

1 **EU - Type Examination Certificate**

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

3 Certificate Number: ExVeritas 19 ATEX 0487X Issue: 0

4 Equipment: Flameproof iPad Case w/ iPad

5 Manufacturer: Xciel Inc.

6 Address: 19830 F.M. 1093
Richmond, TX 77407
USA

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

8 ExVeritas, Notified Body number 2585 in accordance with Article 179 of the Council Directive 2014/34/EU of 26 February 2014, certifies that this equipment or protective system has been found to comply with the Essential Health and Safety Requirements relating to design and construction of equipment and protective systems for use in potentially explosive atmospheres given in Annex II to the Directive

9 Compliance with the applicable Essential Health and Safety Requirements has been assured by compliance with the following Standards and section 16 of this certificate:

EN 60079-0: 2012/A11:2013
EN 60079-1: 2014

10 If the sign "X" is placed after the certificate number, it indicates that the equipment is subject to special conditions for safe use specified in the schedule to this certificate.

11 This EU-Type Examination Certificate relates only to the design, construction, examination and tests of the specified equipment or protective system in accordance to the Directive 2014/34/EU. Further requirements of the Directive apply to the manufacturing process and supply of this equipment or protective system. These are not covered by this certificate.

12 The marking of the equipment shall include the following:

 II 2 G Ex db IIC T5 Gb T_a -20°C to +45°C



No. 8613

On behalf of ExVeritas

S. D'Henin
Certification Manager

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The certificate is only valid when it carries an original signature.

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Schedule

13 Description of Equipment or Protective System

Model number(s): XCZ1 Mini 4 or XCZ1 Mini 5 optionally followed by WOC or NIC

This equipment is a flameproof, Ex db aluminium enclosures with a sapphire glass window housing an iPad Mini. The models only vary based on the following options. Option WOC has additional metal tabs covering the front and rear cameras of the internal iPad. Option NIC enclosure also contains the metal tabs, and the iPad internal camera modules are removed. The general dimensions of are 171mm x 240 mm x 17 mm

14 Descriptive Documents

14.1 Associated Report and Certificate History:

Report Number	Cert Issue Date	Issue	Comment
US/ETL/ExTR16.0075/00	IECEX ETL 16.0048X 2017-02-15	0	Initial issue of the Prime Certificate
US/ETL/ExTR16.0075/01	IECEX ETL 16.0048X 2017-05-22	1	
US/ETL/ExTR16.0075/02	IECEX ETL 16.0048X 2018-04-13	2	
2088/A/1	ExVeritas 19 ATEX 0487X	0	Initial issue of new Prime Certificate.

14.2 Compliance Drawings:

Issue 0 of ExVeritas 19 ATEX 0487X

Technical Documents			
Title:	Drawing No.:	Rev. Level:	Date:
*XCZ1 User Manual (17 pages)	XCZ1 User Manual	2.0	05/24/2019
*XCZ1 iPad Mini 4/5 (24 pages)	XCZ1 - EX01004	F	05/25/19
*XCZ1 iPad Mini 4/5 (WOC Model) (23 pages)	XCZ1 - EX01005	F	05/25/19
iPad Mini 4 Internal Components	EX01006	B	05/25/19
*XCZ1 iPad Mini 4/5 (NIC Model) (23 pages)	XCZ1 - EX01007	B	05/25/19
Sapphire Plate	TS-13507	-	6/1/16
Camera Modules Removal Procedure on iPad Mini4 (8 pages)	EX01008	A	04/10/2018
*iPad Mini 5 Internal Components	EX01009	A	05/25/19

*Note: An * is included before the title of documents that are new or revised based on existing IECEX certificate.*

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Schedule

15 Conditions of Certification

15.1 Special Conditions for Safe Use

1. The iPad Mini shall not be removed from the aluminium case.
2. The iPad Mini shall not be charged when hazardous atmospheres are present.
3. The resellers and end users are not allowed to repair the flameproof joints
4. Xciel Inc. is not allowed to repair the flameproof joints
5. The cover bolts should not be removed. They may only be replaced with identical ones: A2 Stainless M5x0.8x8mm Torx head (or Pan Head if Torx head is not available) with at least a Tensile Strength 500.00 MPa and need to be installed with a torque of 5.9 N.m
6. After recharging the iPad Mini, the threads of the plug and female threads should be inspected before re-installation, ensure the power plug is installed with all the threads fully engaged and the set screw tightened using the tool provided. Finally, inspect that set screw is in the groove of the power plug head (M4 x 0.70mm A2-70 6H Stainless Steel Cup Point Hexagon Socket Set Screw)
7. Rubber bumpers must be installed on the equipment at all times to protect corners of the aluminium case, and must be visually inspected for good condition before each use

15.2 Conditions for Use
None

16 Essential Health and Safety Requirements

Essential Health and Safety Requirements are addressed by the standards listed in section 9 and where required the report listed in section 14.1

The manufacturer shall inform the Notified Body of any modifications to the design of the product described by this schedule.

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