



**Physical-Technical Testing Institute
Ostrava - Radvanice**



(1) Supplementary EU - Type Examination Certificate No.1

**(2) Equipment or Protective Systems Intended for Use
in Potentially Explosive Atmospheres
(Directive 2014/34/EU)**

(3) EU - Type Examination Certificate number:

FTZÚ 19 ATEX 0120X

(4) Product: Noise Dosimeter type SV 104BIS

(5) Manufacturer: SVANTEK Sp. z o.o.

(6) Address: Strzygłowska 81, 04-872 Warsaw, Poland

(7) This supplementary certificate extends EU - Type Examination Certificate No. FTZÚ 19 ATEX 0120X to apply to products designed and constructed in accordance with the specification set out in the Schedule of the said certificate but having any variations specified in the Schedule attached to this certificate and the documents therein referred to.

(8) The Physical-Technical Testing Institute, Notified Body number 1026, in accordance with Articles 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26.02.2014, certifies that this product, as modified by this supplementary certificate, 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.

(9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN 60079-0:2018, EN 60079-11:2012, EN 50303:2000

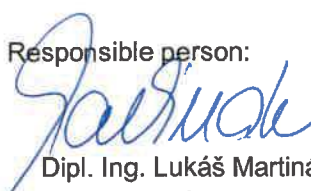
(10) If the sign "X" is placed after the certificate number, it indicates that the product is subject to Specific Conditions of Use specified in the schedule to this certificate.

(11) The marking of the product shall include the following:

**Ex I M1 Ex ia I Ma
Ex II 1G Ex ia IIC T4 Ga**

(12) This certificate is valid till: 31.05.2029

Responsible person:


**Dipl. Ing. Lukáš Martinák
Head of Certification Body**



Date of issue: 29.05.2024

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Physical-Technical Testing Institute, s.p., Pikartská 1337/7, 716 07 Ostrava - Radvanice, Czech Republic
tel.: +420 595 223 111, +420 604 203 525, e-mail: ftzu@ftzu.cz, www.ftzu.cz



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(15) Description of the variation to the Product:

The subject of this supplementary certificate is:

- Modification of certified apparatus.
- Evaluation according to the newest standards.
- Extension of certificate validity.

There are constructional changes – new microphone module, minor modifications of the internal electronics which have no negative effect on the type and level of the protection.

The product has been evaluated according to the standards, which are listed in the clause (9) of this supplement. The validity of certificate has been extended for next five years. The documentation has been updated and is listed in clause (19).

Technical parameters: (updated)

Ambient temperature: $-10^{\circ}\text{C} \leq T_a \leq +50^{\circ}\text{C}$
Degree of protection: IP65
Charging parameters: $U_m = 8 \text{ VDC}$

(16) Report Number: 19/0120/1

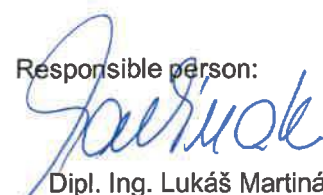
(17) Specific Conditions of Use: (recapitulation)

1. The product shall only be charged in non-hazardous area by manufacturer's chargers.

(18) Essential Health and Safety Requirements:

Compliance with the Essential Health and Safety Requirements is covered by standards mentioned in clause (9) of this supplementary certificate.

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(14) **Supplementary EU - Type Examination Certificate No. 1
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(19) Drawings and Documents:

Number:	Issue:	Date:	Description:
*DCV104BI/----/---/PCT.EN/-D	D	30.01.2024	IS Protection Description
*DUV104BI/UM-- /AUS/MAN.EN/2.00	2.00	27.02.2024	User's Manual – scheduled chapter 2.5 ATEX/IECEx Standards and Certificates
*DCB104B1/----/4--/BOM.EN/-B	B	22.01.2024	SB104B-1_4 - Bill of material
DCB104B5/----/---/BOM.EN/-A	A	20.07.2021	SB104B-5_2 - Bill of material
*DCT104CI/----/---/BOM.EN/-A	A	22.01.2024	ST104CIS - Bill of material
*DCV104BI/----/---/BOM.EN/-C	C	22.01.2024	SV 104BIS - Bill of material
*DCV104BI/SUB-/---/CRT.EN/-B	B	22.01.2024	SV104BIS - Substitutes
DCV104BI/RVE-/1-F/CRT.EN/-B	B	21.07.2021	IS Requirements verification
DCV104BI/ARA-/1-F/CRT.EN/A0	A0	28.07.2021	Accessories Risk Assessment
DCV104BI/-ACP/01/-RYS.EN/01	1	07.06.2019	Antenna Connector Protection Placement
DCV104BI/-BTP/03K/RYS.EN/00	3	23.05.2019	Battery Pack
*DCV104BI/-GAB/02K/RYS.EN/01	2	21.01.2024	Main dimensions
DCV104BI/-NCM/01K/RYS.EN/02	1	23.05.2019	Non-Conductive Materials
*DCV104BI/-PRZ/04K/RYS.EN/00	4	21.01.2024	Housing Internal Arrangement
*DCV104BI/-USZ/04K/RYS.EN/00	4	26.06.2023	Sealing Assembly
DCV104BI/CMIC/01K/RYS.EN/01	1	09.04.2021	Encapsulation of the Bluetooth IC on the Main Board Module
DCV104BI/CMVC/01K/RYS.EN/01	1	09.04.2021	Encapsulation of the DCDC converter on the Display Board module
DCV104BI/FDEN/F2-/GRF.EN/-A	F2	22.03.2021	ISFSV104BIS-DEN-VF2 Identification Label
DCV104BI/FDES/F2-/GRF.EN/-A	F2	22.03.2021	ISFSV104BIS-DES-VF2 Identification Label (only for Spain)
*DCV104BI/FKEN/D3-/GRF.EN/-A	D3	29.01.2024	ISFSV104BIS-KEN-VD3 Membrane Keypad
DIV104BI/CAKC/01K/RYS.EN/00	1	24.04.2019	Accessories
DIV104IS/CAKC/02K/RYS.EN/00	2	22.04.2015	SA 123IS - Hard hat mounting accessory
DIV104IS/CAKC/03K/RYS.EN/00	3	26.06.2015	SA 124IS - Harness mounting accessory

*Note: An * is included before the number of documents that are new or revised.*

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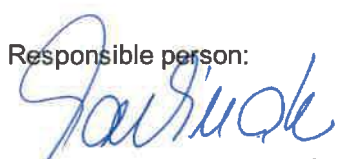
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(19) Drawings and Documents: continuation

Number:	Issue:	Date:	Description:
*DCB104B1/MDE-/1-K/SCH.EN/A0	A0	07.04.2023	IMB104B1DE1 - SCH - SB104B-1 docking station Main Board
DCB104B5/MDD-/1-K/SCH.EN/A0	A0	29.07.2020	IMB104B5DD1 - SCH - SB104B-5 docking station Main Board
*DCT104CI/MMG-/1-K/SCH.EN/A0	A0	28.08.2023	IMT104CMG1 - SCH - 1-MEMS Microphone Board
*DCT104CI/MZD-/1-K/SCH.EN/A0	A0	25.01.2024	IMT104CZD1 - SCH - Interconnection Board
DCV104BI/MVC-/1-K/SCH.EN/B0	B0	12.07.2021	IMV104BVC1 - SCH - Display Board
*DCV104BI/MIC-/2-K/SCH.EN/A0	A0	23.01.2024	IMV104BIC2 - SCH - Main Board
DCV104BI/MLC-/1-K/SCH.EN/A1	A1	23.12.2019	IMV104BLC1 - SCH - Battery Pack
*DCV104BI/MPA-/2-K/SCH.EN/A0	A0	25.01.2024	IMV104BPA2 - SCH - Mic. Mounting Head
DIV104BI/MTB-/1-K/SCH.EN/A0	A0	27.03.2019	IMV104BTB1 - SCH - Chip Antenna BT unit
DIV104BI/MTC-/1-K/SCH.EN/A0	A0	28.04.2021	IMV104BTC1 - SCH - Chip Antenna BT unit
DIV104BI/PFD-/1-K/SCH.ML/A0	A0	01.08.2018	IPV104BFD1 - SCH - Membrane Keypad
*DCB104B1/MDE-/100/PCB.--/A0	A0	28.02.2023	IPB104B1DE - PCB Project - SB104B-1 docking station Main Board
DCB104B5/MDD-/100/PCB.--/A0	A0	25.02.2021	IPB104B5DD1 - PCB Project - SB104B-5 docking station Main Board
*DCT104CI/MMG-/000/PCB.--/A1	A1	11.10.2023	IPT104CMG - PCB Project - 1-MEMS Microphone
*DCT104CI/MZD-/000/PCB.--/A0	A0	16.11.2023	IPT104CZD - PCB Project - Interconnection Board
DCV104BI/MVC-/000/PCB.--/B0	B0	12.07.2021	IPV104BVC - PCB Project - Display Board
DCV104BI/MIC-/000/PCB.--/B0	B0	21.06.2021	IPV104BIC - PCB Project - Main Board
DCV104BI/MLC-/100/PCB.--/A0	A0	23.07.2019	IPV104BLC - PCB Project - Battery Pack
DCV104BI/MPA-/000/PCB.--/A2	A2	21.02.2020	IPV104BPA - PCB project - Mic. Mounting Head
DCV104BI/MTB-/100/PCB.--/A0	A0	27.03.2019	IPV104BTB1 - PCB Project - BT Antenna
DCV104BI/MTC-/100/PCB.--/A0	A0	28.04.2021	IPV104BTC1 - PCB Project - BT Antenna
DCV104BI/PFD-/000/PCB.--/A0	A0	26.03.2019	IPV104BFD - PCB Project - Membrane Keypad
DCV104BI/PNC-/000/PCB.--/A0	A0	26.03.2019	IPV104BNC - PCB Project - Separator

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