



Technická inšpekcia, a.s.

Tomášikova 64, 831 04 Bratislava, Slovenská republika



Reg. No. 097/I-001

[1] TYPE EXAMINATION CERTIFICATE



- [2] Equipment Intended for use in potentially explosive atmospheres - Directive 2014/34/EU
- [3] Certificate Number: **TI25ATEX 9895 X**
- [4] Equipment: **Ultrasonic Camera**
Type: SonaVu Plus EX (SonaVu+EX)
- [5] Manufacturer: **SDT North America Inc.**
- [6] Address: **7677 County 2 Rd, Cobourg, ON K9A 0X4, CANADA**
- [7] This equipment and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.
- [8] Technická inšpekcia, a.s., certifies that this product has been found to comply with Essential Health and Safety Requirements relating to design and construction of product intended for use in potentially explosive atmospheres given in Annex II to the Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014.
- The examination and test results are recorded in confidential report No. 09895/5/2025-IS-01
- [9] Compliance with the Essential Health and safety Requirements has been assured by compliance with: **EN IEC 60079-0:2018, EN 60079-11:2012**. Where additional criteria beyond those given here have been used, they are listed at item 18 in the Schedule.
- [10] If the sign "X" is placed after the certificate number, it indicates that the equipment is subject to "Specific Conditions of Use" specified in the schedule to this certificate.
- [11] This TYPE EXAMINATION CERTIFICATE relates only to the design of the specified equipment and not to specific items of equipment subsequently manufactured.
- [12] The marking of the equipment shall include the following:



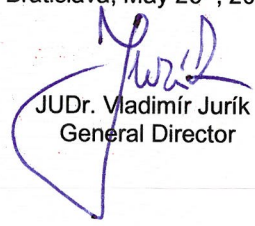
II 3G Ex ic IIC T5 Gc

-20 °C ≤ Tamb ≤ +50°C

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Bratislava, May 26th, 2025


JUDr. Vladimír Jurík
General Director



[13] **Schedule**

[14] **Type Examination Certificate Number: TI25ATEX 9895 X**

[15] Description of product:

Name of product: **Ultrasonic Camera**
Type: SonaVu Plus EX (SonaVu+EX)

The SonaVu Plus EX is an advanced ultrasonic acoustic camera equipped with 112 digital MEMS microphones and a high-speed FPGA-based processor. The SonaVu Plus EX visually represents the location and size of gas leaks that may occur in industrial environments, detecting ultrasonic sounds regardless of gas type. Main parts of the equipment are: microphone, camera, distance sensor, dual light, LCD screen, button and ports for charging, HDMI, USB and audio jack. The SonaVu Plus EX is powered by battery.

Technical data:

Voltage:	DC 7.2 V
Battery capacity:	6700 mAh
Ultrasound Frequency:	2kHz~100 kHz
Battery type:	Li-ion Battery LV0202-35E

[16] Report Number:
Inspection report No: 09895/5/2025-IS-01

- [17] Special conditions for safe use:
- Ambient temperature: $-20^{\circ}\text{C} \leq T_{\text{amb}} \leq +50^{\circ}\text{C}$
 - Warning – Do not open when an explosive atmosphere is present
 - Warning – Do not change the battery in hazardous area
 - Warning – Do not use unspecified battery
 - Replacement of battery shall be done by authorized person only

[18] Essential Health and Safety Requirements:
Covered by the standards listed at item 9.



CERTAF1-571

This certificate may only be reproduced in its entirety and change, schedule included.
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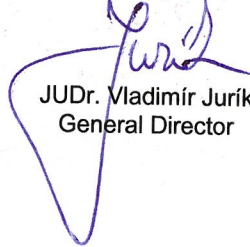
[19] Drawings and Documents:

Number	Sheet	Issue	Date	Description
User Manual	24	Version 1.0.0	04.2025	SonaVu Plus EX User Manual
Private Label Agreement	4	-	04.08.2020	OEM and trage agent agreement
TI25ATEX 3190 X	3	0	16.04.2025	Type examination certificate

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