# HT16

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| Warming: Before operating this equipment, please read the following content | |
|---|---|
| ★ | During charging, do not force remove the battery to prevent damage equipment. |
| ★ | If you open or damage the cabinet itself will not enjoy the warranty service. |
| ★ | Please pay attention to protecting the screen, to prevent wear and tear, or extrusion. Such injuries are considered to be man-made damage. |
| ★ | Please backup data. The Company is not responsible for product failure resulting in data loss caused by all direct or indirect losses. Especially before replace the battery in the more necessary to the backup data. |
| ★ | This equipment is a precision electronic equipment, do not put it in the static environment with strong waves. |
| ★ | This device contains a lithium-ion battery. If the battery is not handled properly, there will be fire and burn hazard. Do not disassemble, crush, puncture, do not short the external battery connector, but can not be put into fire and water. Do not attempt to open or maintain the battery, the battery can only be specified using the product to be replaced. Dispose of the battery, do not be thrown away. |
| ★ | This product is professional equipment, do not |

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| | |
|---|---|
| | install without our certified third-party applications, otherwise it will cause system damage. |
| ★ | As a result of updated version of the software interface and functions to change without notice. |

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Quick Guide

Overview:

Smart mobile data collection terminal is EDMI Technology Co., Ltd. independently developed a new wireless data acquisition products, embedded design, with low power consumption, large screen, stable and efficient, the entire Chinese operating system, support Sub 1G RF ,etc.

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Product performance

| Project | Features |
|---|---|
| CPU | With ARM9 32-bit processor, the main frequency of 400MHz |
| Operating System | Support for Microsoft Windows CE 5.0 simplified Chinese version |
| Memory | 64Mb/128Mb |
| FLASH Memory | 256Mb |
| Display | 2.8 inch TFT true color with 240 * 320 resolution Handwritten touch screen |
| Wireless | Sub 1G RF, Frequency range 915~918.6MHz |
| Data Backup | Double backup of SD card and FLASH |
| Secondary development | MS-EVC4.0 and above, or MS-VS2005 |
| Protection class | IP54 |
| Drop resistance | 1.5 m free fall |
| Ambient temperature | Use: 0 ℃ -50 ℃ Storage: -20 ℃ -70 ℃ |
| Interface | USB,SD Card |
| Size | 180MM*66MM*31MM |
| Weight | |

External Structure

Positive：

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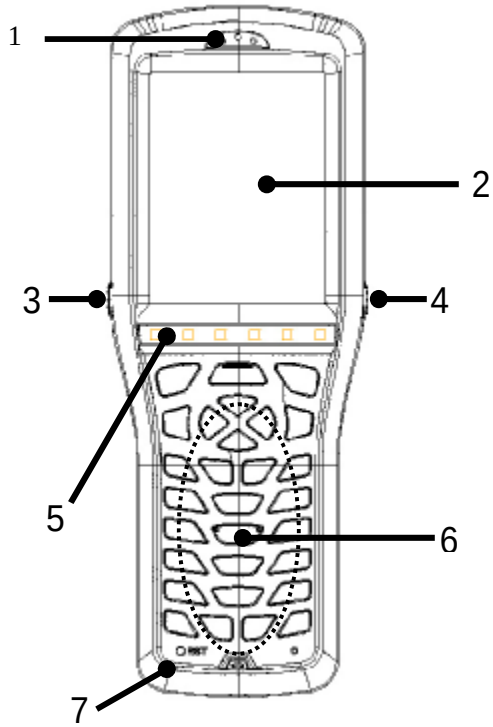


Figure 1

| No. | Name | No. | Name |
|---|---|---|---|
| 1 | Speaker | 2 | Screen and touch screen |
| 3 | Left (other applications) | 4 | Right (other applications) |
| 5 | Power and charging indicator | 6 | Keyboard |

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| | |
|---|---|
| 7 | RESET button |

Back：

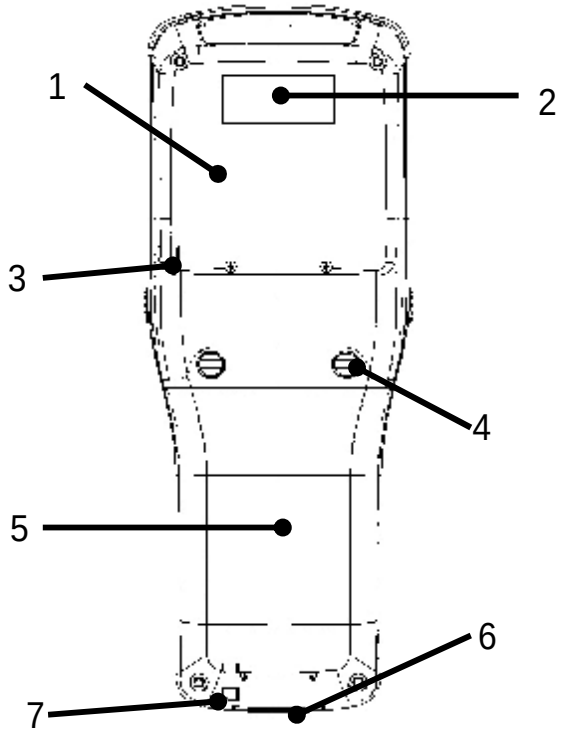


Figure 2

| No. | Name | No. | Name |
|---|---|---|---|
| 1 | Extended cover | 2 | Tags |
| 3 | Touch pen | 4 | The battery compartment cover lo |
| 5 | The battery compartment cover | 6 | Data socket |

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| | |
|---|---|
| 7 | Lanyard hole |

Side：

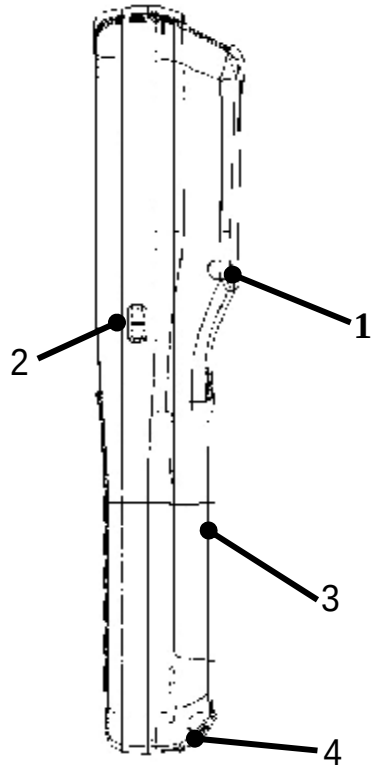


Figure 3

| No. | Name | No. | Name |
|---|---|---|---|
| 1 | Touch pen jack | 2 | Side buttons |
| 3 | The battery compartment cover | 4 | Strap buckle |

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Key features

| Button | Function |
| --- | --- |
| | Power button, turned off click start. turned on, click into the sleep / wake-up for 3 seconds after the shutdown. |
| | Green Ribbon switch button, press the keyboard function to switch to green |
| | Yellow Ribbon switch button, press the keyboard function to switch to yellow |
| | Blue Ribbon switch button, press the blue function after the switch to the keyboard |
| | Arrow keys - left |
| | Arrow keys - Right |
| | Arrow keys – Up |
| | Arrow keys - Down |
| | Exit |

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| | |
|---|---|
| | Line or the implementation of selected projects |
| | SHIFT key, blue mode, adjust the volume |
| | Delete the character before the cursor, or indicate a sense of movement back, blue state, said backlight adjustment |
| | Spare key |
| | Left softkey |
| | Right softkey |
| | Digital -1 yellow mode be expressed as a symbol !, blue mode be expressed as function key F1 |
| | Digital -2 yellow mode be expressed as a symbol @, blue mold be expressed as function key F2, green mode be expressed as the letters ABC |
| | Digital -3 yellow mode be expressed as a symbol #, blue mold be expressed as function key F3, green mode be expressed as the letters DEF |

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| | |
|---|---|
| | Digital -4 yellow mode be expressed as a symbol $, blue mold be expressed as function key F4, green mode be expressed as the letters GHI |
| | Digital -5 yellow mode be expressed as a symbol %, blue mold be expressed as function key F5, green mode be expressed as the letters JKL |
| | Digital -6 yellow mode be expressed as a symbol ^, blue mold be expressed as function key F6, Green mode be expressed as the letters MON |
| | Digital -7 yellow mode be expressed as a symbol *, blue mold be expressed as function key F7, Green mode be expressed as the letters PQR |
| | Digital -8 yellow mode be expressed as a symbol &, blue mold be expressed as function key F8, Green mode be expressed as the letters TUV |
| | Digital -9 yellow mode be expressed as a symbol /, blue mold be expressed as function key F9, Green mode be expressed as the letters WXYZ |
| | Digital -0 yellow mode be expressed as a symbol ., blue mold be expressed as function key F10 |

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| | |
|---|---|
| | Symbol - (yellow mode be expressed as a symbol +, blue mold be expressed as button for the Start Menu |
| | Symbol -) yellow mode be expressed as a symbol -, blue mold be expressed as right-click menu |

Random Accessories

| Item | Quantity | Remarks |
|---|---|---|
| Device Host | 1 | |
| AC Adapter | 1 | Input:AC100-240V 50Hz/60Hz |
| USB cable | 1 | And computer sync, and charge the battery with the machine |
| Lithium Battery | 1 | |

Optional Accessories

You can be paid to the Company and dealers have the following options:

- Thick lithium-ion battery
- USB extension cable
- Charging / communication base

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# Getting Started

## Battery installation and replacement

1. Make sure the device is turned off
2. The battery compartment cover lock screw counter-clockwise rotation
3. Open the back cover
4. Put the battery into the battery compartment
5. Close the back cover
6. The battery compartment cover lock screw clockwise, lock the battery compartment

## Boot and shutdown

1. Power

   Put a fully charged battery into the device's battery compartment, tap the button ，wait a system boot screen will appear (see Figure 4),after the boot progress, that entered the WinCE operating system (see Figure 5),than can be related applications.

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Figure 4

Figure 5

In the first boot, please system comes with a "stylus calibration "procedure for calibration. Specific, steps are as follows:

(1) Click the button lower left corner of the screen, select Settings menu under "Control Panel" menu item.

(2) Select the "Pen" key (see Figure 6), double-entered.

Figure 6

(3) Select the "calibration" property page, then click the "recalibration" button (see Figure 7)

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for calibration.

Figure 7

(4) The on-screen prompts to complete the calibration

If the device uses the process, which does not match with the actual location when clicked, such as the operation can be re-calibrated.

2. Off

When turned off, before running your device in all applications currently shut down to prevent data

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loss.

After more than three seconds long button , the device will automatically turn off the screen, then release the button , the system begins to process shutdown until the power indicator light turns off, it means that the device is normally closed. This process according to the actual situation , needs a few seconds to complete, please be patient during this period, not many other buttons or keyboard keys, so as to avoid loss of data.

Battery Charge

Some of the new battery charge, the battery before use full power. Charge the battery can choose one the following ways:

1. Equipped with the battery charger into the random, the plug charger access to electricity.
2. The battery into the battery compartment in the device. The AC adapter (or USB cable) into the appropriate port in the device, and access to the mains AC adapter (USB cable to access the computer USB port.)

Note：To ensure rapid and efficient completion of the battery charging, we recommend the use of AC adapter or

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USB cable charging, please turn off the machine after charging.

When the battery is low, the task bar at the bottom of the screen displays the low battery icon (see Figure 9), when the battery is very low, the device will display a warning message (see Figure 10), such as the above, please save the data immediately Later, and charge the battery.

Figure 9 Figure 10

The use of SD card

Open the battery compartment, remove the battery, put the SD card into your device SD card slot

SD card inserted in the "My Device " will appear in the "Storage Card" directory (see Figure 11), the

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directory is the SD card device directory, the contents of the directory operation is the operation of the SD card.

Figure 11

Sleep and wake up

1.Dormancy

Open state in the device, if you need to go to sleep, to achieve power, you can light button once (press

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duration can not exceed 3 seconds, otherwise will be treated as off operation), the device will immediately turn off the screen. At this time to sleep, to sleep, the keyboard and touch screen will stop responding until the wake-up.

The state of the device open, if it is long time operation, the device will automatically enter sleep mode to reduce power consumption.

2. Wake

Dormant state in the device, wake the device if needed, just a light button , the device immediately wake up, wake-up device can be normal after the operation.

Note: Be careful not to use multiple clicks in a short time frequent key sleep / wake-up operation, or may cause screen damage and data loss.

Taskbar

In the bottom of the screen a toolbar is the system tray, as shown in Figure 12:

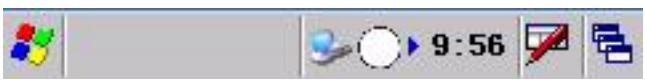


Figure 12

Icon to the Start menu, click on some menu items

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will, by selecting the appropriate menu item can run the application (see Figure 13).

Figure 13

Input menu appears after clicking the menu items currently available input method, click the menu item to switch the input method, the menu offers soft keyboard input method support.

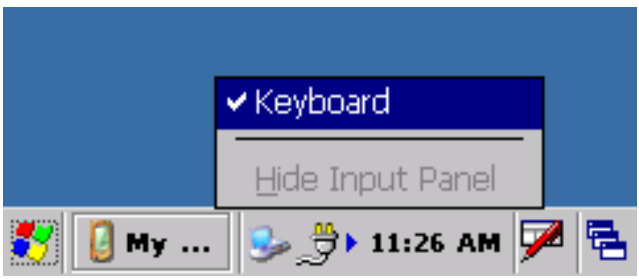


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Figure 14

Figure 15

Current task menu will appear after clicking the task of all current entries can be achieved by clicking on the task switching.

Figure 16

10:02 Clock item, display the current time, you can double click into the "Date / Time Properties" page to set the time, date and time zone and other attributes. You can select -> "Settings" -> "Taskbar and Start Menu " in the "Show Clock " check box in front of the item on the time display on and off.

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Figure 17

Figure 18

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Desktop

In the task bar at the top of the area known as the desktop, the desktop icons and put a shortcut to some common connection, you can quickly select applications.

By pressing the touch screen, will prompt a desktop menu, via the menu item you can create a folder on the desktop, shortcuts, you can choose the icon arrangement, and view the desktop properties.

Figure 19

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Figure 20

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Figure 21

Device Reset

When the equipment fails or can not boot system is running, you can reset the device to restart device.

With a touch pen or other non-sharp object into the reset pin hole (see Figure 2) seconds after pressing out more than 1 can be realized a device reset; You can also remove the battery and power on again to reset the device.

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## Appendix I Troubleshooting

### Problems and Solutions

### 1. Equipment and system failures

| Problem | Solution |
|---|---|
| Terminal does not start | • Ensure that the batteries are installed correctly<br>• Replace the battery with enough power<br>• Remove the battery and re-install the battery<br>• Device Reset |
| Touch screen not responding | • Clean the touch screen<br>•Re-calibration using the calibration routine<br>• Restart the device |
| Screen does not show | • Verify that the device is in sleep mode<br>• Restart the device<br>•Replace the battery with enough power |
| Keyboard does not respond | • Verify that the device is in sleep mode<br>• Restart the device<br>•Replace the battery with enough power |
| SD card not recognized | • Confirm the anti-SD card is plugged in<br>• Sure SD card is inserted firmly |

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| | |
|---|---|
| | • Confirm whether the damage to the SD card<br>• Restart the device<br>•Replace the battery with enough power |
| Battery will not charge | • Confirm whether the damage to the AC adapter<br>• Sure AC adapter is connected to utility<br>• Sure AC adapter is plugged firmly |

2.Network and communication failure

| Problem | Solution |
|---|---|
| USB connection not recognized | • Confirm the USB connection is plugged<br>• Confirm the PC Install the driver<br>• Restart the device<br>• Re-plug USB cable |

## Appendix II maintenance

• Do not use this equipment dedicated charger and battery, so as not to damage the device

• Do not touch the screen scraping. Use the provided stylus. Do not use the screen pen, pencil or other sharp objects.

• Do not drop or subject it to strong terminal shock at high altitude

• Do not use corrosive environment terminal

• Do not use the terminal stored in direct sunlight, high humidity,

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and location near heat sources

- Do not put equipment into the water
- Such as the dirty surface of the screen, use soft cloth with diluted detergent to clean the screen.
- Disposed of in accordance with the provisions of the lithium-ion batteries used. Do not end in fire, or they may explode.

## Appendix III Customer Service

In the computer connected to the Internet through the browser to access www.justones.com, obtain the latest information on products and accessories

Warranty: host portion of the date of purchase, enjoy 12 months of warranty service, accessories and parts have 3 months warranty; when unable to provide proof of purchase, the date calculated by the factory.

## Appendix IV to the other

Note 1: For the second development of the user, upon request and related support documents and routines.

Note 2: available from our website to obtain the latest manual version.

Note 3: In the operation, such as the problems can not

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be resolved through the manual, you can contact us or visit our website for help.

# FCC Caution.

**§ 15.19 Labelling requirements.**
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 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 to the user.**
**Note:** This equipment has been tested and found to comply with the limits for a Class B digital device,

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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.

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