



IECEX Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.: IECEx UL 16.0160 Issue No: 0 Certificate history:
Issue No. 0 (2017-01-09)

Status: **Current** Page 1 of 3

Date of Issue: **2017-01-09**

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

Equipment: **Intrinsically Safe Tablet Computer - Agile X IS, Type 17-A1B*-****/*******
Optional accessory:

Type of Protection: **Intrinsic Safety "ia" and Optical Radiation "op is"**

Marking:
Ex ia op is IIC T4 Ga
Ex ia op is IIC T4 Gb
-20°C to +50°C

*Approved for issue on behalf of the IECEx
Certification Body:*

Lucy Frieders

Position:

Staff Engineer

*Signature:
(for printed version)*

Date:

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting the [Official IECEx Website](http://www.iecex.com).

Certificate issued by:

UL LLC
333 Pfingsten Road
Northbrook IL 60062-2096
United States of America





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

Additional Manufacturing location(s):

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 electrical apparatus 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 : 2011 Edition:6.0	Explosive atmospheres - Part 0: General requirements
IEC 60079-11 : 2011 Edition:6.0	Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
IEC 60079-28 : 2015 Edition:2	Explosive atmospheres - Part 28: Protection of equipment and transmission systems using optical radiation

*This Certificate **does not** indicate compliance with electrical 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:

[US/UL/ExTR16.0185/00](#)

Quality Assessment Report:

[DE/TUN/QAR06.0017/08](#)



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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

The device covered by this certificate is a handheld tablet computer with touch screen. It is powered by a non-replaceable, rechargeable, internal battery and an optional, replaceable external battery pack. Connection facilities are provided for a USB stick, an SD card, a SIM card, and other external accessories. The device may be configured with a RFID/NFC reader and/or a laser barcode scanner.

See Annex for additional details.

CONDITIONS OF CERTIFICATION: NO

Annex:

[Annex to IECEx UL 16.0160 Issue 0.pdf](#)

Nomenclature for “Agile X IS” Tablet PC, Type 17-A1B*-**-*****:**

Type 17- A1B *-****/***** (Certification)

3 or 4 – Zone 1 Certified – Ex ia op is IIC T4 Gb

5 or 6 – Zone 0 Certified – Ex ia op is IIC T4 Ga

Type 17- A1B *-****/***** (Display)

1 – 10” Capacitive

Type 17- A1B *-****/***** (WAN Carriers)

0 – None

1 or 2 – 4G/LTE

Type 17- A1B *-****/***** (Operating System)

0-9 – Functions not affecting construction

Type 17- A1B *-****/***** (Processor)

0-9 – Functions not affecting construction

Type 17- A1B *-****/***** (Memory)

0-9 – Functions not affecting construction

Type 17- A1B *-****/***** (Memory)

0-9 – Functions not affecting construction

Type 17- A1B *-****/***** (Camera)

0 – None

1 – 5MP Rear, 2MP Front

Type 17- A1B *-****/***** (External Battery)

0 – None

1 – 7.4V / 4200mAh

Type 17- A1B *-****/***** (Data Aquisition)

0 – None

1 – RFID HF/NFC

Type 17- A1B *-****/***** (Scanner)

0 – None

1 – 1D/2D-Imager SE4500

Type 17- A1B *-****/***** (Customer variants)

A-Z/0-9 – Customer Variants not affecting construction