



UNITED KINGDOM CONFORMITY ASSESSMENT

1 **UK TYPE EXAMINATION CERTIFICATE**

2 Equipment Intended for use in Potentially Explosive Atmospheres  
UKSI 2016:1107 (as amended) – Schedule 3A, Part 1

3 Certificate Number: **CSAE 23UKEX1064X** Issue: **0**

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

5 Manufacturer: **BARTEC GmbH**

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

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

8 CSA Group Testing UK Limited, Approved Body number 0518, in accordance with Regulation 42 of the Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres Regulations 2016, UKSI 2016:1107 (as amended), 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 Schedule 1 of the Regulations. 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 has been assured by compliance with:

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

Except in respect of those requirements listed at Section 16 of the schedule to this certificate. The above standards may not appear on the UKAS Scope of Accreditation, but have been added through flexible scope of accreditation, which is available on request.

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

11 This UK TYPE EXAMINATION CERTIFICATE relates only to the design and construction of the specified product. Further requirements of the Regulations apply to the manufacturing process and supply of this product. These are not covered by this certificate.

12 The marking of this product shall be in accordance with Regulation 41 and 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

Name: Michelle Halliwell  
Title: Director of Operations



**SCHEDULE**

**UK TYPE EXAMINATION CERTIFICATE**

**CSAE 23UKEX1064X  
Issue 0**

**13 DESCRIPTION OF PRODUCT**

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 (REGULATIONS SCHEDULE 1)**

In addition to the Essential Health and Safety Requirements covered by the standards listed in Section 9, all other requirements are demonstrated in the relevant reports.

**17 PRODUCTION CONTROL**

- 17.1 Holders of this certificate are required to comply with production control requirements defined in Schedule 3A, as applicable, and CSA Group Testing UK Regulations for Certificate Holders



## Certificate Annexe

Certificate Number: CSAE 23UKEX1064X

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

Manufacturer: BARTEC GmbH

### 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

