

# ***Safety Instructions & Regulations***



## **1. Area of application**

The XCZ1 iPad mini is an Explosion proof (Ex db) Ruggedized iPad mini solution that is designed for industrial use in explosive areas classified as Zone1 in accordance with Directive 2014/34/EU.

## **2. Safety precautions**

These safety instructions contain information and safety regulations that must be observed to ensure safe operation under the described conditions. Failure to follow these instructions and this information can have serious consequences or constitute a violation of the applicable regulations.

Please read through these safety instructions carefully before starting to use the device! In the event of conflicting information, the safety instructions shall take precedence. In the event of any doubt, please contact Xciel.

## **3. Faults and damage**

If there are grounds for you to believe that the safety of the device has been impaired, stop using it and remove it from the hazardous area immediately. Measures should be taken to prevent the device from being used again accidentally. The safety of the device may be impaired under the following circumstances:

- The case is visibly damaged.
- The warranty seal is damaged or has been removed.
- The front glass is cracked or broken
- The device has been damaged in transit.
- The marking or labeling on the device is illegible or non-existent.
- Malfunctions occur.

#### **4. Safety regulations and condition of use**


By using the XCZ1 iPad mini, it is assumed that the user has observed the generally applicable safety regulations and that he/she has read the EC Declaration of Conformity to prevent any incorrect use of the device. The following must be observed without fail:

- The iPad mini should not be removed from the aluminum case. A broken warranty label indicates that the intrinsic safety of the device is no longer guaranteed.
- The iPad mini should not be charged when hazardous atmospheres are present.
- It must be ensured that the device is not taken into, or used in, hazardous areas classified as zone 0 or 20.
- Do not submerge the XCZ1 iPad mini under water.
- The resellers and end users are not allowed to repair the XCZ1 case.
- Xciel Inc. is not allowed to repair the flameproof joints.
- The 19 cover bolts can only be replaced with identical ones: A2 Stainless M5x0.8x8mm Torx head (or Pan Head if Torx head is not available). The torque used should be 20 N.m
- After recharging the iPad mini, ensure the power plug is installed with all the threads fully engaged.
- The main screw on the bottom of the case should be screwed all the way in, before returning/entering in hazardous areas classified Zone1 or Zone2.

#### **5. IECEx and ATEX certificate numbers**

ATEX: ITS16ATEX101450X IECEx: IECEx ETL 16.0048X

#### **6. Product Marking**

 II 2 G Ex db IIC T5 Gb

