER MANNER.
- 4.PRODUCT MUST BE ONLY CHARGED WITH AEGEX CHARGER P/N: AAAK-0XX-01, WHERE XX REPRESENT THE COUNTRY TYPE PLUG AND 01 REPRESENTS VERSION NUMBER.
- 5.DO NOT OPEN THE SIM / SD CARD PORT IN A HAZARDOUS LOCATION.
- 6.WHEN IN ZONE 0 LOCATIONS, THE PRODUCT MUST BE USED WITHIN THE CASE PROVIDED BY AEGEX. CASE P/N: APAC-100-01.
- 7.IT MUST BE TAKEN CARE THAT DURING THE USE OF THE PRODUCT THERE IS NO POSSIBILITY OF FRICTION RESULTING FROM DIRECT CONTACT OF THE PRODUCT ENCLOSURE.
- 8.PRODUCT MUST BE INSPECTED FOR ANY DAMAGE OR DEFORMATION, WHICH IF PRESENT, THE PRODUCT MUST NOT BE USED IN HAZARDOUS CLASSIFIED AREAS.
- 9.PRODUCT IS AUTHORIZED TO BE SERVICED ONLY BY AEGEX.
- 10.DO NOT CHARGE, CONNECT OR DISCONNECT THE AEGEX100M TABLET IN HAZARDOUS • CLASSIFIED AREAS.
- 11.PRODUCT MUST BE USED WITHOUT ANY ACCESSORIES OR EXTENSIONS WITHIN HAZARDOUS CLASSIFIED AREAS.

[18] Essential Health and Safety Requirements:

Essential Health and Safety Requirements (EHSRs) are covered by the standards listed at item 9

[19] Remarks and additional Information:

None