



1 **EU-TYPE EXAMINATION CERTIFICATE**

2 Equipment intended for use in Potentially Explosive Atmospheres Directive 2014/34/EU

3 Certificate Number: **CSANe 23ATEX1078X** Issue: **0**

4 Equipment: **Scan module for Pixavi Thermal, Pixavi Phone and Pixavi Cam.  
Type 17-S1Z0-0001/0003**

5 Applicant: **BARTEC GmbH**

6 Address: **Max-Eyth-Straße 16  
97980 Bad Mergentheim  
Germany**

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

8 CSA Group Netherlands B.V., notified body number 2813 in accordance with Articles 17 and 21 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this equipment has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in the confidential reports listed in Section 14.2.

9 Compliance with the Essential Health and Safety Requirements, with the exception of those listed in the schedule to this certificate, has been assured by compliance with the following documents:

EN IEC 60079-0:2018      EN 60079-11:2012      EN 60079-28:2015

10 If the sign 'X' is placed after the certificate number, it indicates that the equipment is subject to Specific Conditions of Use identified in the schedule to this certificate.

11 This EU-Type Examination Certificate relates only to the design and construction of the specified equipment. If applicable, further requirements of this Directive apply to the manufacture and supply of this equipment.

12 The marking of the equipment shall include the following:



II 2G Ex ib op is IIC T4 Gb  
II 2G Ex ib op is IIIC T135°C Db  
Ta = -20°C to +60°C



Signed: Michelle Halliwell

Title: Director of Operations

Project Number 80141532

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## SCHEDULE

### EU-TYPE EXAMINATION CERTIFICATE

CSANe 23ATEX1078X  
Issue 0

#### 13 DESCRIPTION OF EQUIPMENT

The Pixavi Phone Scan Module, with integrated Scan Engine from ZEBRA and a range of up to 14 m, for 1D and 2D barcodes and used to capture a variety of business information to streamline everyday business processes.

The replaceable Pixavi Phone Battery Pack is modified to incorporate the scan module. The Pixavi Phone Scan Module utilizes laser targeting, LED flash and a camera to scan bar information.

#### 14 DESCRIPTIVE DOCUMENTS

##### 14.1 Drawings

Refer to Certificate Annexe.

##### 14.2 Associated Reports and Certificate History

Issue	Date	Report number	Comment
0	25 April 2023	R80141533A	The release of the prime certificate.

#### 15 SPECIFIC CONDITIONS OF USE (denoted by X after the certificate number)

15.1 The apparatus shall only be fitted to a Ex certified Pixavi Thermal, Pixavi Phone and Pixavi Cam (17-S13\*-\*\*\*\*/\*\*\*\*\*).

15.2 The apparatus shall not be subjected to a prolific charge generating mechanism (such as might occur in pneumatic transfer of powders or charge spraying in a powder coating process).

#### 16 ESSENTIAL HEALTH AND SAFETY REQUIREMENTS OF ANNEX II (EHSRs)

The relevant EHSRs that are not addressed by the standards listed in this certificate have been identified and individually assessed in the reports listed in Section 14.2.

#### 17 CONDITIONS OF MANUFACTURE

17.1 The use of this certificate is subject to the Regulations Applicable to Holders of CSA Group Netherlands B.V. certificates.

17.2 Holders of EU-Type Examination Certificates are required to comply with the conformity to type requirements defined in Article 13 of Directive 2014/34/EU.

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# Certificate Annexe



Certificate Number: CSANe 23ATEX1078X  
Equipment: Scan module for Pixavi Thermal, Pixavi  
Phone and Pixavi Cam.  
Type 17-S1Z0-0001/0003  
Applicant: BARTEC GmbH

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## Issue 0

Drawing	Sheets	Rev.	Date (Stamp)	Title
11-S130-650020	1 to 1	P1	13-Apr-23	Exploded Assembly Drawing
11-S130-650021	1 to 2	00	13-Apr-23	General Assembly Drawing
11-S130-650022	1 to 1	A	13-Apr-23	Label Drawing
11-S130-650023-BOM	1 to 2	A	13-Apr-23	Critical Component List
11-S130-650024-SCH	1 to 1	0	13-Apr-23	Main Board, Schematic
11-S130-650024-ASY	1 to 2	0	13-Apr-23	Main Board, Assembly
11-S130-650024-PCB	1 to 5	A	13-Apr-23	Main Board, Layout
11-S130-650025-SCH	1 to 1	0	13-Apr-23	Adapter Board, Schematic
11-S130-650025-ASY	1 to 2	0	13-Apr-23	Adapter Board, Assembly
11-S130-650025-PCB	1 to 3	0	13-Apr-23	Adapter Board, Layout
11-S130-650026-SCH	1 to 1	0	13-Apr-23	SE55 FPC, Schematic
11-S130-650026-ASY	1 to 2	0	13-Apr-23	SE55 FPC, Assembly
11-S130-650026-PCB	1 to 3	0	13-Apr-23	SE55 FPC, Layout
11-S130-650027-SCH	1 to 7	0	13-Apr-23	SE55, Schematic
11-S130-650027-ASY	1 to 1	0	13-Apr-23	SE55, Assembly
11-S130-650028-SCH	1 to 7	0	13-Apr-23	PL5000-CM Decoder Board, Schematic
11-S130-650028-ASY	1 to 2	0	13-Apr-23	PL5000-CM Decoder Board, Assembly
11-S130-650029-SCH	1 to 1	A0	13-Apr-23	Battery Scan Module Board, Schematic
11-S130-650029-ASY	1 to 2	A0	13-Apr-23	Battery Scan Module Board, Assembly
11-S130-650029-PCB	1 to 2	A0	13-Apr-23	Battery Scan Module Board, Layout

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