



# IECEX Certificate of Conformity

## INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification System for Explosive Atmospheres

for rules and details of the IECEx Scheme visit [www.iecex.com](http://www.iecex.com)

Certificate No.: **IECEX CSAE 23.0015X** Page 1 of 3 [Certificate history:](#)

Status: **Current** Issue No: 0

Date of Issue: 2023-04-25

Applicant: **BARTEC GmbH**  
MAx-Eyth-Straße 16  
97980 Bad Mergentheim  
Germany

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

Optional accessory:

Type of Protection: **Intrinsically Safe and Optical Isolation**

Marking: Ex ib op is IIC T4 Gb  
Ex ib op is IIIC T135°C Db  
Ta = -20°C to +60°C

Approved for issue on behalf of the IECEx  
Certification Body:

**Michelle Halliwell**

Position:

**Director Operations, UK & Industrial Europe**

Signature:  
(for printed version)

Date:  
(for printed version)

1. This certificate and schedule may only be reproduced in full.
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Certificate issued by:

**CSA Group Testing UK Ltd**  
Unit 6, Hawarden Industrial Park  
Hawarden, Deeside CH5 3US  
United Kingdom





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Manufacturer: **BARTEC GmbH**  
MAx-Eyth-Straße 16  
97980 Bad Mergentheim  
Germany

Manufacturing  
locations: **BARTEC GmbH**  
MAx-Eyth-Straße 16  
97980 Bad Mergentheim  
Germany

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEX Quality system requirements. This certificate is granted subject to the conditions as set out in IECEX Scheme Rules, IECEX 02 and Operational Documents as amended

#### STANDARDS :

The equipment and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards

[IEC 60079-0:2017](#) Explosive atmospheres - Part 0: Equipment - General requirements  
Edition:7.0

[IEC 60079-11:2011](#) Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"  
Edition:6.0

[IEC 60079-28:2015](#) Explosive atmospheres - Part 28: Protection of equipment and transmission systems using optical radiation  
Edition:2

This Certificate **does not** indicate compliance with safety and performance requirements other than those expressly included in the Standards listed above.

#### TEST & ASSESSMENT REPORTS:

A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in:

Test Report:

[GB/CSAE/ExTR23.0033/00](#)

Quality Assessment Report:

[DE/TUN/QAR06.0017/14](#)



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## **EQUIPMENT:**

Equipment and systems covered by this Certificate are as follows:

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.

## **SPECIFIC CONDITIONS OF USE: YES as shown below:**

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