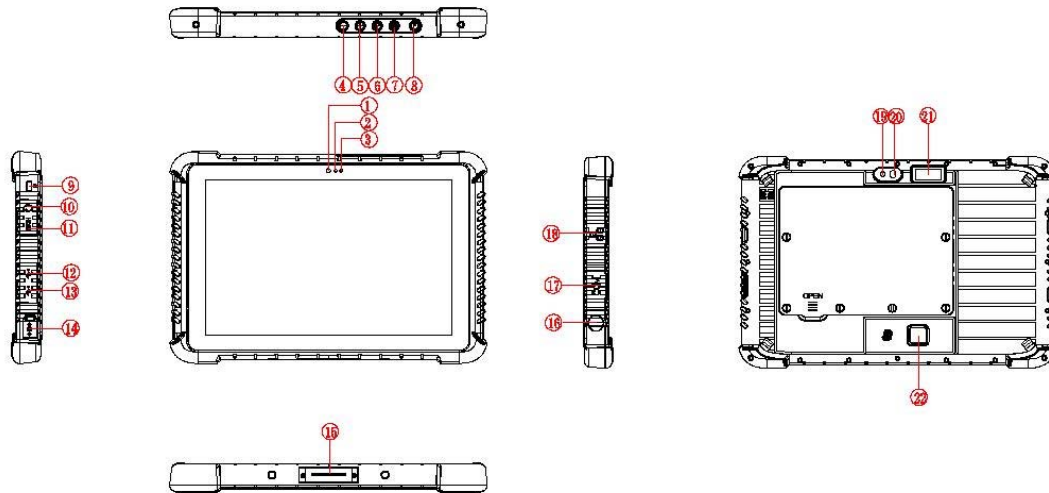# TRT-A5380-10 User Manual

Preface

Summary:

Hello, respected users, thank you for using our products; in order to familiarize you with the products more quickly, please refer to the documentation for problems encountered in the use process. This document mainly introduces the EM-T16 project fuselage interface and system usage instructions, through the picture instruction information to enable users to quickly understand the use of products. When you encounter unsolvable problems in use, please contact our technical staff to deal with them. Thank you for your trust.

Catalog

File name	TRT-A5380-10 User Manual			
Document number	0002		Edition	V1.0
Issue date	2017-04-19		Page number	

Change record

Serial number	Change number	Edition	Date of change	Change content	Maintenance department
1	YDXX-02	V1.0	2017-04-28	First episode	Customer service department FAE

2.Key Layout and Definitions

①**Front camera:**camera, video

③**Light sensor**：Perception of external pipeline strength, electrical signal to CPU

⑤ ④**voice sound +/ voice sound-:** increase/reducethe volume

⑥**Custom buttons:** for customer defined function keys

⑦**Power button:**to start or close touch screen panel. You can also let the computer

⑧**Scan code key:** the device equipped with scan code module can be controlled by this button scan code

⑨**Lock hole:** used to lock the limited use of equipment

⑩**Earphone Jack:** the jack support outputs the audio signal to a loudspeaker or Headset

⑪ **HDMI interface:** High-Definition Multimedia, Interface, high definition multimedia interface

⑫**Micro USB 2.0:**data transmission by inserting the micro USB 2.0 interface device

⑬**U handicap:**data transmission by inserting the micro USB 2.0 interface device

⑭**Charging interface:** charging the tablet via DC adapter

⑮**POGO PIN:**Device for connecting base

⑯**Aircraft plug connection:** a device for connecting an air connector

⑰**RS232 serial interface:** used to connect the device with RS232 serial interface

⑱**Ethernet interface:** used to connect Ethernet connections

⑲**Rear camera:**camera, video

㉑**One dimensional / two-dimensional code scanning head:** the same press the scan button, activate the scanning head to get the barcode image information

㉒**Fingerprint input sensor:** used in the past fingerprint information

3. Desktop and Menu Layout

①Lock screen interface
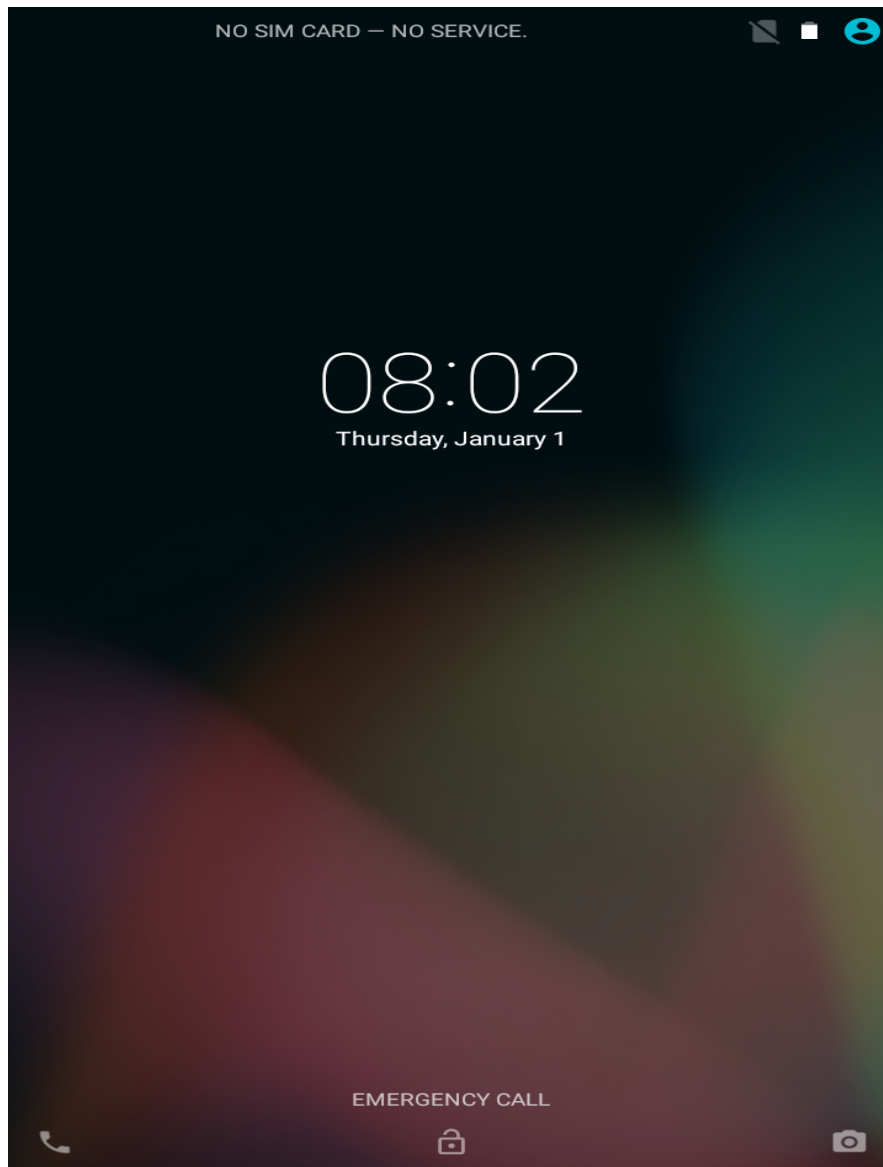
②**Desktop Layout**
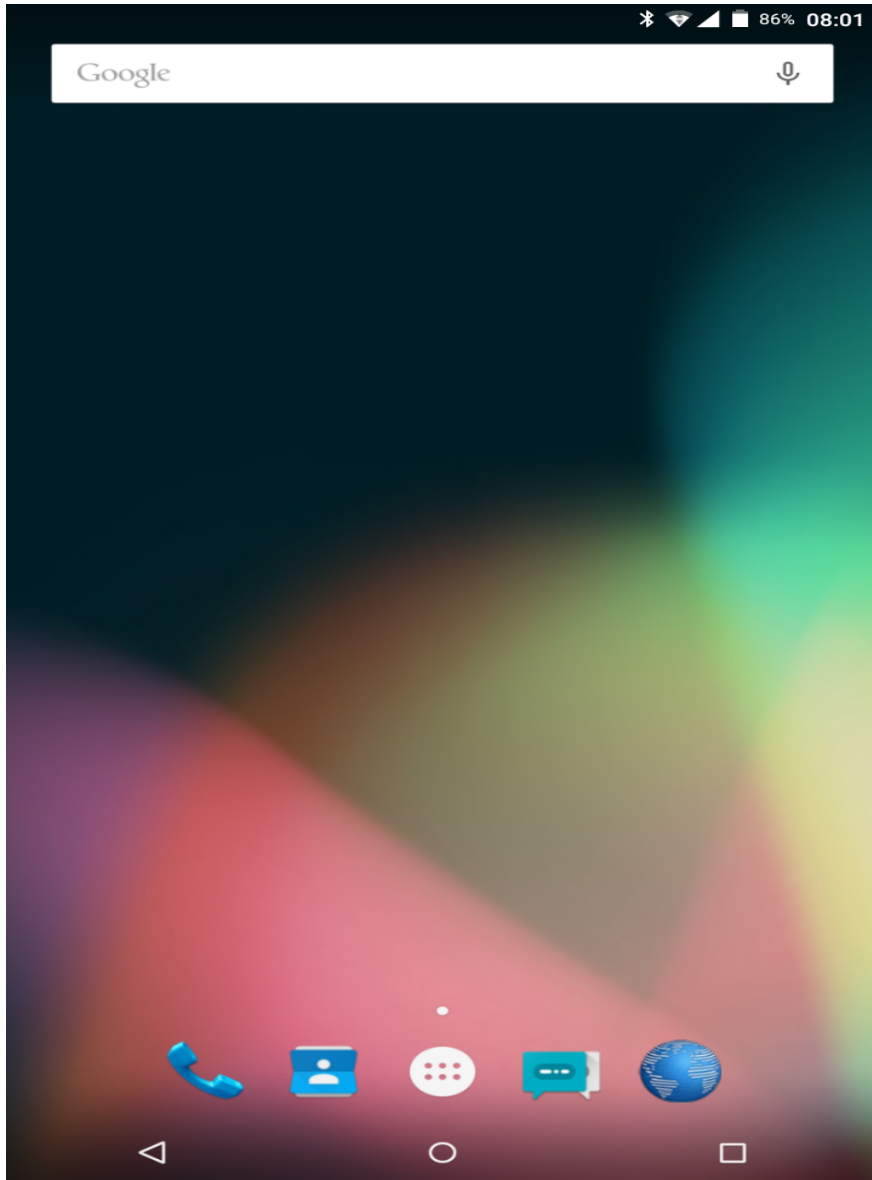
③system menu
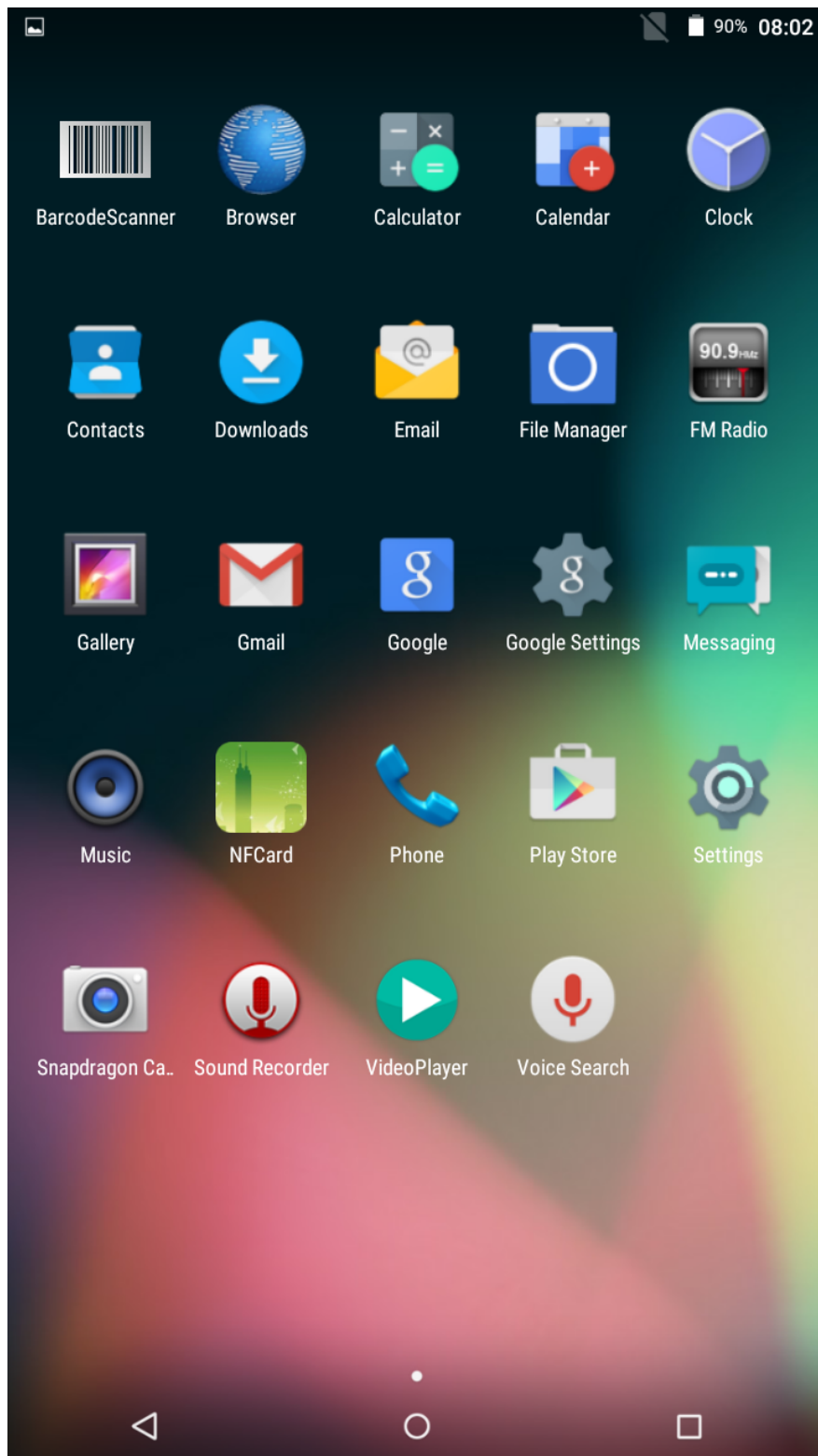
4. Use warnings:

①. With the wrong type of battery replacement will be explosive danger, be sure to use the original battery.

②. The company shall not take any responsibility for the loss or removal of the information in the tablet, which is caused by the operation, maintenance or other accidents of the non-normal operation of the software and hardware.

③. Please backup your important information at any time.

④. Please do not disassemble the tablet; otherwise it will lose the right to guarantee.

⑤. Adapter description:

INPUT: 100-240V~50/60Hz 0.5A OUTPUT:5V DC 3A

Manufacturer's Name: Shenzhen Emdoor Information Co.,Ltd.

Address: 3/F,2/F-1,Building 5 And 2/F-1,3/F-4 Building 6,Wonderful Life Wisdom Valley, No.83
  Dabao Rd,Shanghe community, Xin'an Sub-district,Bao'an district,Shenzhen518101,
  Guangdong Province,China

Product name : Teguar Rugged Tablet
Model number: TRT-A5380-10

This device was tested for typical body-worn operations. To comply with RF exposure requirements, a minimum separation distance of 0mm must be maintained between the user's body and the handset, including the antenna. Third-party belt-clips, holsters, and similar accessories used by this device should not contain any metallic components. Body-worn accessories that do not meet these requirements may not comply with RF exposure requirements and should be avoided. Use only the supplied or an approved antenna.

This device in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU. All essential radio test suites have been carried out.

1.   Use careful with the earphone maybe possible excessive sound pressure from earphones

and headphones can cause hearing loss. $C\epsilon$

2.   CAUTION : RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE. DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS

3. The product shall only be connected to a USB interface of version USB 2.0

4.   Adapter shall be installed near the equipment and shall be easily accessible.

5.   The plug considered as disconnect device of adapter

6.   The device complies with RF specifications when the device used at 0mm form your body

Function	Operation Frequency	Max RF outputpower:	Limit
BLE	2402MHz–2480MHz	9.04dBm	20 dBm.
BT(BR+EDR)	2402MHz–2480MHz	8.14 dBm	20 dBm.
WIFI 802.11b/g/n(HT20,HT40) 2.4G	802.11b/g/n(20MHz): 2412~2472MHz; 802.11n(40MHz):2422~2462MHz	13.04dBm	20 dBm.
5.2G WIFI 802.11a/n(HT20,HT40)	802.11a/n20:5180~5240MHz; 802.11n40:5190~5230MHz;	802.11a: 12.06dBm; 802.11n20: 11.79dBm; 802.11n40: 11.71dBm;	23 dBm.
5.8G WIFI 802.11a/n(HT20,HT40)	802.11a/n20: 5745-5825 MHz 802.11n40: 5755-5795 MHz	802.11a:12.73dBm; 802.11n20: 12.30dBm; 802.11n40: 11.93dBm;	13.98dBm
This product can be used across EU member states.			

RF POWER

This device complies with part 15 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.

15.21 Information to the user.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. 15.105 Information for the user.

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 theinstructions, may cause 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.

- Connecting the equipment to a socket on a circuit different from that to which the receiver is connected.

- Contact with the provider or a radio f TV technician for help.

Specific absorption rate (SAR):

This Teguar Rugged Tablet meets the government's requirements for exposure to radio waves. The guidelines are based on standards developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a margin of safety designed to ensure the safety of all people regardless of their age or health.

The FCC Statement of Exposure to RF and the SAR limit for the United States (FCC) is 1.6 W/kg average for each gram of tissue. This device was tested for typical operations of use on the body, with the back of the phone at 0mm from the body. To maintain compliance with FCC RF exposure requirements, use accessories that maintain a distance of 0mm between the user's body and the back of the phone. The use of belt clips, covers and similar accessories must not contain metallic components in their assembly. The use of accessories that do not meet these requirements may not meet FCC RF exposure requirements and should be avoided.

Functioning in the body

This device was tested for typical operations of use in the body. To comply with RF exposure requirements, a minimum separation distance of 0mm must be maintained between the user's body and the telephone, including the antenna. Third-party accessories such as belt clips. covers and similar accessories used with this device should not contain metallic components, accessories that do not meet these RF exposure requirements and should be avoided from use on the body. Use only the supplied antenna or an approved antenna.