unitech
because we care

Wearable Terminal

- WD200 -

User's Manual

Version 1.3

© 2021 unitech Electronics Co., Ltd. All rights reserved.
unitech is a registered trademark of unitech Electronics Co., Ltd.
All product and company names are trademarks, service marks, or registered trademarks of their respective owners
Android is a trademark of Google LLC.

Revision History

Date	Change Description	Version
20210308	first published version	1.0
20210315	Update WWANLTE	1.1
20210317	Add tumble testing result	1.2
20210318	Update 1.4 Getting started	1.3

© 2021 unitech Electronics Co., Ltd. All rights reserved.
unitech is a registered trademark of unitech Electronics Co., Ltd.
All product and company names are trademarks, service marks, or registered trademarks of their respective owners
Android is a trademark of Google LLC.

Preface

About This Manual

Thank you for purchasing the unitech product.
This manual explains how to install, operate and maintain our product.
No part of this publication may be reproduced or used in any form, or by any electrical or mechanical means, such as photocopying, recording, or information storage and retrieval systems, without permission in writing from the manufacturer. The material in this manual is subject to change without notice.

Regulatory Compliance Statements

FCC Warning Statement

This device 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 with radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference with 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

© 2021 unitech Electronics Co., Ltd. All rights reserved.
unitech is a registered trademark of unitech Electronics Co., Ltd.
All product and company names are trademarks, service marks, or registered trademarks of their respective owners
Android is a trademark of Google LLC.

which the receiver is connected.

–Consult the dealer or an experienced radio/TV technician for help.

1. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.
2. This device complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. To maintain compliance with FCC RF exposure requirements, avoid direct contact to the transmitting antenna during transmitting.
3. Any changes or modifications (including the antennas) made to this device that are not expressly approved by the manufacturer may void the user's authority to operate the equipment.

FCC Label Statement

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.
2. This device must accept any interference received, including interference that may cause undesired operation.

RF Radiation Exposure Statement

For body contact during operation, this device has been tested and meets FCC RF exposure guidelines when used with an accessory that contains no metal and that positions the handset a minimum of 0 mm from the limb.
Use of other accessories may not ensure compliance with FCC RF exposure guidelines.
SAR Rate : 1.3 (W/KG)

European Conformity Statement

unitech Electronics co., Ltd herewith declares that the unitech product is in compliance with the essential requirements and all other provisions of the RED 2014/53/EU directive.
The declaration of conformity is available for download at :

© 2021 unitech Electronics Co., Ltd. All rights reserved.
unitech is a registered trademark of unitech Electronics Co., Ltd.
All product and company names are trademarks, service marks, or registered trademarks of their respective owners
Android is a trademark of Google LLC.

https://portal.unitech.eu/public/Safetyregulatorystatement

CE RF Exposure Compliance

For body-worn operation, this device has been tested and meets the ICNIRP guidelines and the European Standard EN 62209-2, for use with dedicated accessories, SAR is measured with this device at a separation of 0.5 cm to the body, while transmitting at the highest certified output power level in all frequency bands of this device. Use of other accessories which contain metals may not ensure compliance with ICNIRP exposure guidelines.

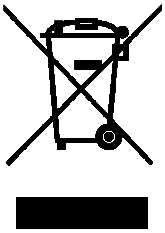
CE Mark Warning

© 2021 unitech Electronics Co., Ltd. All rights reserved.
unitech is a registered trademark of unitech Electronics Co., Ltd.
All product and company names are trademarks, service marks, or registered trademarks of their respective owners
Android is a trademark of Google LLC.

RoHS Statement

This device conforms to RoHS (Restriction Of Hazardous Substances) European Union regulations that set maximum concentration limits on hazardous materials used in electrical and electronic equipment.

Waste electrical and electronic equipment (WEEE)



unitech has set up a policy and process to meet the 2012/19/EU concerning electronic waste disposal.

For more detailed information of the electronic waste disposal of the products you have purchased from unitech directly or via unitech's resellers, you shall either contact your local supplier or visit us at : https://portal.unitech.eu/public/WEEE

© 2021 unitech Electronics Co., Ltd. All rights reserved.
unitech is a registered trademark of unitech Electronics Co., Ltd.
All product and company names are trademarks, service marks, or registered trademarks of their respective owners
Android is a trademark of Google LLC.

Taiwan NCC Warning Statement

低功率電波輻射性電機管理辦法

第十二條：經型式認證合格之低功率射頻電機，非經許可，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。

第十四條：低功率射頻電機之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。
前項合法通信，指依電信法規定作業之無線電通信。
低功率射頻電機需忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。
SAR標準值2.0W/KG, 送測產品實測值為: 1.3 (W/KG)

注意事項:

1. 使用過度恐傷害視力。
2. 使用30分鐘請休息10分鐘；未滿2歲幼兒不看螢幕，2歲以上每天看螢幕不要超過1小時。
3. 減少電磁波影響，請妥適使用。
4. 因應各地區/國家開放頻道不同,請依據當地主管機關與電信業者實際公告資訊為主，如服務細則有所變更，請自行洽詢電信業者，恕不另通知。
5. 無線資訊傳輸設備避免影響附近雷達系統之操作

Note:

Within the 5.25-5.35 GHz band, U-NII devices will be restricted to indoor operations to reduce any potential for harmful interference to co-channel MSS operations.

© 2021 unitech Electronics Co., Ltd. All rights reserved.
unitech is a registered trademark of unitech Electronics Co., Ltd.
All product and company names are trademarks, service marks, or registered trademarks of their respective owners
Android is a trademark of Google LLC.

Laser Information

The unitech product is certified in the U.S. to conform to the requirements of DHHS/CDRH 21CFR Subchapter J and to the requirements of IEC 60825-1. Class II and Class 2 products are not considered to be hazardous. The unitech product contains internally a Visible Laser Diode (VLD) whose emissions do not exceed the maximum limits as set forth in the above regulations. The scanner is designed so that there is no human access to harmful laser light during normal operation, user maintenance or prescribed service operations.

The laser safety warning label required by the DHHS/IEC for the unitech product's optional laser scanner module is located on the memory compartment cover, on the back of the unit.

* Laser information only applies to the products with laser components.

CAUTION! Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous laser light. Use of optical instruments with the scanner, including binoculars, microscopes, and magnifying glasses, with will increase eye damage. This does not include eyeglasses worn by the user.

LED Information

The unitech product contains LED indicator(s) or LED ring whose luminance is not harmful to human eyes during normal operation, user maintenance or prescribed service operations.

*LED information only applies to the products with LED components.

© 2021 unitech Electronics Co., Ltd. All rights reserved.
unitech is a registered trademark of unitech Electronics Co., Ltd.
All product and company names are trademarks, service marks, or registered trademarks of their respective owners
Android is a trademark of Google LLC.

Battery Notice

1. To guarantee optimal performance, it is recommended that rechargeable batteries be replaced every year, or after 500 charging cycles are completed. It is normal for the battery to balloon or expand after one year or 500 cycles. Although it does not cause damage, it cannot be used again and must be disposed of according to the location's safe battery disposal procedures.
2. If a battery performance decreases more than 20%, the battery is at the end of its life cycle. Stop use and ensure the battery is disposed of properly.
3. The length of time that a battery lasts depends on the battery type and how the device is used. Conserve the battery life by doing the following:

   - Avoid fully uncharging the battery because this places additional strain on it. Several partial uncharges with frequent charges are better than a fully uncharged battery. Charging a partially charged battery does not cause harm to the unit.

   - **DO NOT leave the battery pack or in the device in a hot condition such as in the car with closed door on a hot day or similar environment, and/or under direct sunlight for an extended period of time. High-temperature condition might cause the battery damaged for further safe usage. Keep the device with the battery within acceptable operating temperatures (please refer to the "specification" section for further details).**

   To guarantee optimal battery performance, we generally recommend you replace your rechargeable batteries every two years, or after 500 charging cycles. By ignoring the warning message from above and continuing using the battery neglectfully may lead to a critical consequence.

© 2021 unitech Electronics Co., Ltd. All rights reserved.
unitech is a registered trademark of unitech Electronics Co., Ltd.
All product and company names are trademarks, service marks, or registered trademarks of their respective owners
Android is a trademark of Google LLC.

- Do not leave the battery uncharged and unused for an extended period of time, the battery will wear out and the longevity of the battery will be at least half of one with frequent charges.

4. Protect battery life by not over or under charging the battery.
5. Please do not leave battery unused for long time without charging it. Despite unitech's safety precautions, the battery pack may begin to change shape. If so, stop using it immediately. Please check to see if you are using a proper power adapter to charge the battery or contact your service provider for service.
6. If you cannot charge the battery after it has been idle for an extended period of time and it begins to heat up, please do not try to charge it. It may not be functional anymore.
7. Please only use the original battery from unitech. Using a third party battery can damage our products. Please note that when such damage occurs, it is not covered by unitech's warranty policy.

CAUTION!

- RISK OF EXPLOSION IF BATTERY IS REPLACED INCORRECTLY.
  DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS.
- 如果更換不正確之電池行事會有爆炸的風險
  請依製造商說明書處理用過之電池
- 如果更换不正确之电池行事会有爆炸的风险
  请依制造商说明书处理用过之电池

Battery charge notice

It is important to consider temperature when the battery pack is charging. Charging is most efficient at normal room temperature or in a slightly cooler environment. It is essential that batteries are charged within the stated range of 0˚C to 40˚C. Charging batteries outside of the specified range could damage the batteries and shorten their life cycle.

© 2021 unitech Electronics Co., Ltd. All rights reserved.
unitech is a registered trademark of unitech Electronics Co., Ltd.
All product and company names are trademarks, service marks, or registered trademarks of their respective owners
Android is a trademark of Google LLC.

CAUTION! Do not charge batteries at a temperature lower than 0˚C. This will make the batteries unstable and dangerous. Please use a battery temperature detecting device for a charger to ensure a safe charging temperature range.

CAUTION! To ensure the unit working properly, please keep all connectors away from the contaminants staying inside of them such as dust, grease, mud, and water. The negligence may cause the unit with no communication, short circuited, overheated and so on.

CAUTION! If the connector is damaged, please ensure the connector is being fully repaired before use the unit to avoid causing short circuited.

Storage and safety notice

Although charged batteries may be left unused for several months, their capacity may be depleted due to build up of internal resistance. If this happens, they will require recharging prior to use. Batteries may be stored at temperatures between -20℃ to 60℃, however they may deplete more rapidly at higher temperatures. It is recommended to store batteries at room temperature.

** The message above only applies to the usage of the removable batteries. For the products with non-removable batteries / without batteries, please refer to the specification of each product.*

Product Operation and Storage Notice

The unitech product has applicable operation and storage temperature conditions. Please follow the limitation of suggested temperature conditions to avoid failure, damage or malfunction.

**For applicable temperature conditions, please refer to the specification of each product.*

© 2021 unitech Electronics Co., Ltd. All rights reserved.
unitech is a registered trademark of unitech Electronics Co., Ltd.
All product and company names are trademarks, service marks, or registered trademarks of their respective owners
Android is a trademark of Google LLC.

Adapter Notice

1. Please do not leave the power adapter in the socket when it is not connected to your unitech product for charging.
2. Please remove the power adapter when the battery is fully recharged.
3. The bundled power adapter that comes with your unitech product is not meant to be used outdoors. An adapter exposed to water or rain, or a very humid environment can cause damage to both the adapter and the product.
4. Please only use the bundled power adapter or same specification of adapter to charge your unitech product. Using the wrong power adapter can damage your unitech product.

** The message above only applies to the product connected to the adapter. For the products without using the adapters, please refer to the specification of each product.*

© 2021 unitech Electronics Co., Ltd. All rights reserved.
unitech is a registered trademark of unitech Electronics Co., Ltd.
All product and company names are trademarks, service marks, or registered trademarks of their respective owners
Android is a trademark of Google LLC.

Hearing Damage Warning

To prevent possible hearing damage, do not listen at high volume levels for long periods.

Figure 1 – Warning label (IEC 60417-6044)

© 2021 unitech Electronics Co., Ltd. All rights reserved.
unitech is a registered trademark of unitech Electronics Co., Ltd.
All product and company names are trademarks, service marks, or registered trademarks of their respective owners
Android is a trademark of Google LLC.

unitech
because we care

Worldwide Support

unitech's professional support team is available to quickly answer questions or assist with technical-related issues. Should an equipment problem occur, please contact the nearest unitech regional service representative.
For complete contact information please visit the Web sites listed below:

Taipei, Taiwan – Headquarters	Europe
Tel: +886-2-89121122 **E-mail:** info@hq.ute.com **Address:** 5F, No. 136, Lane 235, Baoqiao Road, Xindian District, New Taipei City 231, Taiwan (R.O.C.) **Website:** http://www.ute.com	**Tel:** +31-13-4609292 **E-mail:** info@eu.ute.com **Address:** Kapitein Hatterasstraat 19, 5015 BB, Tilburg, the Netherlands **Website:** http://eu.ute.com
China	**Japan**
Tel: +86-59-2310-9966 **E-mail:** info@cn.ute.com **Address:** Room401C, 4F, RIHUA International Mansion, Xinfeng 3nd Road, Huoju Hi-tech District, Xiamen, Fujan , China **Website:** http://cn.ute.com	**Tel:** +81-3-35232766 **E-mail:** info@jp.ute.com **Address:** Kayabacho Nagaoka Building 8F.,1-5-19 Shinkawa, Chuo-Ku, Tokyo, 104-0033, Japan **Website:** http://jp.ute.com
Asia & Pacific / Middle East	**Latin America**
Tel: +886-2-27911556 **E-mail:** info@apac.ute.com info@india.ute.com info@mideast.ute.com **Address:** 4F., No. 236, ShinHu 2nd Rd., NeiHu Chiu, 114, Taipei,Taiwan **Website:** http://apac.ute.com / http://mideast.ute.com	**Tel:** +52-55-5171-0528 **E-mail:** info@latin.ute.com **Address:** 17171 Park Row, Suite 210 Houston, TX 77084USA (Rep.) **Website:** http://latin.ute.com
North America	**Please scan QR Code to visit us :**
Tel: +1-714-8916400 **E-mail:** info@us.ute.com / info@can.ute.com **Address:** 6182 Katella Ave, Cypress, CA 90630, USA **Website:** http://us.ute.com	

© 2021 unitech Electronics Co., Ltd. All rights reserved.
unitech is a registered trademark of unitech Electronics Co., Ltd.
All product and company names are trademarks, service marks, or registered trademarks of their respective owners

Warranty Policy

The following items covered under the unitech Limited Warranty are free from defects during normal use:

The warranty period is varied from each country. Please consult with your supplier or unitech local office for actual length of warranty period to your purchased product.

Warranty becomes void if equipment is modified, improperly installed or used, damaged by accident or neglect, or if any parts are improperly installed or replaced by the user.

© 2021 unitech Electronics Co., Ltd. All rights reserved.
unitech is a registered trademark of unitech Electronics Co., Ltd.
All product and company names are trademarks, service marks, or registered trademarks of their respective owners
Android is a trademark of Google LLC.

Table of Contents

Preface i

Regulatory Compliance Statements i
Laser Information vi
LED Information vi
Battery Notice x
Adapter Notice x
Hearing Damage Warning xi
Worldwide Support xii
Warranty Policy xiii

Chapter 1 - Overview 1

1.1 Package 1
1.2 Product Detail 2
1.3 Specifications 3
1.4 Getting Started 6

Chapter 2 – Installation & Operation 9

2.1 HF Setting 9
2.2 WLAN Setting 11
2.3 PAN Setting 15
2.4 PC Setting 17
2.5 Camera Setting 18
2.6 Performing a Hardware Reset 22
2.7 Performing Factory Data Reset 23
2.8 KeyRemap 25
2.9 Split Screen 28
2.10 Network Time Protocol (NTP) Server 30

Chapter 3 – Introduction to Applications 31

3.1 File Manager 31

© 2021 unitech Electronics Co., Ltd. All rights reserved.
unitech is a registered trademark of unitech Electronics Co., Ltd.
All product and company names are trademarks, service marks, or registered trademarks of their respective owners
Android is a trademark of Google LLC.

3.2 Software Update.....32
3.3 StageGO.....33
3.4 MoboLink.....35

© 2021 unitech Electronics Co., Ltd. All rights reserved.
unitech is a registered trademark of unitech Electronics Co., Ltd.
All product and company names are trademarks, service marks, or registered trademarks of their respective owners
Android is a trademark of Google LLC.

Chapter 1 - Overview

1.1 Package

Please make sure the following contents are in the WD200 gift box.
If something is missing or damaged, please contact your unitech representative.

The basic package contents

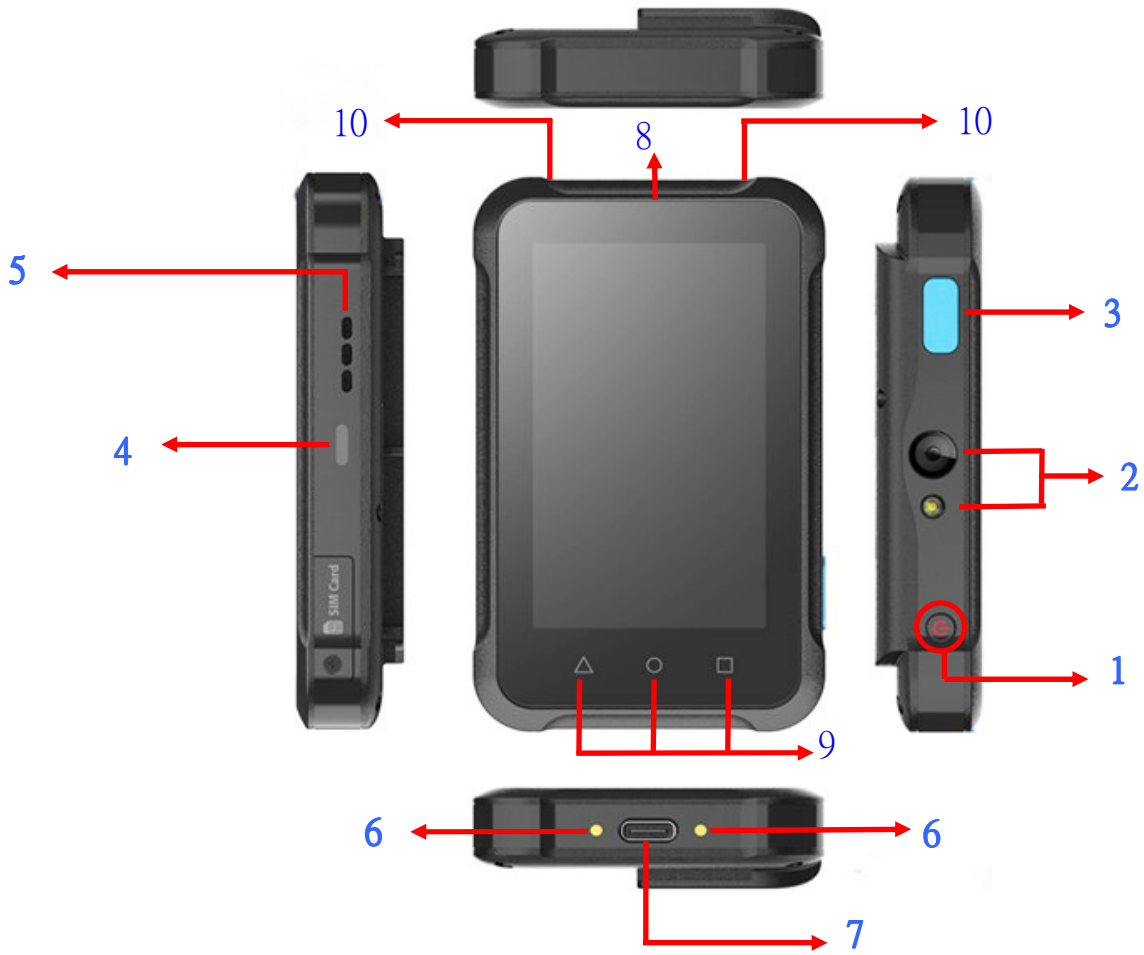
- WD200
- USB 3.0 Type C Cable
- Quick Start Guide
- Regulatory Compliance Statements

Optional accessories

- 4-slot cradle
- Ring Scanner
- EZ Lock arm strap Holder
- Wrist Holder
- Necklace Holder
- Belt Holder

© 2021 unitech Electronics Co., Ltd. All rights reserved.
unitech is a registered trademark of unitech Electronics Co., Ltd.
All product and company names are trademarks, service marks, or registered trademarks of their respective owners
Android is a trademark of Google LLC.

1.2 Product Detail



1	Power Key	**6**	Pogo pin
2	Camera & LED Flash Light	**7**	USB Type C Port
3	Camera button / Programmable button	**8**	Touch Panel
4	LED Light	**9**	Δ :Back Button
			O: Home Button
			☐ : Recent Button
5	Speaker	**10**	Microphone Holes

© 2021 unitech Electronics Co., Ltd. All rights reserved.
unitech is a registered trademark of unitech Electronics Co., Ltd.
All product and company names are trademarks, service marks, or registered trademarks of their respective owners
Android is a trademark of Google LLC.

1.3 Specifications

System Features	
CPU	Qualcomm Snapdragon™ 660 Octa-Core, 2.2 GHz , 64bits
Memory	3GB RAM, 32GB Flash
OS	Android™ 10
Languages support	English, Simplified Chinese, Traditional Chinese, Japanese, Spanish, German, French, Italian, Portuguese, Korean and multiple languages
Display	
Screen Size	3.1" Color TFT-LCD (800 X 480) High Resolution Display
Touch Panel	
Ultra sensitive capacitive touch screen, compatible with gloves and support wet resistance. High sunlight visibility- LCD backlight up to 450nits with optical direct bounding.	
Buttons / Keypad	
Power button, 1x User-defined function button, 3x touch buttons	
Indicator Type	
LED, Speaker, Vibrator	
Software	
SOTI, 42Gears, MoboLink, Airwatch	
Audio	
Dual-Microphone, support noise cancellation 1 W output, speaker.	
Regulatory Approvals	
CE, FCC, NCC, BSMI, VCCI, CCC, RoHS, CEC, BQB, N-Mark compliance	
I/O Interface	
USB	USB Type-C/ Pogo Pin USB 3.1 (type-C) support USB OTG Support Display Port Mode Ethernet/USB-Host via cradle

© 2021 unitech Electronics Co., Ltd. All rights reserved.
unitech is a registered trademark of unitech Electronics Co., Ltd.
All product and company names are trademarks, service marks, or registered trademarks of their respective owners
Android is a trademark of Google LLC.

Communication	
Camera	13MP camera with flash light
Bluetooth®	Bluetooth® 5 supported
WLAN	IEEE 802.11 a/b/g/n/ac/d/h/i/k/r/v, IPv4, IPv6 Security of WLAN : WEP, WPA/WPA2 PSK, 802.1x EAP, OWE, SAE Fast Roaming : PMKID caching, 802.11r, OKC 2x2 MU-MIMO
Sensor	Gyroscope, G-sensor, E-compass, Light Sensor
RFID	
HF	Frequency 13.56Mhz ISO14443A/B, ISO15693 standard NFC, MIFARE, Felica
Power Source	
Standard Battery	3.85V, 2050mAh Li-polymer battery (embedded, can be repaired) Operating time : 10 hours (depending on the specific environment) RTC battery : Real time clock capacitor
Power Supply Input	■ 5Vdc/3A ■ 9Vdc/2A ■ 12Vdc/1.5A
Enclosure	
Weight	110g (battery included)
Dimension	96.7mm X 60.7mm X 14.43 mm(H x W x D)
Environmental	
Operating Temperature	-4℉ to 122℉ (- 20℃ to 50℃)
Storage Temperature	-4℉ to 158℉ (-20℃ to 70℃)
Charging Temperature	32℉ to 113℉ (0℃ to 45℃)
Relative Humidity	5% ~ 95% (non-condensing)
Drop test to Concrete	1.5 meter
Environmental Sealing	IP67
Tumble Spec	1,000 tumbles @1.6ft./0.5m

© 2021 unitech Electronics Co., Ltd. All rights reserved.
unitech is a registered trademark of unitech Electronics Co., Ltd.
All product and company names are trademarks, service marks, or registered trademarks of their respective owners
Android is a trademark of Google LLC.

Note:

The device is restricted to indoor use only when operating in the 5150 to 5350 MHz frequency range.

	AT	BE	BG	HR	CY	CZ	DK
	EE	FI	FR	DE	EL	HU	IE
	IT	LV	LT	LU	MT	NL	PL
	PT	RO	SK	SI	ES	SE	IS
	LI	NO	CH	TR			

© 2021 unitech Electronics Co., Ltd. All rights reserved.
unitech is a registered trademark of unitech Electronics Co., Ltd.
All product and company names are trademarks, service marks, or registered trademarks of their respective owners
Android is a trademark of Google LLC.

1.4 Getting Started

1.4.1 Charging the Battery

Connect the USB cable to the USB port on WD200 and connect the other end to an AC power adapter. We recommend only the USB cable that comes with the WD200, or a unitech designed cradle, to charge the WD200.

The LED indicator on WD200 is red when charging and is green when fully charged.

CAUTION!

DO NOT *force opening the battery cover and attempting to change the battery as you may damage the product and the battery, it is built-in and is not user changeable.*
Any batteries inappropriate use could result in damage or safety issues such as catching fire, or malfunctioning the sensitive components.
unitech reserves the right and disclaims any liability as a result of any damages caused by ignoring this warning.
To avoid any consequential damages, please contact a unitech representative before removing the battery.

© 2021 unitech Electronics Co., Ltd. All rights reserved.
unitech is a registered trademark of unitech Electronics Co., Ltd.
All product and company names are trademarks, service marks, or registered trademarks of their respective owners
Android is a trademark of Google LLC.

1.4.3 Turning on the terminal for the first time

It is recommended to fully charge WD200 before first use. You can now start up your device to set up the languages, WLAN setting, and date and time.

Power Button

Turn ON your device by pressing the power button on the terminal.

1.4.4 Checking the LED status

	LED	Description
Terminal	Red Light	■ Battery Charging ■ Twinkling to indicate battery low status(less than 15%)
	Green Light	■ Battery Fully charged ■ Barcode scan good read
	Blue Light	Message
	No LED (Red and Green) display when battery is out (even AC IN)	

© 2021 unitech Electronics Co., Ltd. All rights reserved.
unitech is a registered trademark of unitech Electronics Co., Ltd.
All product and company names are trademarks, service marks, or registered trademarks of their respective owners
Android is a trademark of Google LLC.

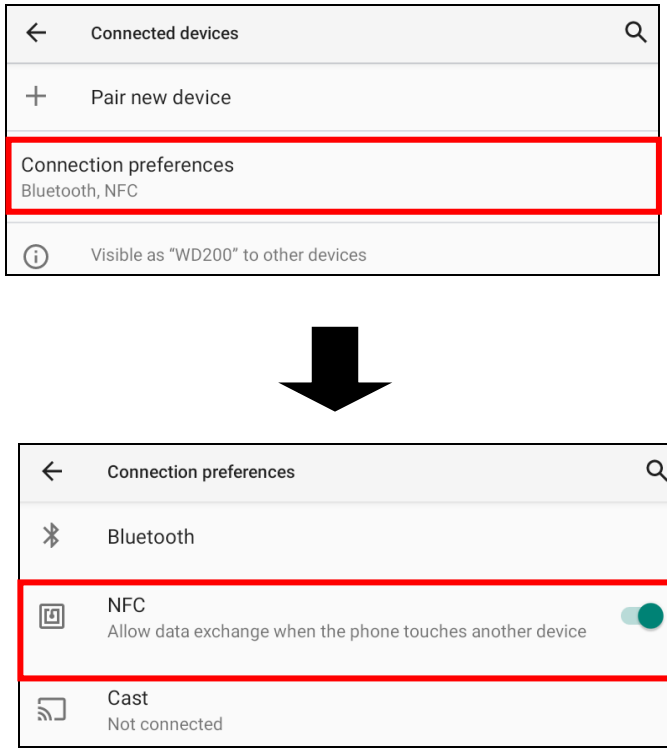
© 2021 unitech Electronics Co., Ltd. All rights reserved.
unitech is a registered trademark of unitech Electronics Co., Ltd.
All product and company names are trademarks, service marks, or registered trademarks of their respective owners
Android is a trademark of Google LLC.

Chapter 2 – Installation & Operation

2.1 HF Setting

1. On the main screen, scroll the screen from down to top to reach the APPS, and tap

Settings and then tap **Connected devices**.
2. Tap **Connection Preferences** and enable **NFC**



© 2021 unitech Electronics Co., Ltd. All rights reserved.
unitech is a registered trademark of unitech Electronics Co., Ltd.
All product and company names are trademarks, service marks, or registered trademarks of their respective owners

3. Make sure that both devices are unlocked and have NFC turned on. Also make sure that the NFC antenna area of WD200 and the other devices' NFC area are close to one another. Slightly moving the device until a connection is made.

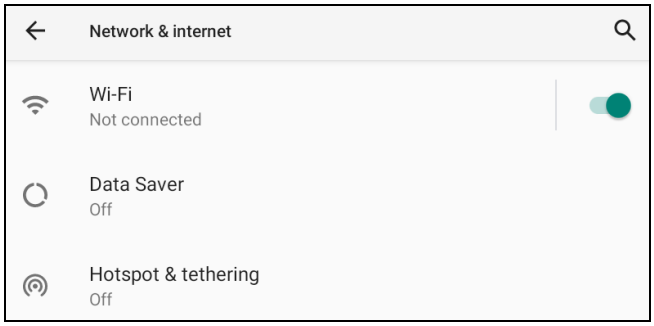
© 2021 unitech Electronics Co., Ltd. All rights reserved.
unitech is a registered trademark of unitech Electronics Co., Ltd.
All product and company names are trademarks, service marks, or registered trademarks of their respective owners

2.2 WLAN Setting

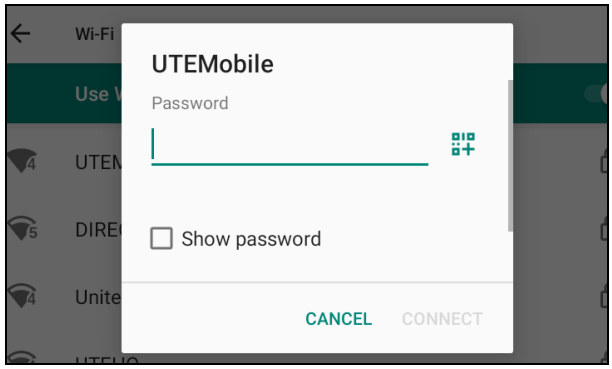
1. On the main screen, scroll the screen from down to top to reach the APPS, and tap

Settings and then tap **Network & internet.**

2. To see available networks, turn WLAN **ON**. And tap to choose the available networks.



3. Choose the available networks, and enter the Password and tap **Connect.**



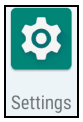
4. If the wireless network that you want is not listed, tap **+ Add network** to manually add it.

5. When enabled, the icon is displayed on the status bar.

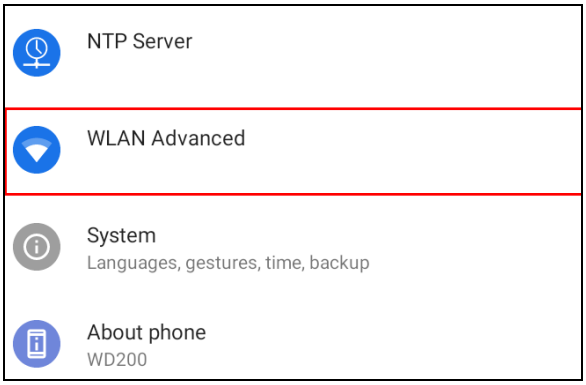
© 2021 unitech Electronics Co., Ltd. All rights reserved.
unitech is a registered trademark of unitech Electronics Co., Ltd.
All product and company names are trademarks, service marks, or registered trademarks of their respective owners

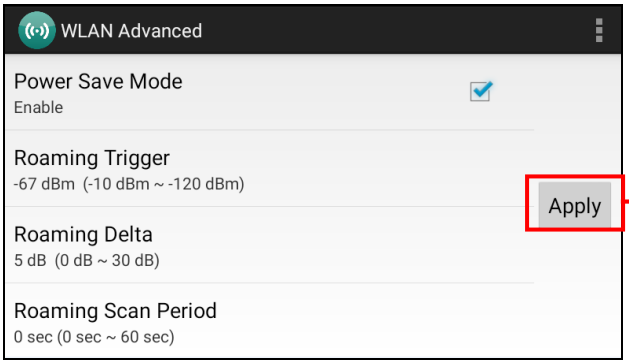
2.2.1 WLAN Advanced

WLAN advanced can enhance the roaming behavior when the device is in areas of particularly low coverage or losing its connection to the network infrastructure and provides the power save mode to control the power consumption setting.
WLAN advanced will help users to manage the seamless roaming.

1. On the main screen, scroll the screen from down to top to reach the APPS, and tap 

Settings and then tap **WLAN Advanced.**





Always tap "**Apply**" to finish the setting.

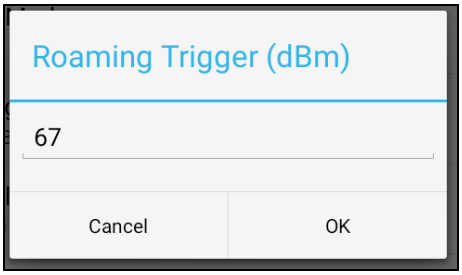
© 2021 unitech Electronics Co., Ltd. All rights reserved.
unitech is a registered trademark of unitech Electronics Co., Ltd.
All product and company names are trademarks, service marks, or registered trademarks of their respective owners

- **Power Save Mode**

  Tap to enable the power save mode to set the WLAN module to its optimum power consumption setting.

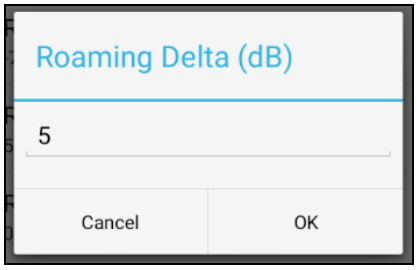
- **Roaming Trigger (Default : -67 dBm, Range : -10 dBm ~ - 120 dBm)**

  Roaming trigger will help users to look for a better and stronger signal strength (in dBm) by scanning many access points. When the signal strength is lower than roaming trigger value, roaming trigger will start to look for better access points.



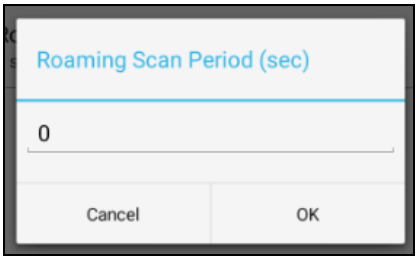
- **Roaming Delta (Default : 5 dB, Range : 0 dB ~ 30 dB)**

  Based on roaming delta value, the device will roam to a better signal strength access point.



- **Roaming Scan Period (Default : 0 sec, Range : 0 sec ~ 60 sec)**

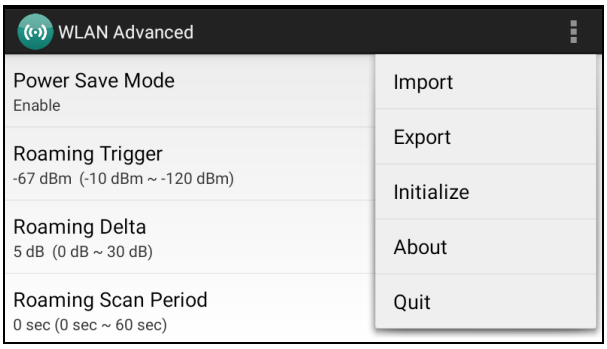
  The device will stay with the current AP based on the roam period value before it roams to a different AP.



© 2021 unitech Electronics Co., Ltd. All rights reserved.
unitech is a registered trademark of unitech Electronics Co., Ltd.
All product and company names are trademarks, service marks, or registered trademarks of their respective owners

2.2.1.1 Other options

Tap for more options to import / export the current data from the device. **Initialize** is able to restore the default settings.

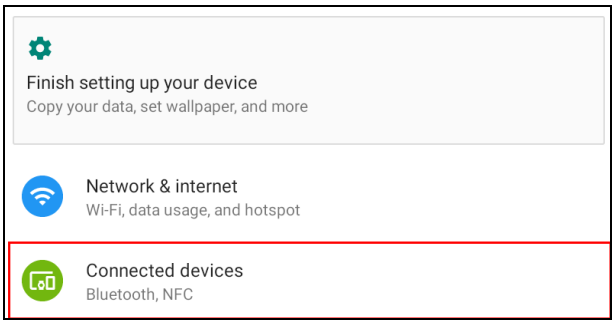


© 2021 unitech Electronics Co., Ltd. All rights reserved.
unitech is a registered trademark of unitech Electronics Co., Ltd.
All product and company names are trademarks, service marks, or registered trademarks of their respective owners

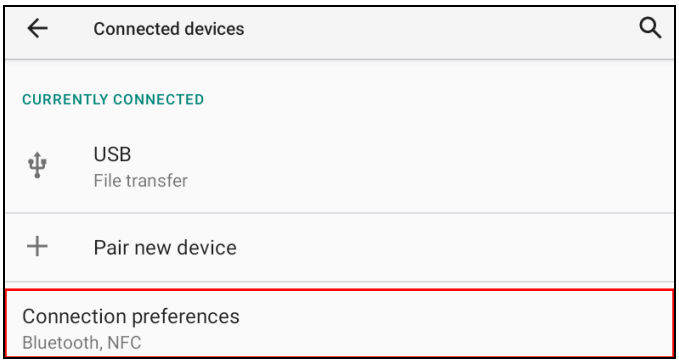
2.3 PAN Setting

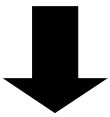
1. On the main screen, scroll the screen from down to top to reach the APPS, and tap

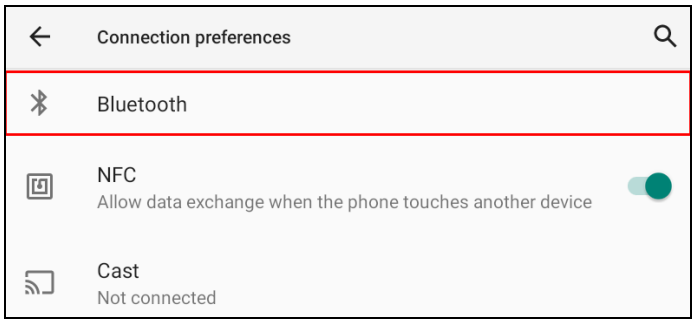
Settings and then tap **Connected devices**.



2. Tap **Connection Preferences** to enable **Bluetooth**

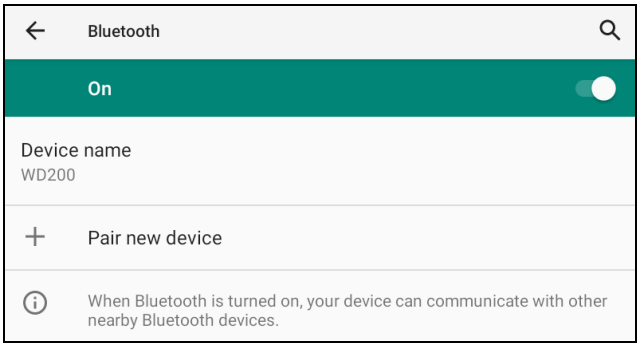






© 2021 unitech Electronics Co., Ltd. All rights reserved.
unitech is a registered trademark of unitech Electronics Co., Ltd.
All product and company names are trademarks, service marks, or registered trademarks of their respective owners

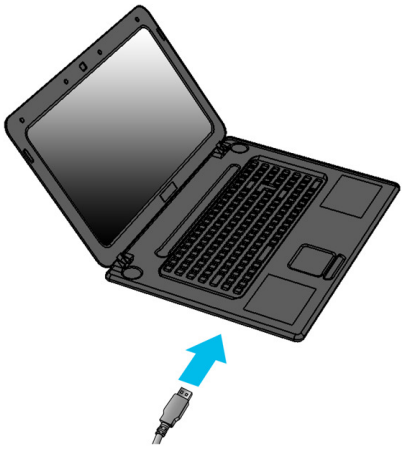
3. Tap **ON** / **OFF** to enable / disable Bluetooth® .
   To pair the available device, turn Bluetooth® **ON** to choose the available device.



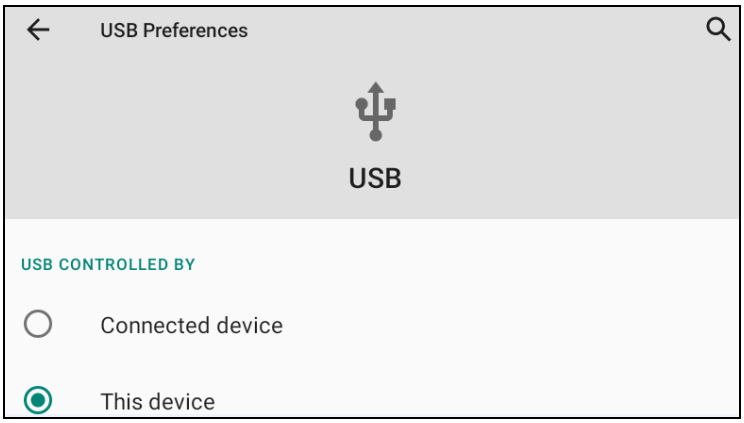
© 2021 unitech Electronics Co., Ltd. All rights reserved.
unitech is a registered trademark of unitech Electronics Co., Ltd.
All product and company names are trademarks, service marks, or registered trademarks of their respective owners

2.4 PC Setting

1. Connect WD200 to your computer with the USB type C cable. Your computer will recognize it is USB charging.



2. Slide down from top, the system will show as follow picture, then you can select File transfers.



© 2021 unitech Electronics Co., Ltd. All rights reserved.
unitech is a registered trademark of unitech Electronics Co., Ltd.
All product and company names are trademarks, service marks, or registered trademarks of their respective owners

2.5 Camera Setting

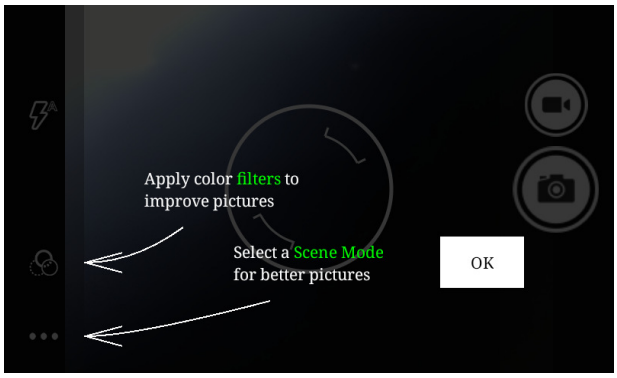
1. Scroll the screen from down to top to reach the APPS,

   and tap **Camera**.

13MP Camera & LED Flash Light

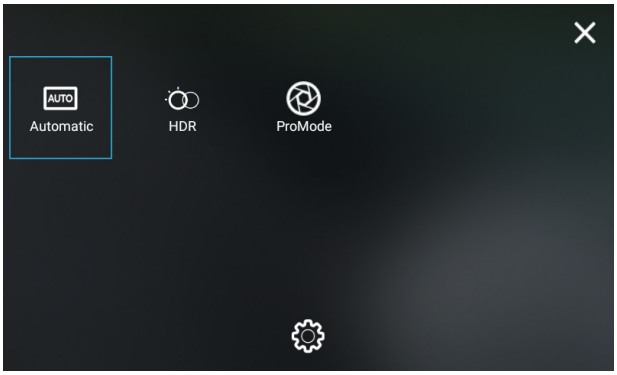
2.5.1 Camera Settings

For the first time turn on, the screen will show a brief introduction about camera settings.

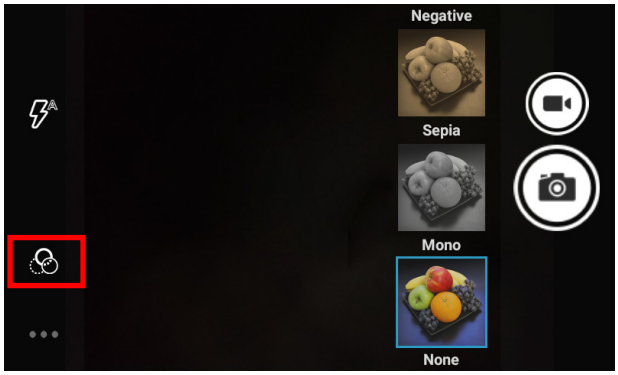


© 2021 unitech Electronics Co., Ltd. All rights reserved.
unitech is a registered trademark of unitech Electronics Co., Ltd.
All product and company names are trademarks, service marks, or registered trademarks of their respective owners

2.5.2 Scene Mode Setting



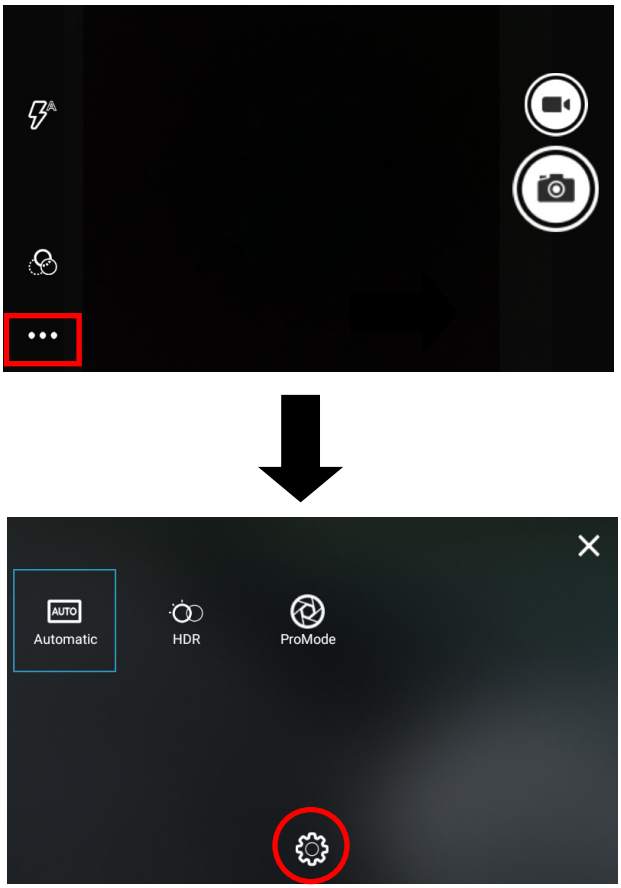
2.5.3 Camera Filter Effects



© 2021 unitech Electronics Co., Ltd. All rights reserved.
unitech is a registered trademark of unitech Electronics Co., Ltd.
All product and company names are trademarks, service marks, or registered trademarks of their respective owners

2.5.4 Settings

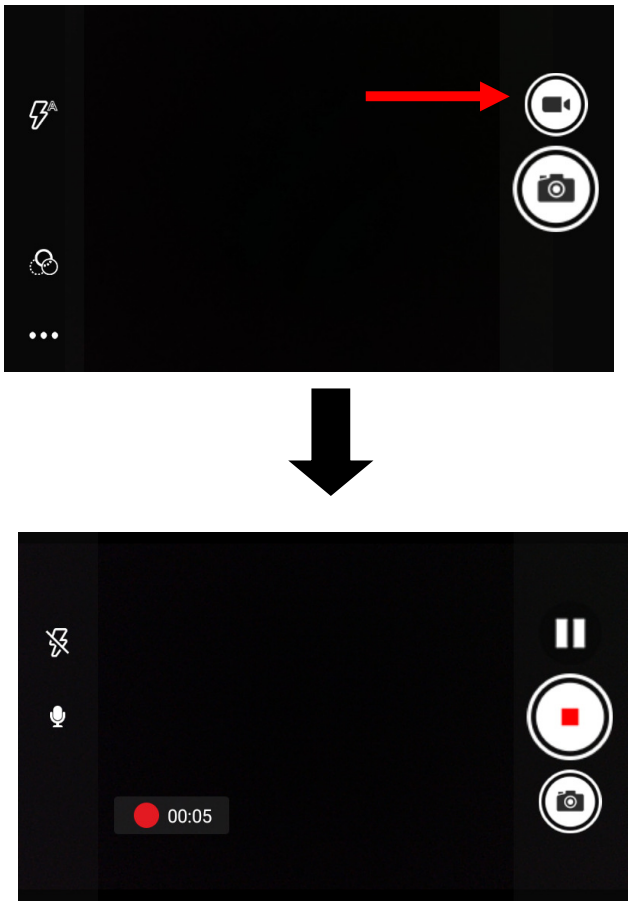
Please tap ••• to enter the settings section.



© 2021 unitech Electronics Co., Ltd. All rights reserved.
unitech is a registered trademark of unitech Electronics Co., Ltd.
All product and company names are trademarks, service marks, or registered trademarks of their respective owners

2.5.5 Record Videos

Once tap the record button, it will start recording.



© 2021 unitech Electronics Co., Ltd. All rights reserved.
unitech is a registered trademark of unitech Electronics Co., Ltd.
All product and company names are trademarks, service marks, or registered trademarks of their respective owners

2.6 Performing a Hardware Reset

You may have to perform a reset if the device freezes (i.e., the terminal no longer responds to the buttons or tapping on the screen).

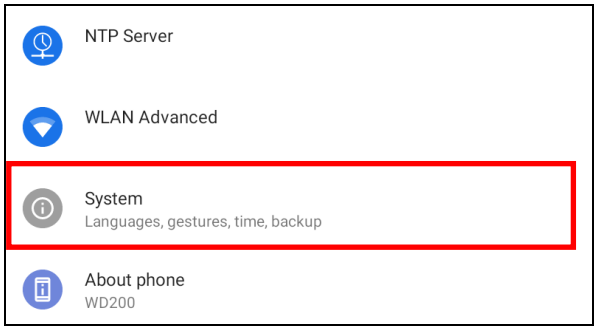
Long press and hold the **Power button** around 15 seconds to shut down the system and then press the **Power button** again to turn on the device.

© 2021 unitech Electronics Co., Ltd. All rights reserved.
unitech is a registered trademark of unitech Electronics Co., Ltd.
All product and company names are trademarks, service marks, or registered trademarks of their respective owners

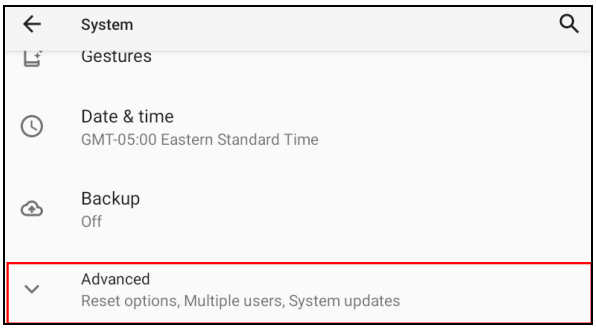
2.7 Performing Factory Data Reset

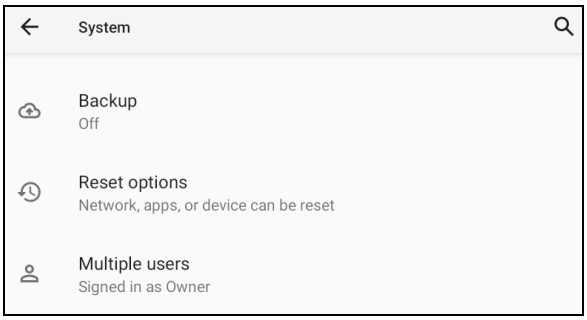
1. On the main screen, scroll the screen from down to top to reach the APPS, and tap

Settings and then tap **System.**



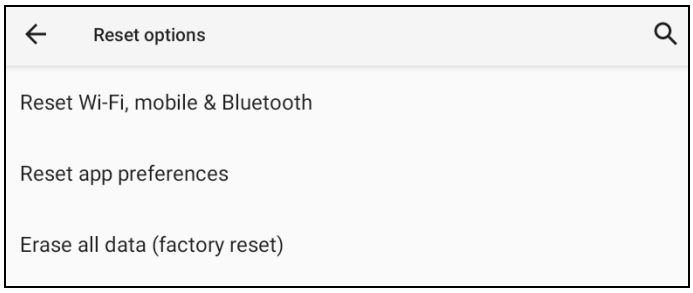
2. Tap **Advanced** for more options, and then tap **Reset options**.





© 2021 unitech Electronics Co., Ltd. All rights reserved.
unitech is a registered trademark of unitech Electronics Co., Ltd.
All product and company names are trademarks, service marks, or registered trademarks of their respective owners

3. You can reset the system on **Reset options**.
   When you select **Erase all data (factory reset)**, it will erase all folders.



© 2021 unitech Electronics Co., Ltd. All rights reserved.
unitech is a registered trademark of unitech Electronics Co., Ltd.
All product and company names are trademarks, service marks, or registered trademarks of their respective owners

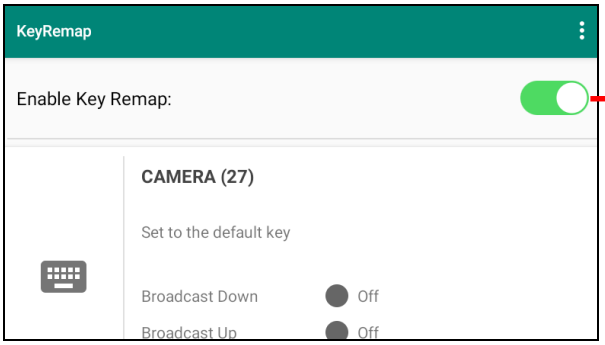
2.8 KeyRemap

The WD200's keys can be programmed for users to be able to perform different functions or applications.
Two options to use key remap functions : CAMERA and RECENT.

2.8.1 Remap a key

On the main screen, scroll the screen from down to top to reach the APPS, and tap

KeyRemap. Select the keys to remap and enable key.



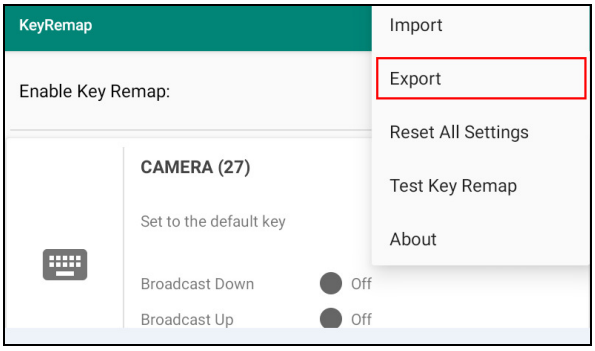
After remapping the key, remember to enable the key remap.

© 2021 unitech Electronics Co., Ltd. All rights reserved.
unitech is a registered trademark of unitech Electronics Co., Ltd.
All product and company names are trademarks, service marks, or registered trademarks of their respective owners

2.8.2 Export / Import a remap Key Configuration file

■ Export file

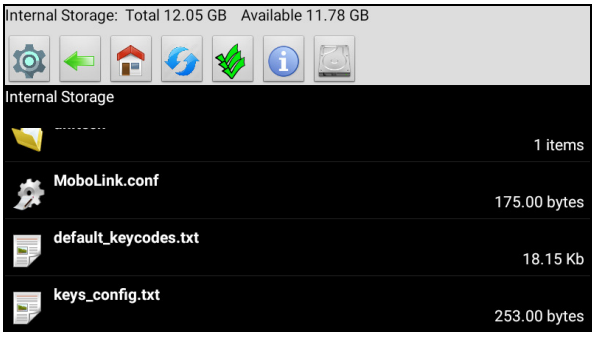
1. Tap
2. Select **Export**



The remap Key configuration can be exported to a text file or imported into WD200.

Note: *The configuration file (keys_config.txt) is saved in File Manager.*

(For File Manager setting, please refer to 3.1 File Manager)

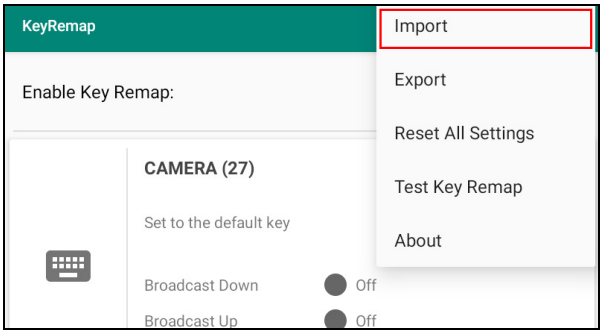


© 2021 unitech Electronics Co., Ltd. All rights reserved.
unitech is a registered trademark of unitech Electronics Co., Ltd.
All product and company names are trademarks, service marks, or registered trademarks of their respective owners

■ Import file

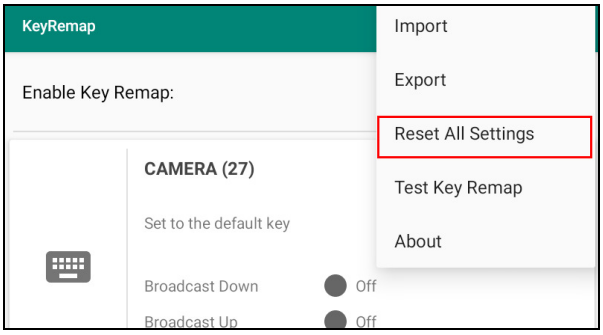
Before importing the file, please make sure the configuration file (keys_config.txt) is in File Manager.

1. Tap
2. Select **Import**



■ Reset all settings

1. Tap
2. Select **Reset all settings**



© 2021 unitech Electronics Co., Ltd. All rights reserved.
unitech is a registered trademark of unitech Electronics Co., Ltd.
All product and company names are trademarks, service marks, or registered trademarks of their respective owners

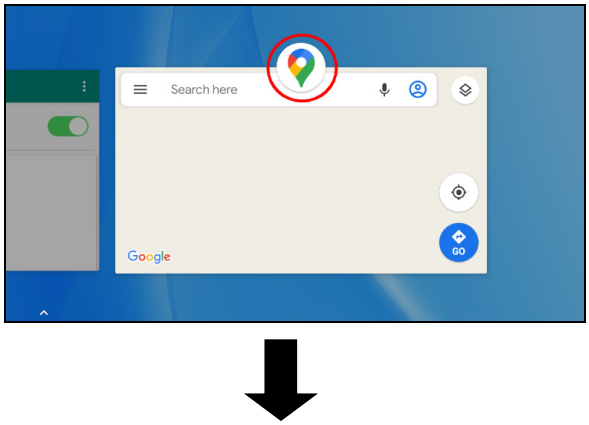
2.9 Split Screen

Split screen function allows you to have two apps work side by side on the same screen. Please follow the steps to enable split screen multitasking.

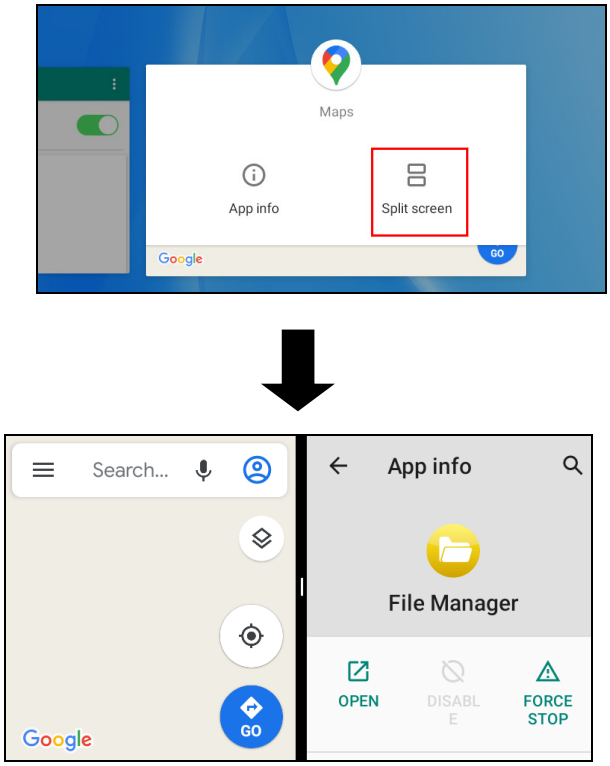
Note: Some apps may not work with split-screen.

1. Tap **Recent Virtual Button** until you see those background apps on the screen.

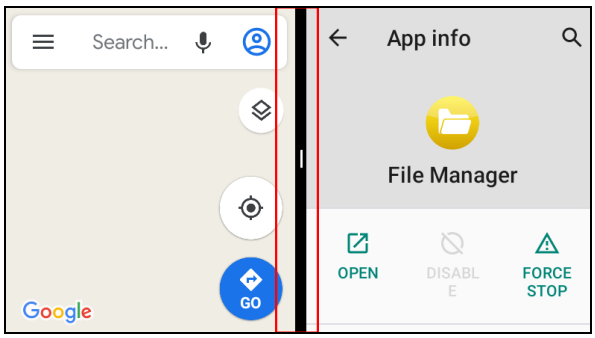
2. Tap and hold the thumbnail and then select "Split screen." First APP "Split screen" will be on top of the screen. For another APP to show on the bottom half of the screen, simply tap on the APP thumbnail.



© 2021 unitech Electronics Co., Ltd. All rights reserved.
unitech is a registered trademark of unitech Electronics Co., Ltd.
All product and company names are trademarks, service marks, or registered trademarks of their respective owners



3. To cancel split screen, simply drag up or down the black bar in the middle of the two APPs to expand the app that you would like to keep in full screen.



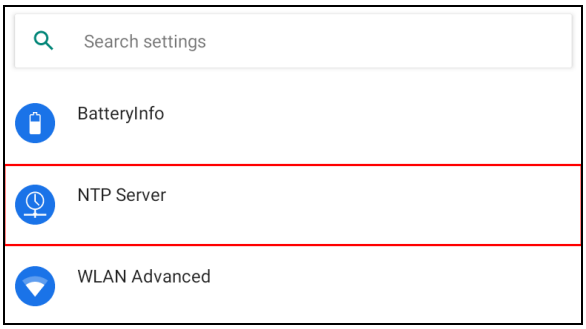
© 2021 unitech Electronics Co., Ltd. All rights reserved.
unitech is a registered trademark of unitech Electronics Co., Ltd.
All product and company names are trademarks, service marks, or registered trademarks of their respective owners

2.10 Network Time Protocol (NTP) Server

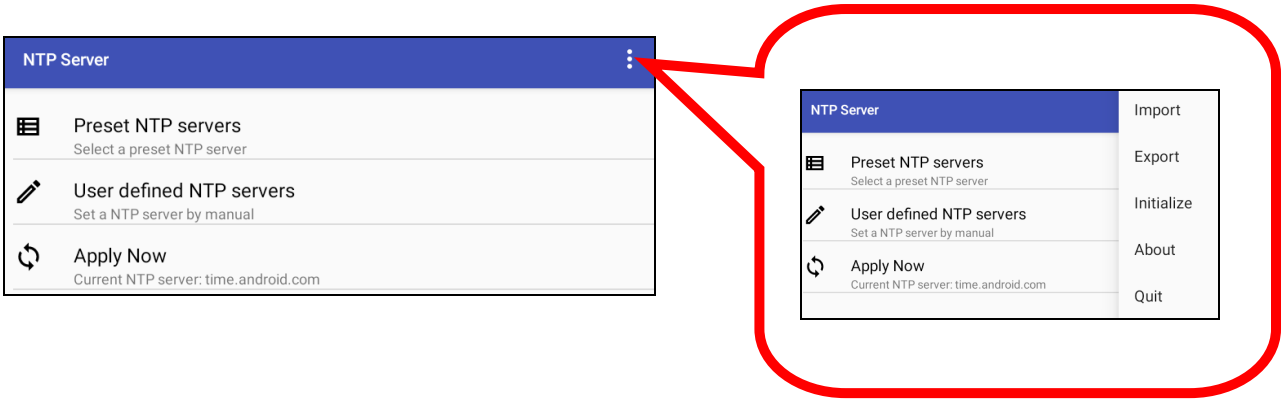
The Network Time Protocol is used to synchronize the clocks over the Internet. Allow the users to set the clock by using NTP Server.

1. On the main screen, scroll the screen from down to top to reach the APPS, and tap

Settings and then tap **NTP (Network Time Protocol) Server.**



2. On NTP Server, choose the system preferences to set up network time.

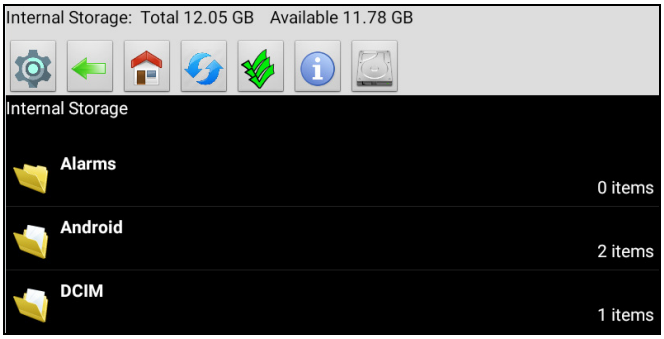


© 2021 unitech Electronics Co., Ltd. All rights reserved.
unitech is a registered trademark of unitech Electronics Co., Ltd.
All product and company names are trademarks, service marks, or registered trademarks of their respective owners

Chapter 3 – Introduction to Applications

3.1 File Manager

On the main screen, scroll the screen from down to top to reach the APPS, and tap **File Manager**.



: Settings

: Return to the previous page

: Main page

: Refresh

: Folder arrangement

: Folder Information

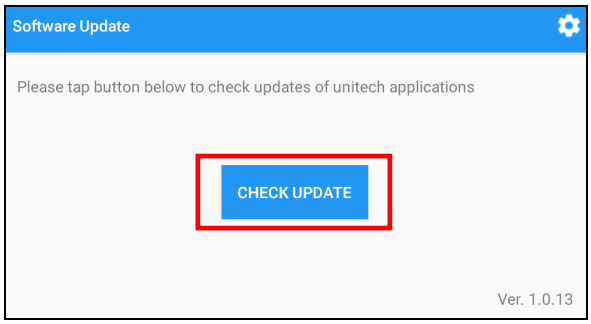
: Flash Storage

© 2021 unitech Electronics Co., Ltd. All rights reserved.
unitech is a registered trademark of unitech Electronics Co., Ltd.
All product and company names are trademarks, service marks, or registered trademarks of their respective owners

3.2 Software Update

1. On the main screen, scroll the screen from down to top to reach the APPS, and tap

Software Update.
2. To update or check the latest version of each application, please tap **CHECK UPDATE.**



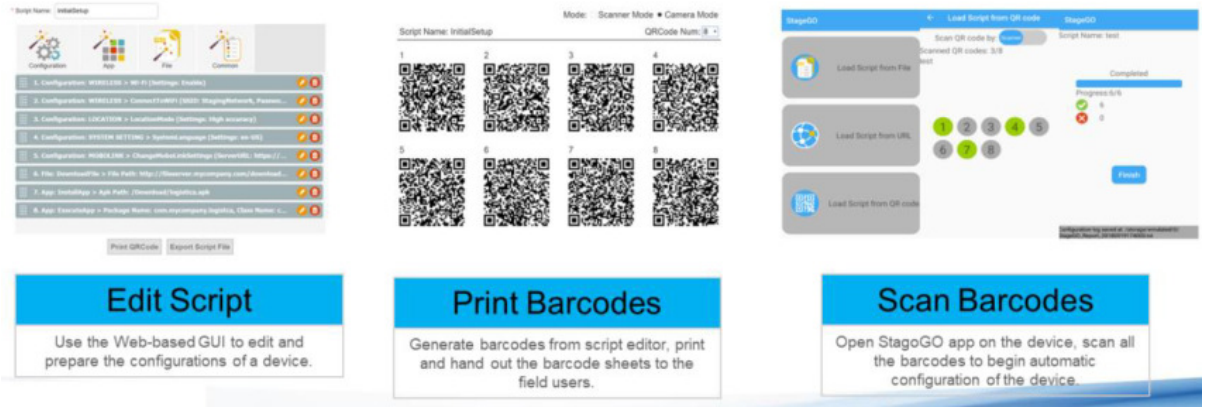
3. Tap for more settings on Software Update.

© 2021 unitech Electronics Co., Ltd. All rights reserved.
unitech is a registered trademark of unitech Electronics Co., Ltd.
All product and company names are trademarks, service marks, or registered trademarks of their respective owners

3.3 StageGO

StageGO is a configuration staging solution for unitech mobile devices. StageGO helps IT admins to use the 1-click auto configure feature to set up and initialize a device quickly. Devices configure themselves by using configuration scripts and barcodes prepared by the IT admins, the StageGO app, currently available for Android devices, uses unitech devices' barcode scanning capabilities to load the script barcode into the device and start the self-configuration process.

- Using StageGO to configure a device is in 3 simple steps:



Step 1. Edit Script:

IT admins can prepare a configuration script by using StageGO's web-based script editor. For more information, please visit :
https://www.ute.com/en/products/detail/stagego

Step 2. Print Barcodes:

Upon completion of editing a script, IT admins may either download the script file or to generate barcodes that represent the entire script. The script file or the barcode printouts can then be handed over to the device users for scanning.

Step 3. Scan Barcodes:

When device users receive the barcode printouts (or the script file) from the IT admins, they can then run the StageGO app on the terminals, scan all the

© 2021 unitech Electronics Co., Ltd. All rights reserved.
unitech is a registered trademark of unitech Electronics Co., Ltd.
All product and company names are trademarks, service marks, or registered trademarks of their respective owners

barcodes on the printouts (or load the script file). When all barcodes are scanned, StageGO is ready to begin self-configuration. StageGO can also be configured for 1-click auto configuration. On the main screen, scroll the screen from down to top to reach the APPS, and tap

StageGO.

Please visit the StageGo website for more information :
https://apps.ute.com/StageGO2/

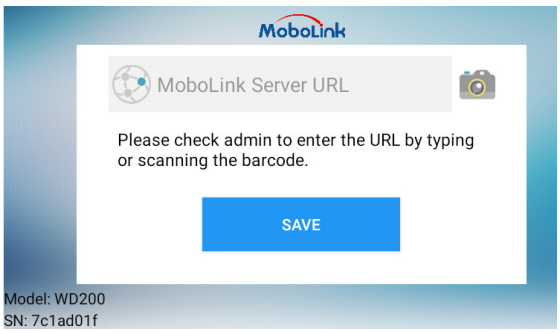
© 2021 unitech Electronics Co., Ltd. All rights reserved.
unitech is a registered trademark of unitech Electronics Co., Ltd.
All product and company names are trademarks, service marks, or registered trademarks of their respective owners

3.4 MoboLink

MoboLink is a software platform that helps unitech customers to remote manage their purchased devices and applications. The core of the MoboLink platform provides functionalities in the MDM (Mobile Device Management) and MAM (Mobile Application Management) domains, and then further extends into other management functions such as alert notification management and account management.

On the main screen, scroll the screen from down to top to reach the APPS, and tap

MoboLink.



3.4.1 More about MoboLink

For detailed operation, solution and usage, please refer to the website : https://www.ute.com/en/products/detail/MoboLink

© 2021 unitech Electronics Co., Ltd. All rights reserved.
unitech is a registered trademark of unitech Electronics Co., Ltd.
All product and company names are trademarks, service marks, or registered trademarks of their respective owners