



## Product Manual

ES-IC1355 Active Wrist-Watch Tag

---

Rev.1.0 — 2010

File No. GSW 2010-001-CP3-100

*More 'E', Square Experience*



## Contents

<i>Contents</i> .....	1
1. <i>Statement</i> .....	2
2. <i>Important information</i> .....	4
3. <i>Product Appearance</i> .....	6
4. <i>Product Specifications</i> .....	6
5. <i>Use of Product</i> .....	7
5.1. <i>Working status</i> .....	7

More E<sup>2</sup>, Square Experience

## 1. Statement

CopyRight©2010~2012 Guangzhou ESquare Electronic Equipment Co., LTD. Hereinafter referred to ESquare. All rights are reserved by Guangzhou ESquare. Without the prior written permission of Guangzhou ESquare, any unit and individual are not allowed to extract and copy some or all of the contents of this manual, or transmit in any way.

**ESquare**, ,  logo are the property of Guangzhou ESquare Electronic Equipment Co., LTD. For other companies' logos, product logos or product names appear in this manual belong to their own respective rights holders all.

Guangzhou ESquare ensures that this material does not infringe any patent in China.

Unless otherwise agreed, the manual is only used for product specifications' instruction and guidance, all statements, information or suggestion in this manual do not constitute any explicit or implied guarantee.

Guangzhou ESquare will not take any responsibility of the error in this document, or any problem caused by the content. Guangzhou ESquare will correct the errors once getting the report from users.

Guangzhou ESquare reserves the right to change products any time, and has no obligation to provide relevant adjustments to the earlier products.

## Maintenance

It is not allowed to change any product component by users. Please do not open or remove the product casing to expose the inside. The product must be maintained by Guangzhou ESquare official customer service department or an official service provider. Otherwise, all statements or implied warranty will be invalid.

More 'E' Square Experience

## 2. Important information

Before using this product, please read and understand all instructions. The damage caused by violated the instructions are not covered under warranty.

---

### Security

- ▲ Avoid electric shock or fire;
  - Do not exposure the product in rain or water for a long time. Do not place the product next to the liquid container. If you spill liquid inside the product, immediately disconnect the power supply. And contact Guangzhou ESquare customer service department for checking before using again.
  - Do not put products near the fire or other heat sources (including sunlight).
  - Do not plug any other stuff except the product's own joint to the interface of products (including the power interface, data interface, and other outside interface).
  - Make sure the electrical wire will not tighten when installing. As tighten the power cable may cause connection abnormal, and then make a fire.
- ▲ Avoid short-circuit or fire;
  - Please avoid to pull the power cable. As tighten the power cable may cause connection abnormal, and then make a fire.
- ▲ Avoid physical injury;
  - When installing the product, be sure to set the product on the surface securely which can withstand the total weight of the product.
  - If the product can not be directly installed in a reliable surface, please use the bracket which can withstand the weight of the product. And the bracket should be fixed on the surface which can withstand the total weight of products and bracket. Guangzhou ESquare will not take any responsibility of accident, physical injury or loss as a result of improper installation.
- ▲ Avoid superheat! Make sure that the product does not work in the environment which temperature is higher than the designed limits;
- ▲ Avoid equipment damaged! Before connecting with the power supply, make sure the power supply voltage is match with the nominal value of the product, and check if the power supply polarity is correct. If the voltage or polarity different, do not connect the product with the power supply;
- ▲ Avoid physical injury, fire or power cable damaged! Do not put any object on the product or power cable.

## FCC Certification Mark

### Warning

Any change on equipment by users without the permission will result in the losing the right to use the equipment;

This device complies with Part 15 FCC specifications, and operation complies with the following conditions : (1) The device may not cause harmful interference, and (2) The device must tolerate any interference, including interference could lead to misuse;

### 3. Product Appearance

Thank you for using the product of Guangzhou ESquare.

The product appearance you purchase may be as shown:



Guangzhou ESquare reserves the right to change products any time. If you have any questions on the appearance of the product, please contact directly with Guangzhou ESquare technical support department.

### 4. Product Specifications

There will not have any further notice when products have been modified. Please contact Guangzhou ESquare directly for the details of product.

Parameter		Range
Basic parameters	Rated voltage	3.6V
	Cell Utility Time	$\geq 3$ Years
	Operating Temperature	-20° C~+55° C
	Waterproof rating	Conform to IPx7 Standard, Soaking for 30 minutes without leakage

RF parameters	Operating frequency	2400~2483.5MHz SimpleID Protocol, Channels 0
	Peak value transmitting power	1mW
	Air Interface Protocol	SimpleID Protocol, Transmission of low immunity
Tag parameters	Basic Function	Vandal resistant; Zone location; Low cell or voltage warning

## 5. Use of Product

### 5.1. Working status

The tag is at working status when being produced.

The tag transmits once for every other 1s, and no more than 200us each time.