

## User Reference Guide

# TACTIVO<sup>TM</sup>

for:

- iPad mini
- iPad mini with Retina display
- iPad Air

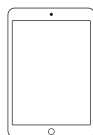
**Guardian Case for Tactivo for iPad mini & Tactivo for iPad Air**



iPad Air  
16GB 32GB 64GB 128GB



iPad mini  
16GB 32GB 64GB



iPad mini  
with Retina display  
16GB 32GB 64GB 128GB





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## 1. Introduction

Tactivo™ for iPad mini and Tactivo for iPad Air are smart card readers that makes strong authentication easy and convenient using a smart card.

The Guardian Case for Tactivo for iPad mini and Tactivo for iPad Air is a rubber case that can be used together with Tactivo and iPad mini and iPad Air. The Guardian Case is sold separately.

For more information on Tactivo and available apps, please visit us at [www.precisebiometrics.com](http://www.precisebiometrics.com).

## 2. General Information

Tactivo should only be used with iPad mini and iPad Air. Tactivo adds smart card functionality and should not be used for any other purpose. Although Tactivo covers a major physical part of the iPad mini and iPad Air, it should not be considered a protective case.

The Guardian Case for Tactivo for iPad mini and Tactivo for iPad Air (sold separately), is a rubber case that can be used together with Tactivo for iPad mini and Tactivo for iPad Air. It offers an extra layer of ruggedized protection for Tactivo and iPad.

Do not allow Tactivo to get in contact with water or other fluids. If this happens immediately disassemble Tactivo from the device and let it dry thoroughly. Do not dry Tactivo using any external sources, such as hair dryers and microwave ovens.

Tactivo is designed to work in the temperature range 32-95°F (0-35°C) and can be stored in the range -4-113°F (-20-45°C )

Handling of Tactivo is the user's responsibility and any action that can damage the product is the user's own responsibility. Do not paint, drop or disassemble Tactivo and do not put it in places or in devices where it can be damaged such as in a clothes dryer.

Tactivo may contain small parts which may present a choking hazard for small children. Keep such parts away from small children.

### **3. System Requirements**

Usage of Tactivo requires an iPad mini, iPad mini with Retina display, or iPad Air with iOS 7.0 or higher.

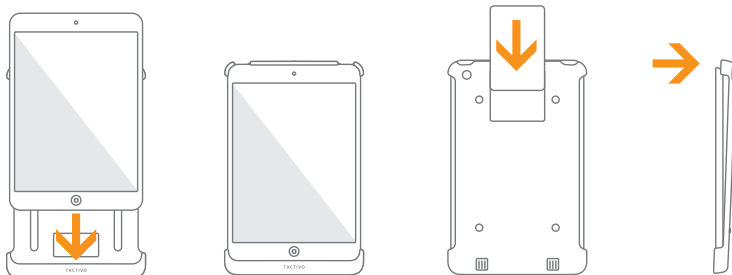
### **4. Card Reader**

The card reader in Tactivo supports ISO 7816-4 compatible smart cards including US credentials PIV, PIV-I, TWIC and CAC. Embossed cards are also supported. Do not use the card reader for other cards or for storage of other things such as business cards.

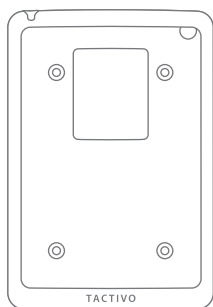
## 5. Installation

### Tactivo for iPad mini and Tactivo for iPad Air

1. Connect the iPad mini or iPad Air to the Tactivo using the built-in connector.
2. Snap the top of the cover in place.
3. Slide in the smart card with the chip side facing away from you
4. To remove, gently separate the top of the Tactivo from the iPad mini or iPad Air then disconnect



### Guardian Case



The Guardian Case for Tactivo can only be used in combination with Tactivo when the iPad mini or iPad Air is fully inserted. Guardian Case for Tactivo cannot be used in combination with the Smart Cover from Apple.

## 6. Maintenance

- Protect Tactivo<sup>™</sup> from any kind of physical damage. Tactivo should not be considered as a protective case for your iPad.
- Do not use paper tissues for cleaning purposes as they may scratch the surface.
- Do not spray cleaner directly onto the device.
- Do not use chlorine-based cleaners, non-chlorine bleach, or chlorine-based bathroom or mildew cleaners.
- Do not use any solvents, such as acetone, paint thinners, turpentine, etc.

## 7. Charging & Synchronizing

Your iPad mini and iPad Air can be charged through a wall outlet using an AC adapter and micro USB cable without disconnecting your Tactivo from the device.

Your iPad mini or iPad Air can be synchronized using Wi-Fi communication. If you want to use a cable for synchronization, Tactivo needs to be disconnected from your iPad mini or iPad Air first.

Tactivo should be used exclusively with supported iPad models. Do not connect it to any other device.

Do not bend or twist the micro USB cable while connected to Tactivo.

Only use approved iPad mini and iPad Air chargers.

Do not attempt to use the Lightning connector-based docking stations without removing Tactivo from the device.

Never force a connector into a port. This might damage the product.

## 8. Apps for Tactivo

The use of apps for Tactivo is entirely at the user's sole risk. Precise Biometrics has no liability whatsoever and disclaims all responsibility for the usage of apps for Tactivo.



## 9. Electromagnetic Compatibility

Electromagnetic compatibility (EMC) is the ability of electronic equipment to function properly together in the electronic environment.

### CE Notice (Europe)\*

Tactivo meets the following technical standards:

- EN 301 489-1:2011
- EN 61000-4-2:2008
- EN 55022:2006 – A1:2007
- EN 61000-4-3:2006 – A1:2008

### FCC Information (USA)\*

Tactivo for iPad mini (P/N SAA 133 1009) and Tactivo for iPad Air (P/N SAA 130 1000) comply with Part 15 (Class B) of the FCC Rules . Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

\* certification is pending for Tactivo for iPad Air

**NOTE:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

**CAUTION:** Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

**CONTACT:** Precise Biometrics AB, Scheelevagen 30, Lund, Sweden 220 07

## 10. Environment

- RoHS compliant
- WEEE compliant
- Tactivo for iPad mini and Tactivo for iPad Air should be recycled as electrical waste.
- Guardian Case for Tactivo for iPad mini and Tactivo for iPad Air is classified as combustible waste (energy recycling).