

M3 WD10 Series

User Manual

Version 1.1 © 2025

Korea Headquarter Seoul, Korea | sales@m3mobile.co.kr | +82-(0)2-574-0037

Europe Headquarter Germany, Kriftel | sales_eu@m3mobile.net | +49-(0)-6192 9222148

www.m3mobile.net

Revision

Release date of version 1.0: DEC 2024

- Initial distribution

-

Release date of version 1.1: March 2025

- To be updated in future OS versions
- Edit Temp

Terms of Use

Thank you for purchasing M3 WD10. This device provides high performance data collection and mobile communications that meet industrial standards.

This user manual enables users to know the characteristics of M3 WD10 series and how to use it.

- Please carefully read this manual before using the device to ensure safe and proper use, as well as to prevent accidents that may occur when the device is used.
- This manual is created based on current status. The details on this manual may be changed without prior notice.
- The descriptions of this manual are based on the device's default settings.
- Images and screenshots are described with the latest software version.
- This manual is created under the assumption that the device has all options. For detailed information on available options, contact the local distributor or refer to our Web site (<http://www.m3mobile.net>).
- M3 Mobile does not have any legal responsibility for any performance problem that may occur when a user uses an application that is supplied by a third party.
- M3 Mobile does not have any legal responsibility for any performance degradation or compatibility problem that may occur because of the user's mistake or negligence.
- M3 Mobile does not have any legal responsibility for copyright or patent breach by the user.
- M3 Mobile can request all or part of the applications developed by a user or a third party. The request is for the improvement of user environment or device performance.
- Higher OS version may be released after you purchase the device with the existing OS. If you want to receive information on the latest OS, please contact your local distributor.
- This device can be operated in at least one Member State without infringing applicable requirements on the use of radio spectrum.
- This manual may include technical or editing errors.

Copyright

Copyright © 2024 M3 Mobile Co., Ltd.

This manual is protected under international copyright laws. No part of this manual may be reproduced, distributed, translated, or transmitted in any form or by any means, electronic or mechanical, including photocopying, recording, or storing in any information storage and retrieval system, without the prior written permission of M3 Mobile.

Trademarks

- M3 Mobile and M3 logos are registered as trademarks of M3 Mobile.
- M3 WD10 is a registered trademark of M3 Mobile Co., Ltd.
- Google, Android, Google Play, YouTube, and other marks are trademarks of Google LLC.

Safety Rules

- Do not use the device while driving.
 - ✓ Traffic accidents may occur.
 - ✓ Observe the rules on device use while driving.
- Do not touch the power plug with wet hands.
 - ✓ You may be electrocuted.
- Be careful when using the battery.
 - ✓ Avoid causing a strong impact on the battery or breaking a hole through it with a sharp thing.
 - ✓ Do not put water on the battery or submerge it in water.
 - ✓ Do not let the charging terminal of the battery come into contact with a metal material.
- Keep the device, battery, or charger away from direct heat sources.
 - ✓ Heat may cause the device to become deformed, or an explosion or fire may occur.
 - ✓ If the device is placed inside a vehicle, the battery may explode due to increase in temperature.
- Turn off power of the device when device use is prohibited.
 - ✓ Hazardous or wave-related problem may occur.
 - ✓ Turn off power of the device when you board a plane. The electromagnetic waves generated from the device may affect the plane's electronic equipment.
 - ✓ Turn off power of the device when you are in a hospital. Observe the device rules while in a hospital. The electromagnetic waves generated from the device may affect the medical equipment in the hospital.
- Turn off power of the device in hazardous areas where explosions may occur.
 - ✓ Observe the regulations, instructions, or signs of a hazardous area where explosions may occur.
 - ✓ Turn off power of the device while refueling.
- Be careful when a headset is used.
 - ✓ Avoid long-term exposure to loud sounds to prevent damage to your hearing.
 - ✓ Loud sounds while walking or driving distract your attention and may cause traffic accidents.

Instructional Icons

Before using this manual, please carefully read and understand the following icons:



Warning – Situations that may cause injury to yourself or others



Caution – Situations that may cause damage to your device or other equipment



Note – Notes, usage tips, or additional information

Table of Contents

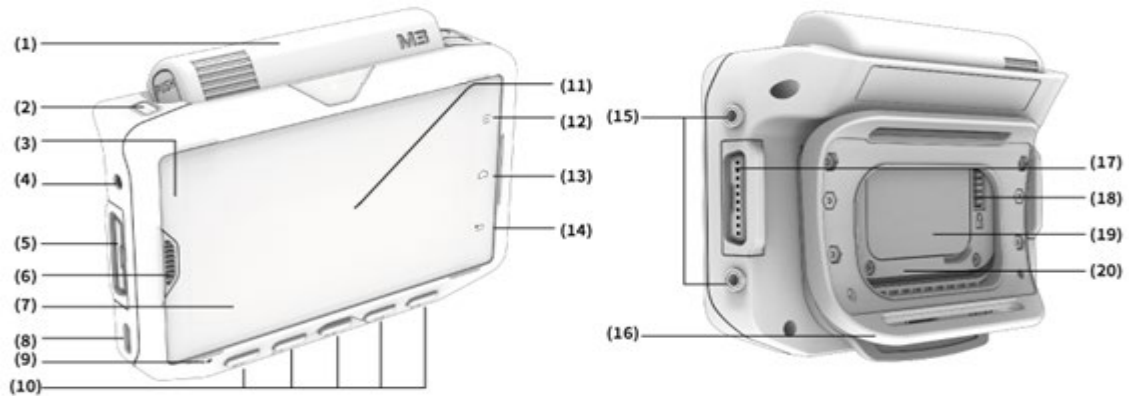
Contents

Contents.....	5
1 Getting Started.....	7
1.1 Features	7
1.2 Package.....	7
1.3 Battery	7
1.4 How to mount/ disassemble the product on wrist	8
1.5 Charging the Battery.....	10
1.6 Turning the Device On.....	12
1.6.1 Turning the Device On	12
1.6.2 Turning the Device Off	12
1.6.3 Standby Mode	13
1.7 Memory Card	13
1.7.1 Inserting an External Memory Card	13
1.7.2 Checking Data.....	14
1.8 SIM Card	14
1.8.1 Inserting the SIM Card	14
2 Basic Use.....	15
2.1 Key	15
2.1.1 Button	15
2.2 Home Screen.....	15
2.2.1 Status Bar	15
2.2.2 Notification Bar	16
2.2.3 Dock Bar	16
2.3 Data Input	17
2.3.1 Virtual Keyboard.....	17
2.4 Device Reset	17
2.4.1 Soft Reset (1).....	17
2.4.2 Soft Reset (2).....	17
2.4.3 Factory Reset.....	17
2.5 Connecting with a PC	18
2.5.1 How to Connect.....	18
3 Using the Application Screen.....	19
3.1 Phone Function	19
3.1.1 Basics.....	19
3.2 Wi-Fi	20
3.2.1 Setting the Wi-Fi Feature	20
3.3 Bluetooth	21
3.3.1 Setting the Bluetooth Feature	21
3.3.2 Connecting Using Bluetooth.....	22
3.4 NFC	22
3.4.1 Setting the NFC Feature	22
3.4.2 Connecting the NFC Feature	23
4 Advanced Use	23
4.1 OS Update.....	23

4.2	Key Setting Conversion	24
4.3	Battery Hot swap	25
4.4	Keypad	25
5	Others	27
5.1	Connecting with WR10	27
5.1.1	Scan to pair	27
5.1.2	Search and connect	29
5.1.3	Tap to pair	32
5.1.4	WR10 Information & Disconnect	35
5.2	WD10 specifications	37
5.3	Service	38
5.3.1	Contacts	38

1 Getting Started

1.1 Features



- (1) Battery
- (2) Power Button
- (3) Sensor
- (4) Ear jack
- (5) Left interface connector
- (6) Speaker
- (7) Display
- (8) USB Type-C
- (9) Microphone
- (10) F1~F5 Function Button

- (11) NFC antenna
- (12) Menu Button
- (13) Home Button
- (14) Back Button
- (15) Screw Hole
- (16) Wrist Mount
- (17) Right interface connector
- (18) SIM&SD Lock Button
- (19) SIM&SD cover
- (20) Cleat

1.2 Package

The **M3 WD10** package includes the following items:

WD10, Battery, Wrist Mount(+Band), Quick Manual, USB Cable(C to A)

If one or more items above are damaged or are not included in the package, contact the store where you purchased the device.

Components are subject to change depending on the product SKU.

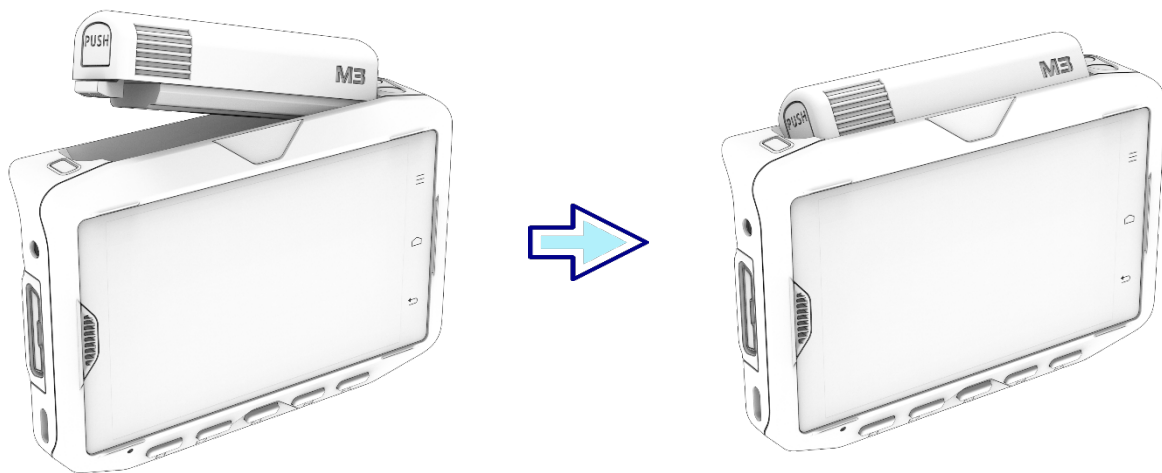
※ NOTE

The cradle and all accessories are sold separately. If the device is used for purposes other than the original device use or if it is remodeled, you may be exposed to electromagnetic waves.

1.3 Battery

Inserting the Battery

- Insert the battery in the right direction.



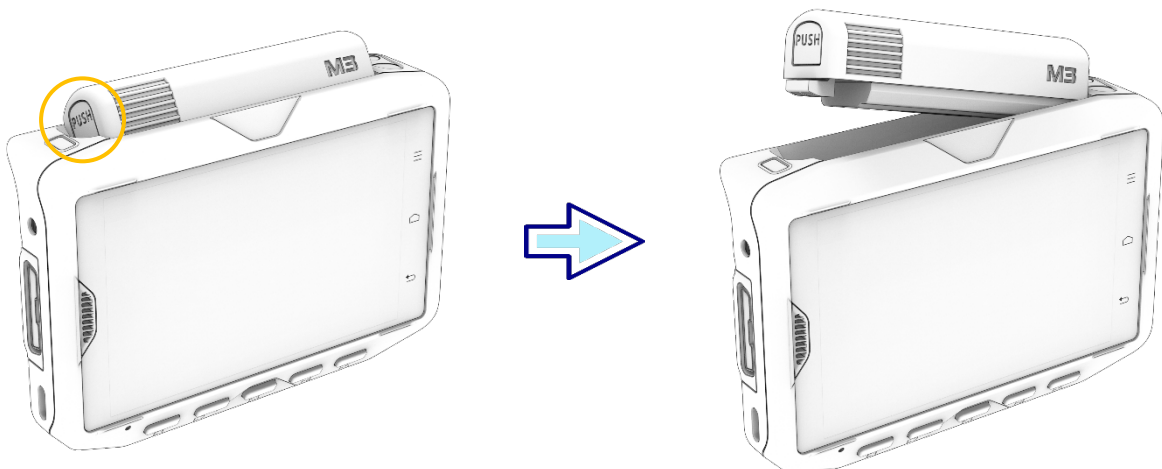
M3 WD10 uses 3,350mAh Li-ion Battery.



- If an unapproved battery is used, it may explode.
- When a battery is discarded, follow proper disposal procedure.
- Check if the battery is inserted in right direction.

Removing the Battery

- Press the “PUSH” part of the battery and remove the battery as shown below.



If the battery is not properly removed, the battery terminal may become bent or damaged. Before the battery is removed, close any running program. If it is not closed, an error may occur in the program.

1.4 How to mount/ disassemble the product on wrist

1. How to mount on wrist



Insert the wrist mount on the hand you want
and pull the bands on both sides to adjust it so that it does not move.



Insert the product into the wrist mount as shown in the picture
and push it in until you hear a click.



After ensuring the product is securely fitted, use it.



The wrist band comes in three different lengths to suit your needs. The default model is the shortest version, while the medium and longest lengths are available for purchase separately if needed.

2. How to disassemble the product



Firmly press the engraved PUSH part below the product key with your hand



Push the product in the direction shown in the picture to separate it from the wrist mount.

1.5 Charging the Battery

Before using WD10 for the first time, charge it using a USB Type-C cable directly on the WD10 device, or charge the battery with a 4-Slot Battery Charger or 16-Slot Battery Charger before use.

Charge the WD10 with USB Type-C

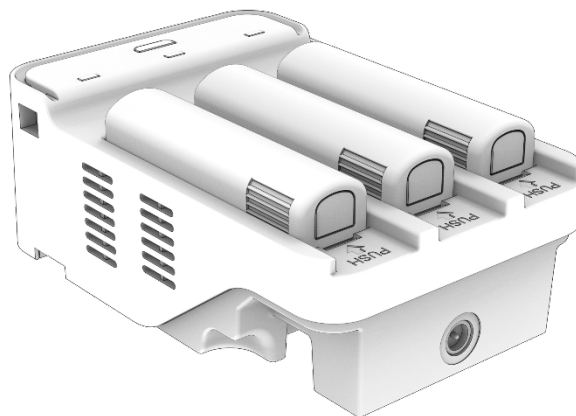
Connect the USB Type-C cable to the USB socket.


Make sure the USB is connected through the LED indicator (Red – Charging / Green – Charging complete)



Charge the battery with 3-slot battery charger

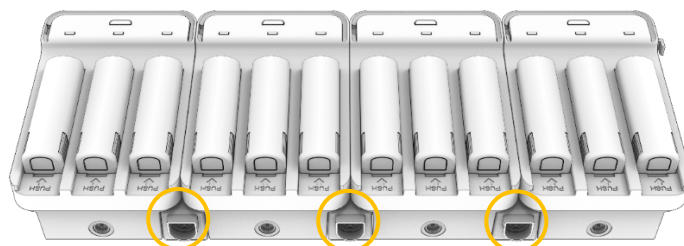
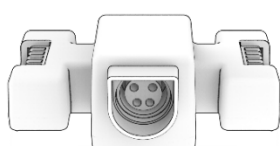
- Insert the battery in 3-slot battery charger that can be purchased separately.
- Charge begins when you insert 3 batteries on the as shown in the figure below.



AC adaptor is made to be used in 100–240V input, 12V  3A output. If a voltage beyond the range is supplied, the device may be seriously damaged.

Charge the battery with 12-slot battery charger


- Insert the battery in 12-slot battery charger that can be purchased separately.
- Charge begins when you insert 12 batteries on the as shown in the figure below.
- Connect three bridges between the 3-slot battery charger to complete the 12-slot battery charger.



Bridge

12-slot battery charger



AC adaptor is made to be used in 100–240V input, 12V  7A output. If a voltage beyond the range is supplied, the device may be seriously damaged. You can connect power supply to one of the three bridges. Please adjust the bridge to a position that is comfortable for you.

LED Color	Description
Red	Battery is being charged.
Green	Battery is fully charged.
Red blinking / Green blinking	Bad Battery is being charged / fully charged.
Red & Green cross blinking	Abnormal charging



If the battery is used at the temperature other than -20°C to 55°C, the device may malfunction or break down.

It takes about 4 hours to fully charge a battery that is fully discharged.



- It is recommended to replace a battery every two year.
- If a battery is charged and used continuously, its lifespan will decrease.

For information on the device battery, **Swipe the bottom** → **Click**

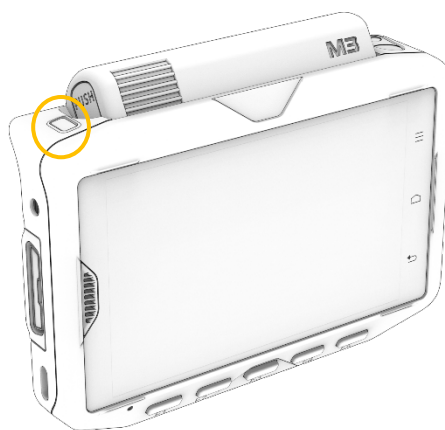


Settings → **Battery**

1.6 Turning the Device On

1.6.1 Turning the Device On

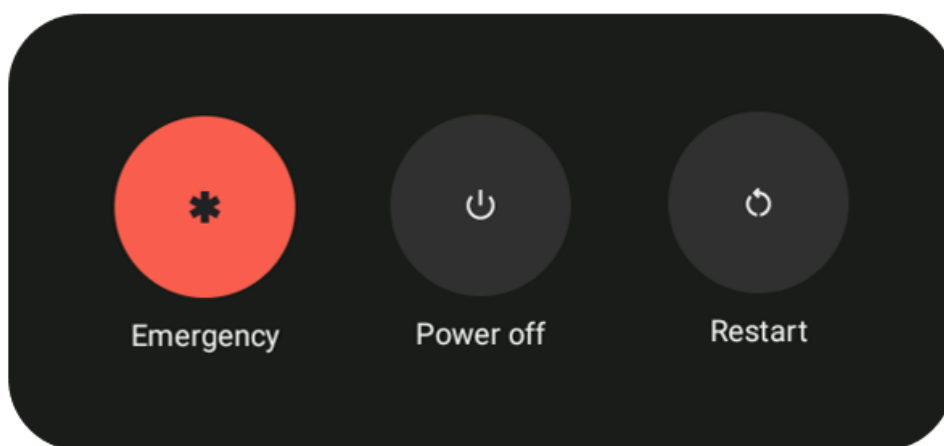
Press and hold Power button until the device vibrates. This will turn the device on and initial screen will display.



If the battery is completely discharged, problems may occur when the device is turned on. If a problem occurs, charge the battery before turning on the device again.

1.6.2 Turning the Device Off

Press and hold the Power button for about one second to display the following pop-up screen. Select the Power off menu to turn off the power.



If the device stops its operation for a long time, press and hold the Power button for about eight seconds to forcibly reboot the device.

1.6.3 Standby Mode

If the device is not used for a long time, M3 WD10 automatically shifts to standby mode to decrease battery consumption. To manually set the device in standby mode, lightly press the Power button. By default, if the device is not used for 30 seconds or longer, it shifts to standby mode. The time when the device shifts to standby mode can be set by the user.

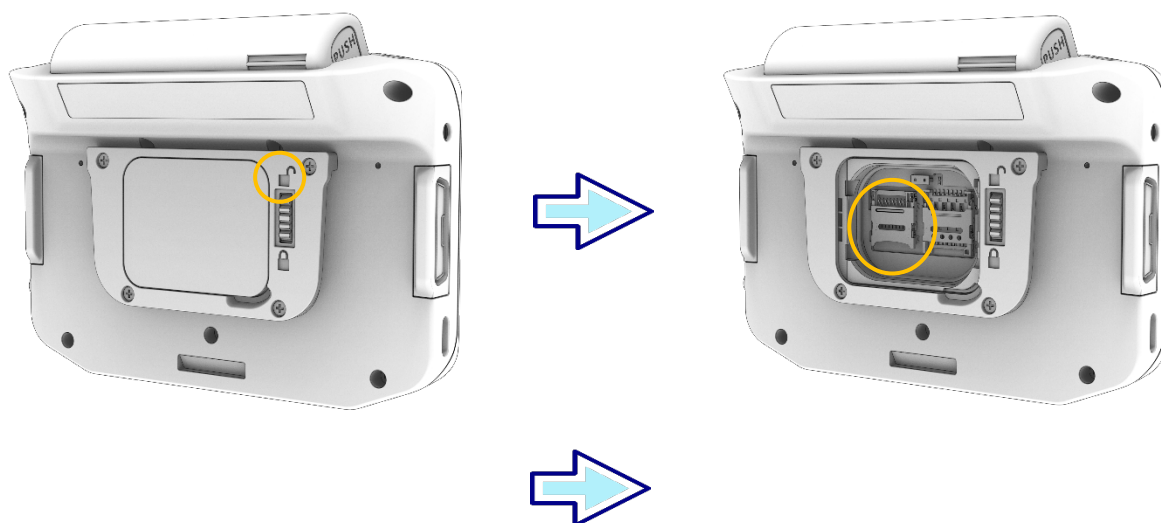


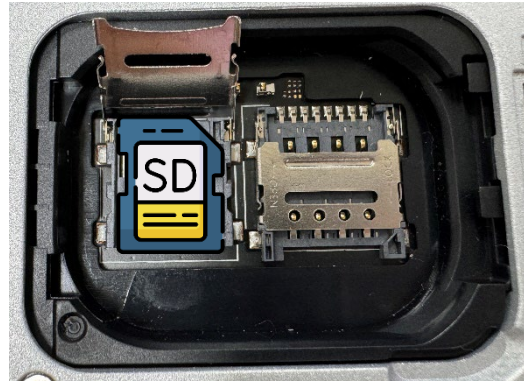
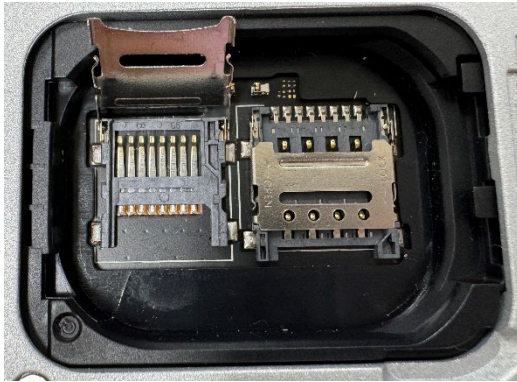
Swipe the bottom → Click **Settings → Display → Screen timeout** to change time that the device will shift to standby mode.

1.7 Memory Card

1.7.1 Inserting an External Memory Card

The Micro-SD card is used as an external memory of M3 WD10. To use the SD card, lift the SIM&SD locker up and remove the cover.





Raise the SD card socket in the "OPEN" direction and prepare to insert the SD card by lifting the socket cover. After inserting the SD card in the direction shown in the picture, lower the socket cover again and lower it in the "LOCK" direction.



Android™ 13, the OS used in M3 WD10, can support up to 2TB for external memory.

1.7.2 Checking Data

Information stored in the Micro-SD card can be checked by swiping bottom → Click



Files →

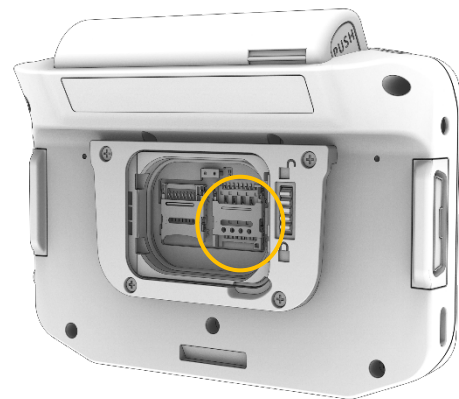
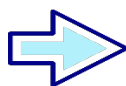
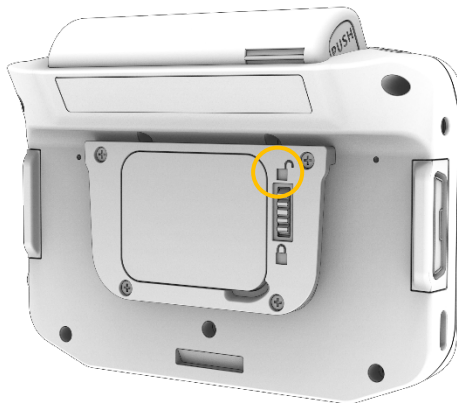
Menu → SD card

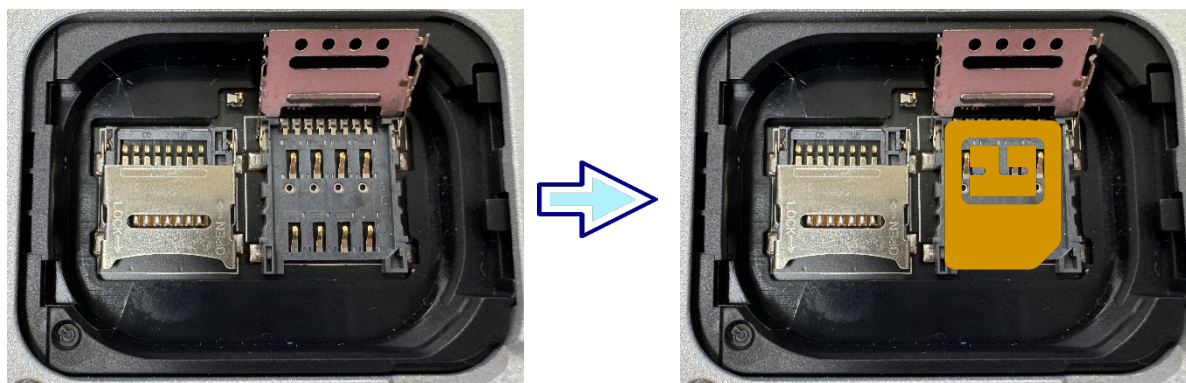
1.8 SIM Card

1.8.1 Inserting the SIM Card

SIM card supports voice call and data transfer through mobile communications. The card should be the one verified by a local network supplier.

To use the SIM card, lift the SIM&SD locker up and remove the cover.





Raise the SIM card socket in the "OPEN" direction and prepare to insert the SIM card by lifting the socket cover. After inserting the SIM card in the direction shown in the picture, lower the socket cover again and lower it in the "LOCK" direction.

For more information on how to use the phone, please see [phone functions section](#).

2 Basic Use

2.1 Key

2.1.1 Button

Button	Description
Function	Execute the work set to the button.
Menu	Display menu.
Home	Go to Home screen.
Back	Return to previous stage.
Power	Power on/off screen or shut off power

2.2 Home Screen

If the device is turned on, the following screen will be displayed. The screen is divided into six sections as follows:

- Notification Bar, Status Bar, Quick Search Bar, Home Screen, Dock Bar

2.2.1 Status Bar

The Status Bar displays status of the device.

Icon	Icon Name	Description
	Battery	Battery charging status or battery residual capacity
	Phone	Call strength or no signal
	Sound / Vibration	Sound or Vibration status of the device
	Wi-Fi	Wi-Fi connection/disconnection
	Bluetooth	Bluetooth connection/disconnection
	GPS	Status of searching the location data
	Alarm	Alarm activation status



Airplane Mode

Activation status of Airplane mode




















NO SIM

SIM card is not connected


2.2.2 Notification Bar





The Notification Bar displays device notifications.

Icon	Icon Name	Description
	More	There are more notifications.
	Data Sync	Data is being synchronized.
	Schedule	Displays the schedule.
	Wi-Fi	Open Wi-Fi network can be used.
	Music	Music is being played.
	Data Sync	An error occurs when data is being synchronized.
	Data Upload	Data is being uploaded.
	Data Download	Data is being downloaded.
	SD Card Full	Capacity of SD card is full.
	USB	Device is connected through USB.
	Debugging	USB debugging can be used.
	Received Message	There is a message received.
	Missed Call	There is a missed call.
	Wi-Fi hotspot	Wi-Fi hotspot is activated.
	USB tethering	USB tethering is activated.
	Bluetooth tethering	Bluetooth tethering is activated.
	Virtual Private Network	Device is connected to Virtual Private Network (VPN).

2.2.3 Dock Bar

Shortcut icons can be placed on the lower section to rapidly execute frequently used programs. On the Dock Bar, up to five shortcut icons may be added or deleted.

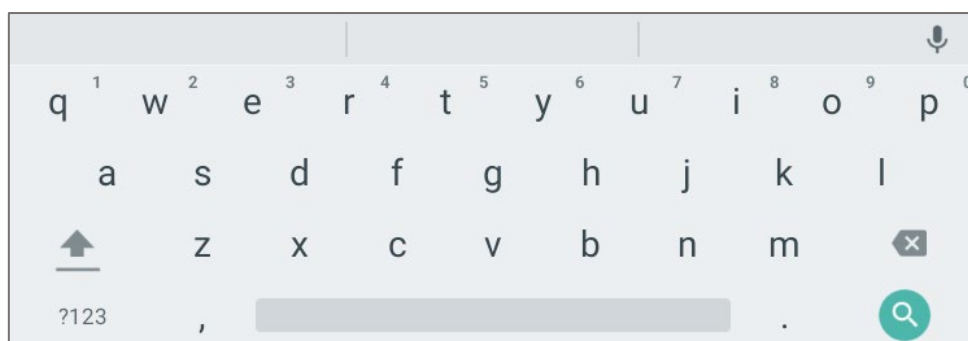
Icon	Icon Name	Description
	Phone	Receive or make a call.

	Calendar	Set, manage, or reserve a schedule.
	Contacts	Manage address book.
	Message	Receive or send a text message.
	Camera	Take photos or record videos.

2.3 Data Input

2.3.1 Virtual Keyboard

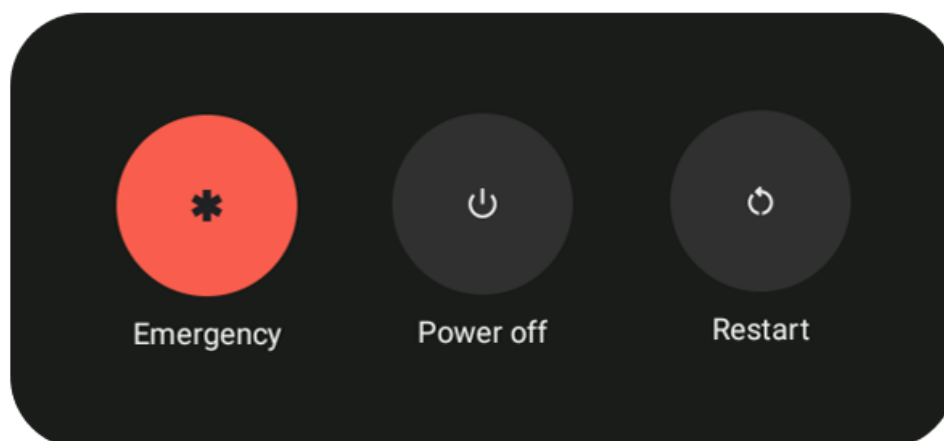
If focus is placed on the input screen, the virtual keyboard will be automatically displayed.



2.4 Device Reset

2.4.1 Soft Reset (1)

Press and hold Power button to display power management menu. Select “Restart” menu.



2.4.2 Soft Reset (2)


Long Press Power button more than 30sec.

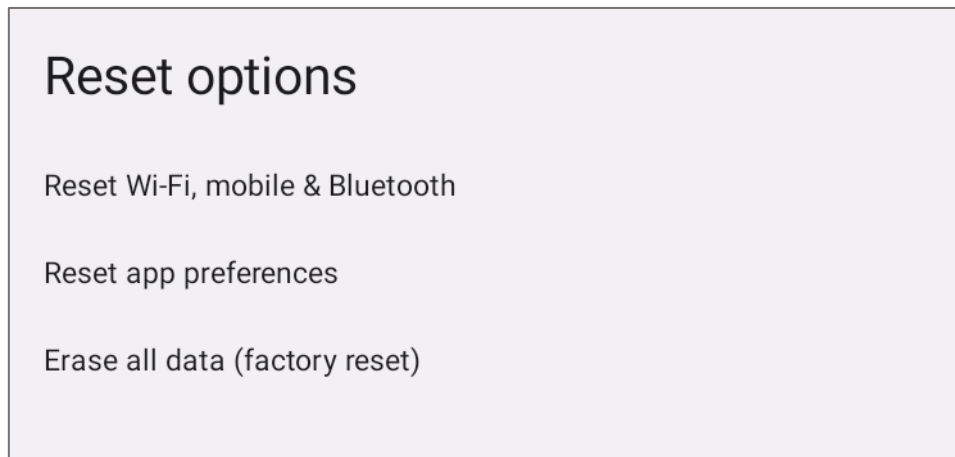
The program being executed will end, and the data or file being used will also be deleted. However, the stored data or file will not be affected by Soft Reset.

2.4.3 Factory Reset

If serious problem occurs in the device or problem is not solved through Soft Reset, perform factory reset.

For factory reset, Perform the following procedure:

Swipe the bottom → Click  Settings → System → Reset options → Erase all data (factory reset)



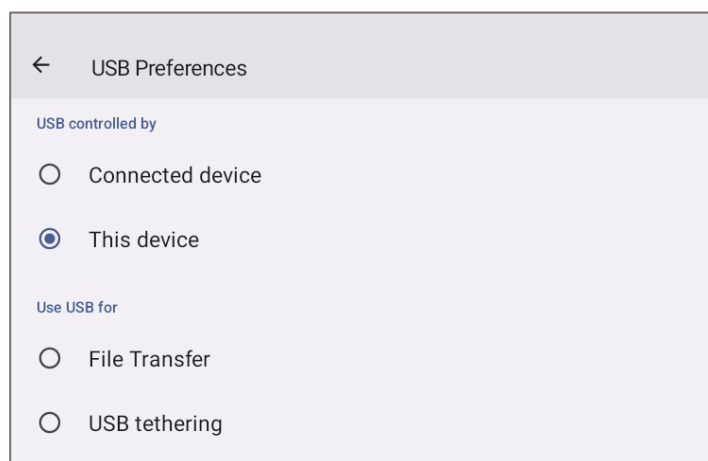
- Check if Erase internal SD card is checked. → Reset device. → Erase everything
- According to options, documents in internal SD card or Micro-SD card may be deleted. As such, please check the options. All settings will be reset.

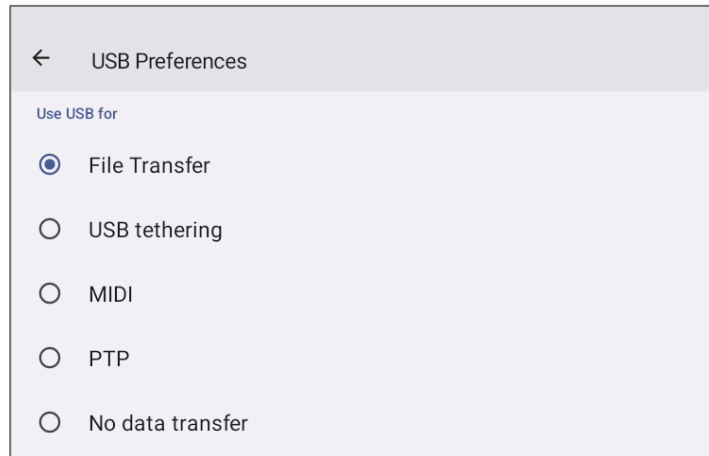
2.5 Connecting with a PC

2.5.1 How to Connect

To connect the device to a PC, perform the following procedure:

1. Connect the device to a PC via USB Type-C. You can see screen as below.





- Charge this device – This mode is only for charging a device. Data cannot be sent.
 - File Transfer – Send files to another device.
 - PTP – Send photos or files.
 - MIDI – Use as Musical Instruments App.
2. PC recognizes the device and automatically installs driver.
 3. Once the driver is completely installed, file is transferred through Explorer.



If the device does not connect with a PC, check the following:

- Check if the USB cable is properly connected between the device and PC.
- Check if LCD screen of the device is turned on.

Check above and connect them again.

3 Using the Application Screen

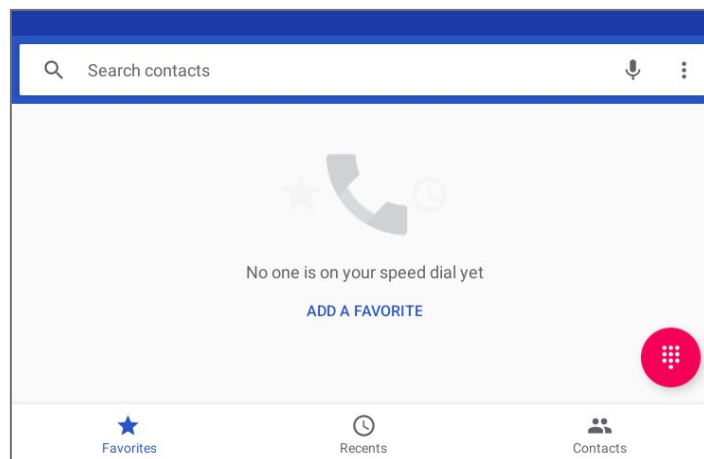
3.1 Phone Function

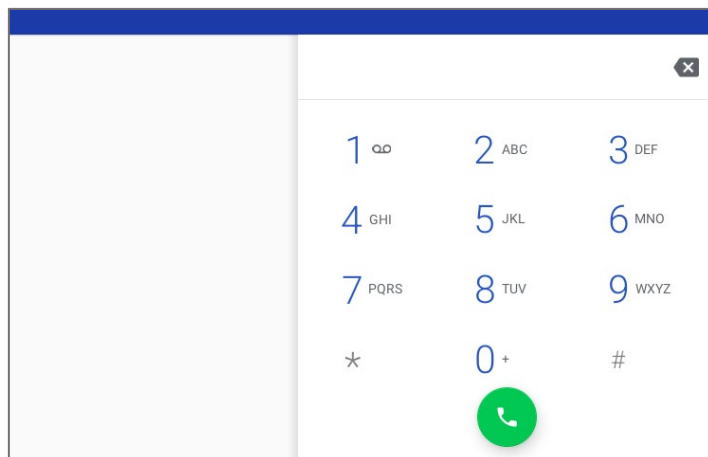
M3 WD10 supports the 2G (GSM), 3G (UMTS, HSPA+) and 4G (LTE) networks.

3.1.1 Basics



Press the icon to use the Phone menu.





- Press the (🕒) icon to see the recent call history.
- Press the (👤) icon to see the contacts.
- Press the **Create new contact** to add a contact.



Before making a call or transferring data through network, make sure that the phone function is available.

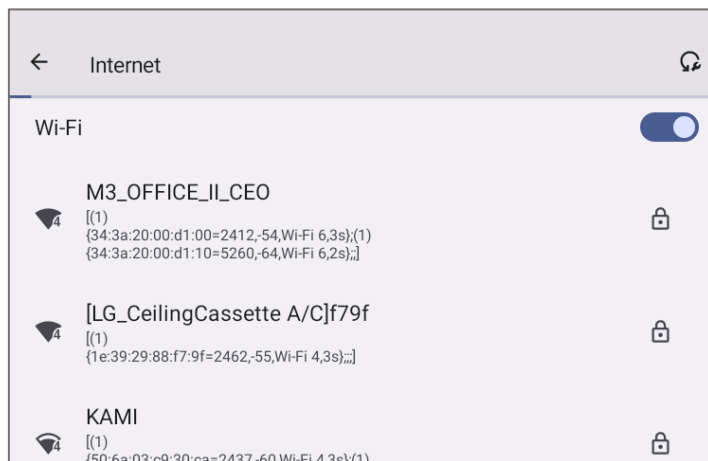
3.2 Wi-Fi

3.2.1 Setting the Wi-Fi Feature

Activating the Wi-Fi feature



Swipe the bottom → Click Settings → Network & internet → Internet

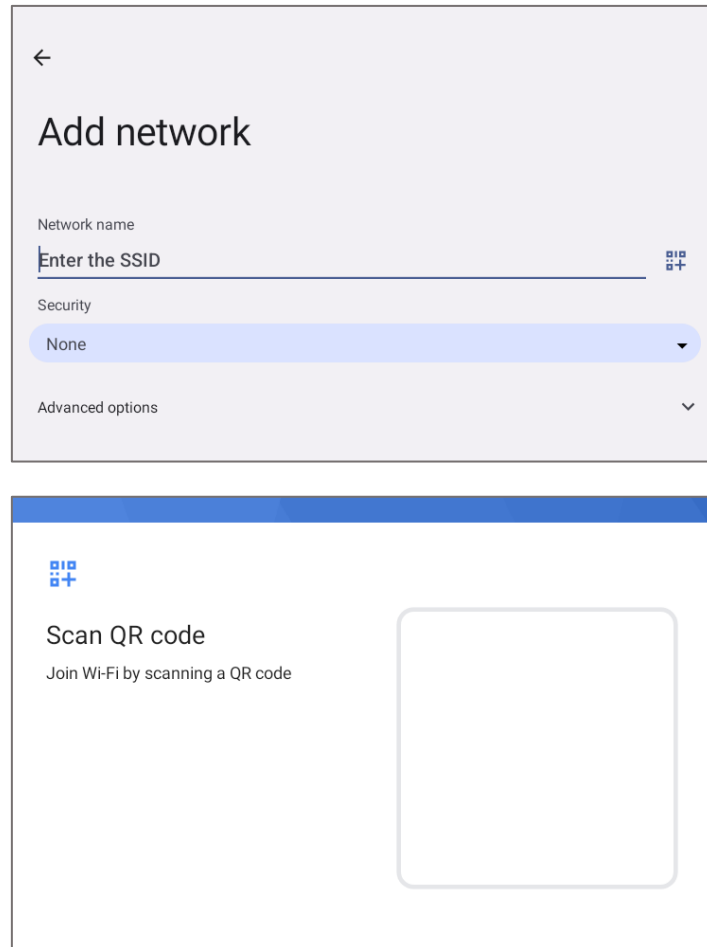


Connecting to a Wi-Fi network

To connect to an AP, perform the following procedure:



1. Select "Wi-Fi" menu of the Settings icon.
2. In the list, select an AP name to access. If necessary, enter password to complete the access.
3. You can also create a QR code to share your network and connect other devices through the shared QR code without entering your Wi-Fi password.




3.3 Bluetooth

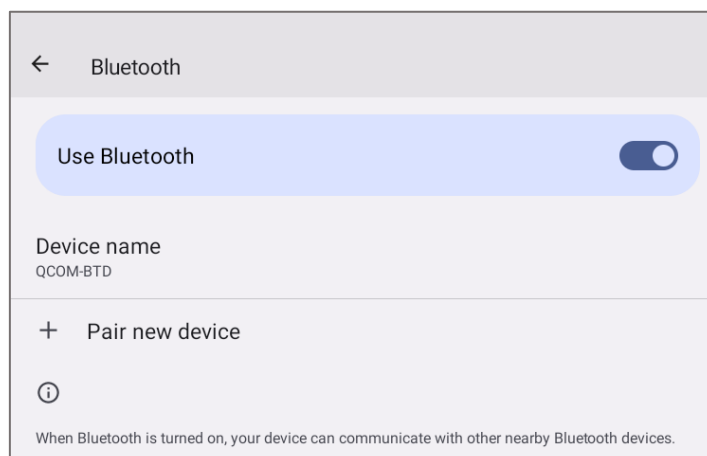
3.3.1 Setting the Bluetooth Feature

A Bluetooth device frequently used can be registered, or M3 WD10 can be searched in another device.

Activating the Bluetooth feature

Swipe the bottom → Click  Settings → Connected devices → Connection preferences → Bluetooth → + Pair new device (List of devices available to connect to is displayed)

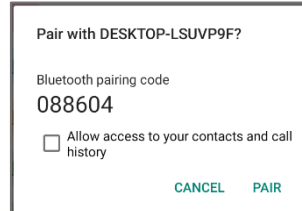
If Bluetooth signal is turned on, Bluetooth icon () is displayed in the Status bar indicating that the Bluetooth feature is activated.



3.3.2 Connecting Using Bluetooth

List of devices available to connect to is displayed

If the “Bluetooth pairing request” screen is displayed, enter PIN code of the Bluetooth device to complete access to the device.



Guide on distance between the device and user



- The device is tested in general conditions wherein the device is 0.5 cm apart from a user.
- To meet the radiation safety and protection standards of the Ministry of Science, ICT and Future Planning, the device and the antenna should be 0.5 cm or more from a user regardless of the antenna use.
- It is recommended to refrain from using a metal belt clip, case, or accessory.
- Do not wear an accessory keeping 0.5 cm or shorter from the back part of the device or one that does not meet the radiation safety and protection standards of Ministry of Science, ICT and Future Planning.

3.4 NFC

3.4.1 Setting the NFC Feature

Activating the NFC Feature

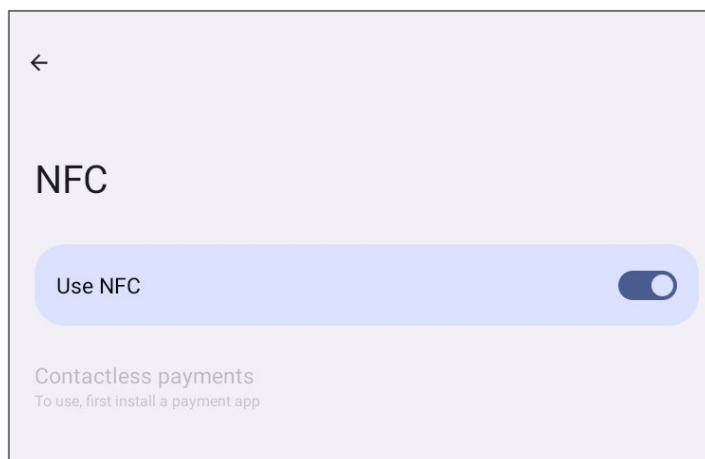
Please point to the front center of the WD10 device (LCD screen) and tag it.



Swipe the bottom → Click

Settings → Connected devices → Connection preferences →

NFC On



3.4.2 Connecting the NFC Feature

Connecting with the NFC Device

- Open Web page or screen of a video, photo, or contact.
- Place back part of the NFC device toward the NFC antenna(WD10 Screen) of M3 WD10.
- Touch the screen. Data transfer would then start.



Caution when sharing data

While sharing data, the distance between devices should be less than 5 cm.

Caution when transferring data

When transferring data between devices, they do not need to be close. It is recommended to keep the distance between devices within 10 m.

Connecting to the NFC Chip / Tag Card

1. Do not cover the antenna area with your hands.
2. Place M3 WD10 near NFC chip or tag card until data transfer is completed. (Generally, data is displayed in the application.)

Connecting to a Bluetooth Device with the NFC Feature

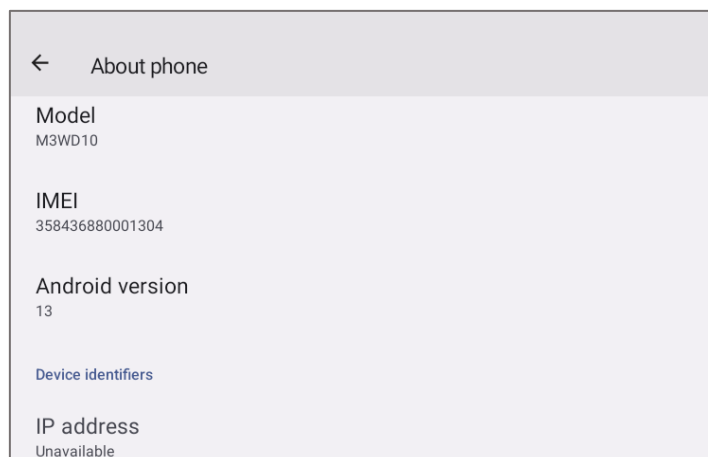
1. Do not cover the antenna area with your hands.
2. Place M3 WD10 near the device. The device displays that connection is successfully performed.

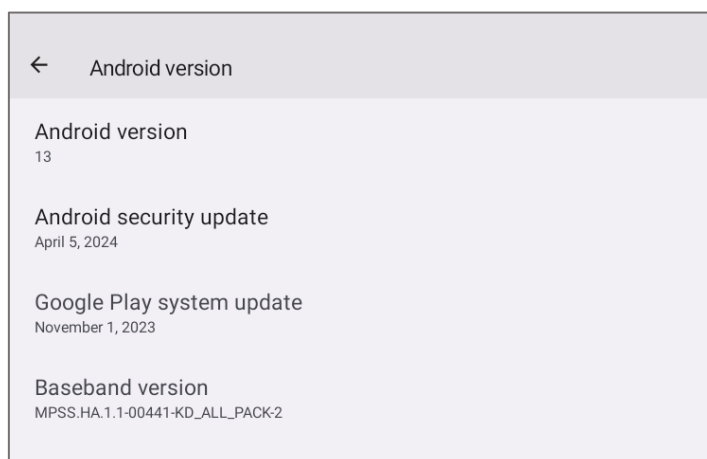
4 Advanced Use

4.1 OS Update

The M3 Mobile distributes new OS to improve the quality and performance of a product.

To check OS version of the device, **Swipe the bottom → Click**  **Settings → About Phone → Android version**





The latest OS is described on the online support page of M3 Mobile.
The OS of M3 WD10 can be updated through three methods.

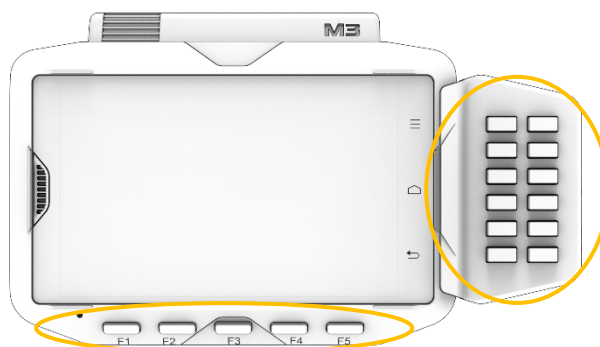
- Use Micro-SD card
- USB Type-C cable
- OTA

For detailed information on OS update, please refer to the “OS” item of the M3 FAQ (FAQ [download](#)).

4.2 Key Setting Conversion

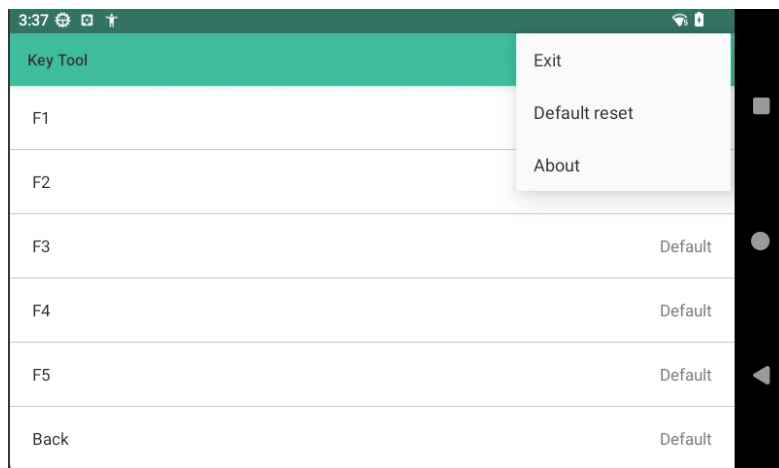
M3 WD10 allows a user to change and modify key settings for user convenience.

Swipe the bottom → Click  KeyTool application.



The setting of the device's physical buttons, except for Power button, can be changed.





4.3 Battery Hot swap

Sometimes people want to swap the battery without rebooting a device. Because,

- 1) Not saved application data is erased when device is rebooted.
- 2) Rebooting Time is too long.

Battery Hot swap function prevents this situation.



Use the battery hot swap function in the sequence below.

1. Press the power button of the device once and switch it to sleep mode.
2. Remove the battery and replace it with a new one.

*Caution! Replace battery within 30 seconds.

4.4 Keypad

You can use it as an expanded terminal by connecting a keypad sold separately. Position the keypad as shown in the picture below and secure it with screws.



5 Others

5.1 Connecting with WR10

We highly recommend using the WD10 with the WR10, as they are optimized for each other. There are three methods to connect the WR10.

The connection between the two devices may require a program called WR Scan(ver.) ScanEmul, which is already installed on the WD10.

1. Scan to pair (5.1.1)
2. Search and connect (5.1.2)
3. Tap to pair (5.1.3)


If you encounter any difficulties or have any questions, please contact our technical support team.

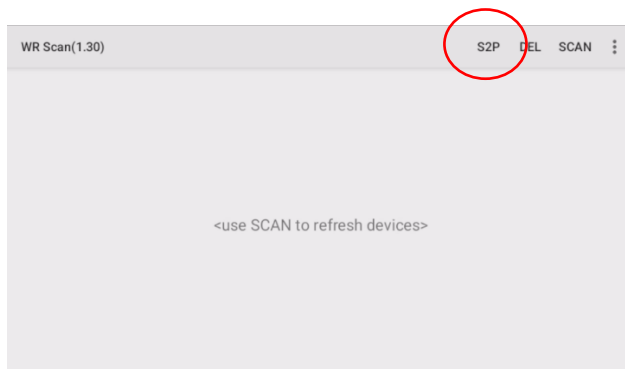
5.1.1 Scan to pair



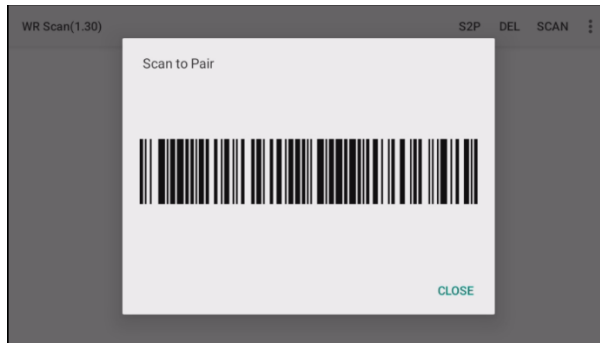
- Press and hold the small button on the side of the WR10 for more than 3 seconds to reset the pairing. The LED should start blinking blue..
- The Bluetooth on the WD10 device must be turned on.
- If the process does not work properly, it is recommended to reboot the device and try again.

Scan to Pair (S2P) Connection Method

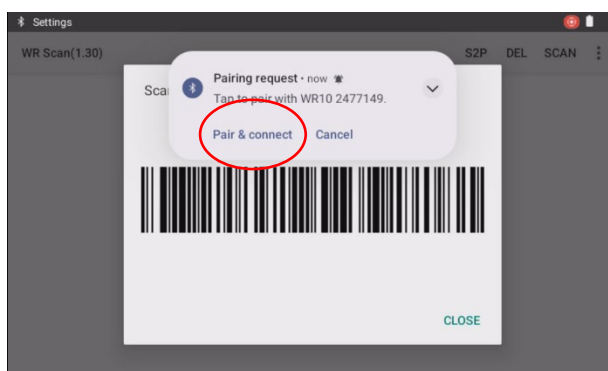
1. Run the WR ScanEmul app  and press the S2P button at the top right of the initial screen.



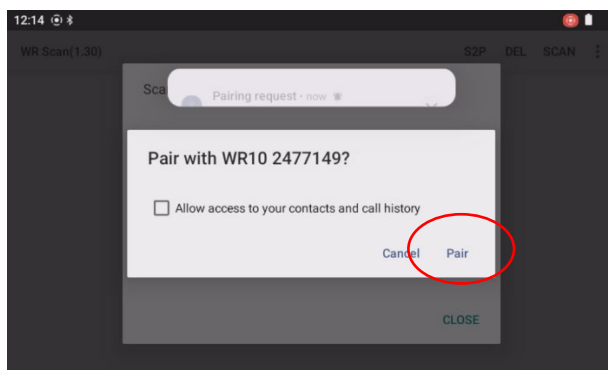
2. Scan the barcode that appears in the popup with the WR10 scanner.



3. If the WR10 successfully scans the barcode, the WR10 scanner will reboot, and a pairing request screen will appear on the WD10 device. At this point, click the pairing button.



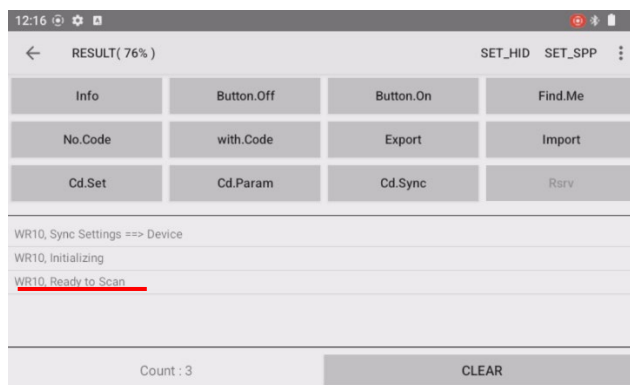
4. After clicking the pairing button, a popup window for pairing will appear once more. Click the pair button in this popup to complete the connection.



5. If all the above steps are successfully completed, you will be directed to the Result Window screen.



6. Wait for a moment while the scan emulation settings on the WD10 synchronize with the WR10. Once the message "Ready to Scan" appears, the device is fully ready for use.



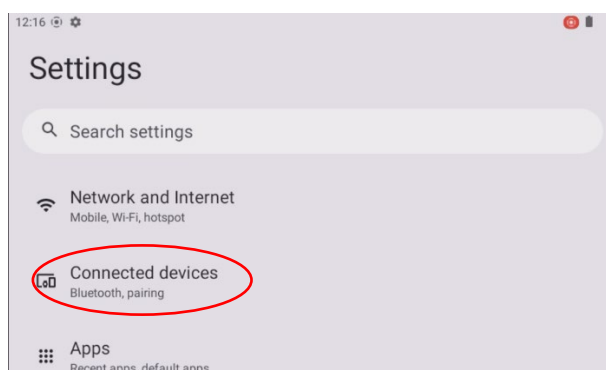
5.1.2 Search and connect

Search and connect conditions

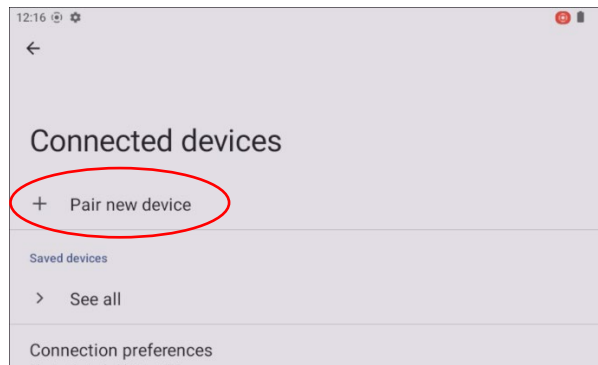


1. The WD10 device's Bluetooth must be enabled.
2. The WR10 device must be in pairing mode (LED - Blue Blinking).

1. Go to the settings menu on the WD10 device and click on "Connected Devices."

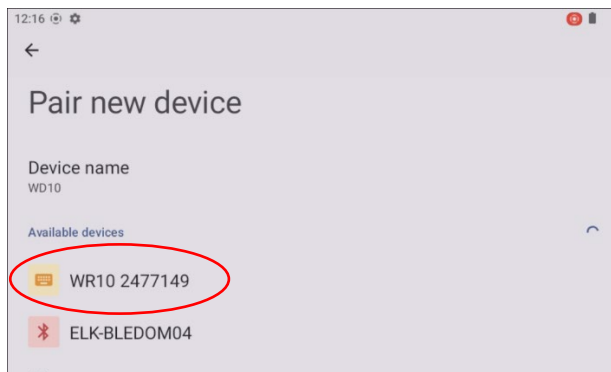


2. Tap on "Pair New Device."

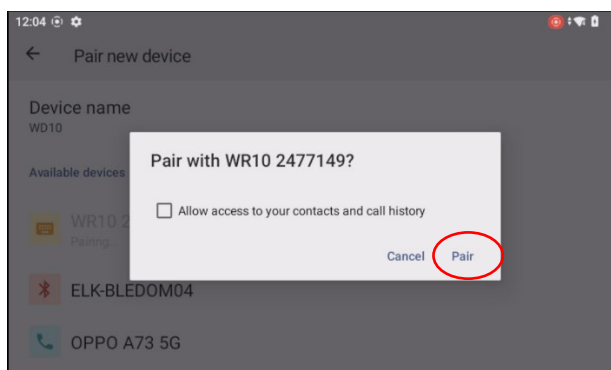


3. Select the WR10 scanner from the list.

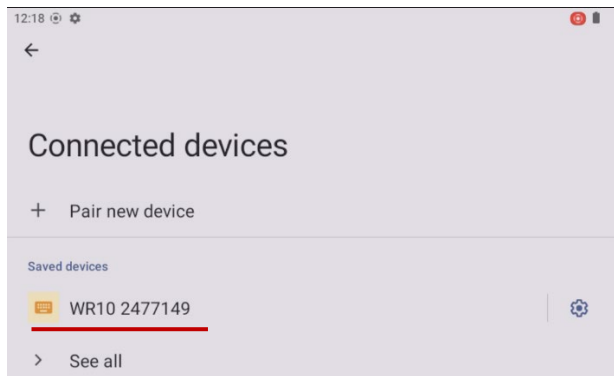
- (1. The WR10 scanner must be in pairing mode with the blue LED blinking.
- (2. If there is a record of the WD10 device being paired in the Saved devices, you must delete this record before proceeding to ensure proper operation.)




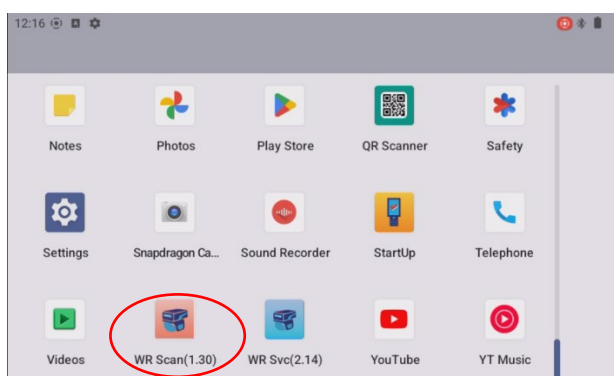
4. When a pop-up requesting pairing appears, click on "Pair".



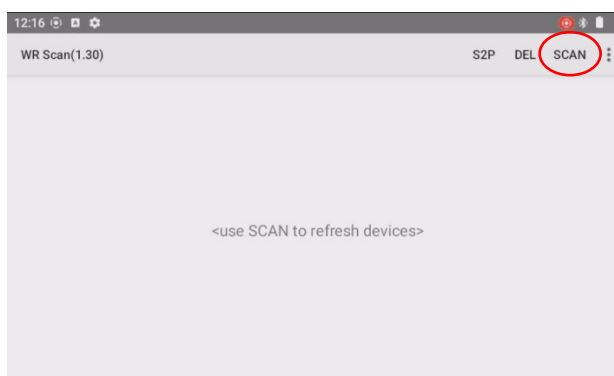
5. Once the pairing is successfully completed, you will be able to see the WR10 scanner listed under Connected devices.



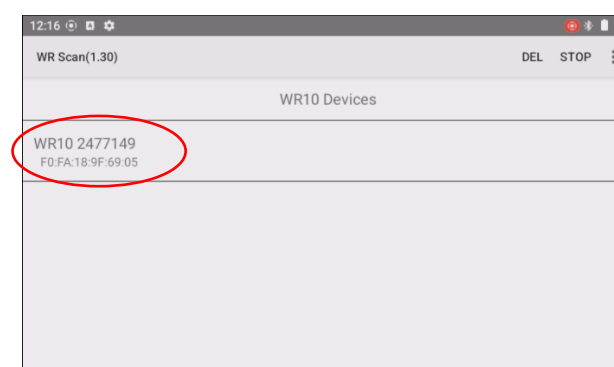
6. Run the WR ScanEmul app  .



7. press the Scan button at the top right of the initial screen.



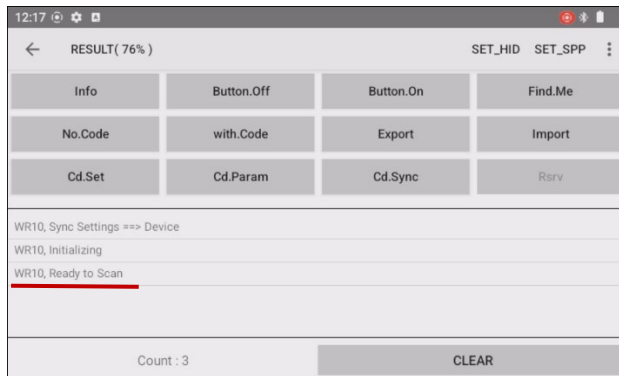
8. Click on WR10 from the list.



9. While the WD10 device and WR10 scanner are synchronizing, you will hear several beeps.



10. Once the message "Ready to Scan" appears, the device is fully ready for use.



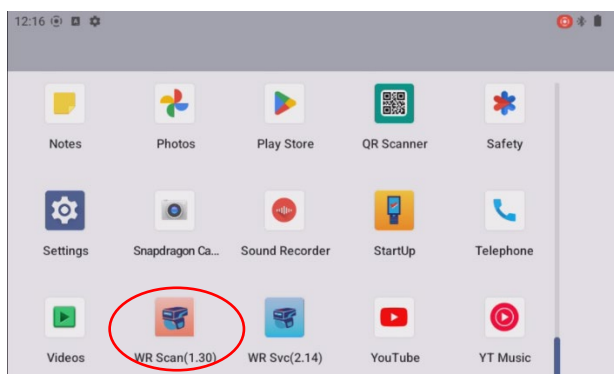
5.1.3 Tap to pair

Tap to pair conditions

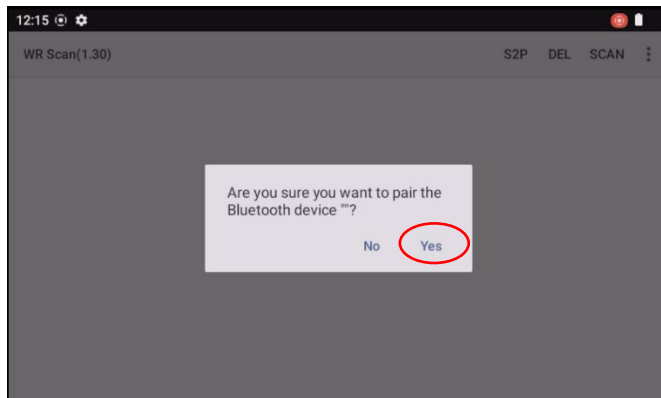


1. The WD10 device's Bluetooth must be enabled.
2. The WD10 device's NFC must be enabled.
3. The WR10 device must be in pairing mode (LED — Blue Blinking).

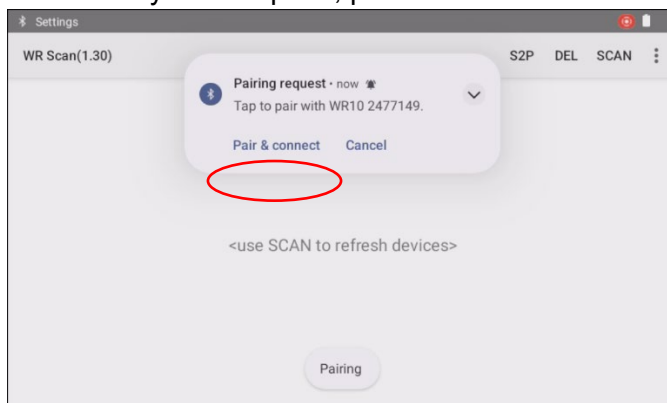
1. Run the WR ScanEmul app



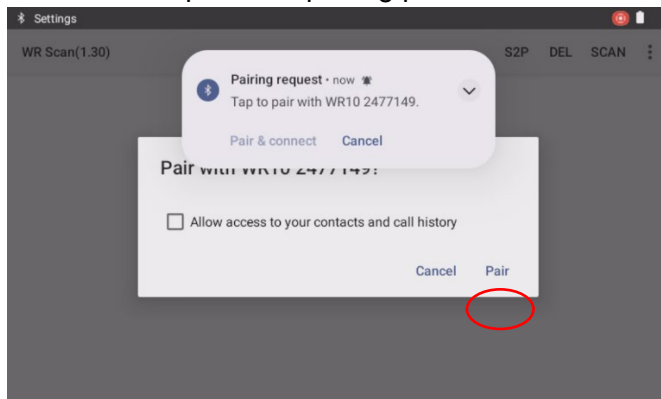
2. With ScanEmul turned on, place the part of the WR10 scanner with the NFC logo against the center of the WD10 device's LCD display.
3. If the NFC of the WR10 scanner and the WD10 device is recognized successfully, a pop-up will appear asking if you want to pair the devices. At this point, press the "YES" button.



4. After pressing the "YES" button, another pairing request pop-up will appear immediately. At this point, press the "Pair & connect" button.



5. Finally, a confirmation window will appear to verify the pairing. Press the "Pair" button to complete the pairing process.



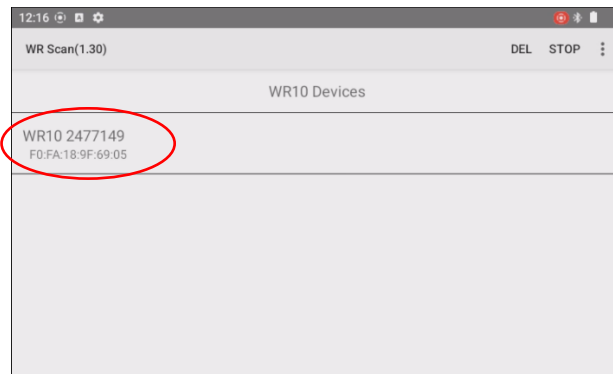
6. Afterwards, press the Scan button on the right side of the Scan Emul app.



11. press the Scan button at the top right of the initial screen.



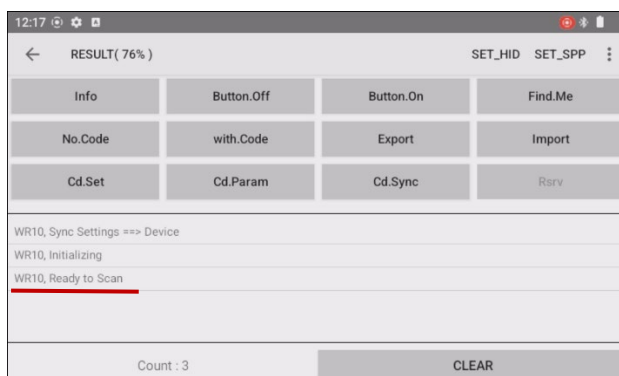
12. Click on WR10 from the list.



13. While the WD10 device and WR10 scanner are synchronizing, you will hear several beeps.



14. Once the message "Ready to Scan" appears, the device is fully ready for use.



5.1.4 WR10 Information & Disconnect

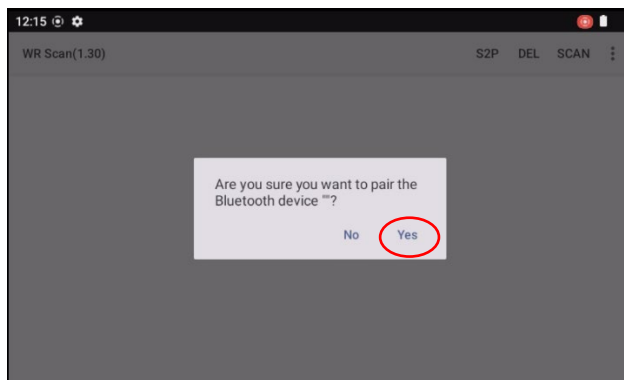
On the Scan Emul app of the WD10 terminal, you can delete all pairing records with a single click.



1. Run the WR ScanEmul app .
2. press the Scan button at the top right of the initial screen.



3. When a popup button appears to delete all pairing connections, click OK.



Due to the terminal's status or software usage conditions, it is recommended to reboot the WD10 after deleting all pairings to ensure proper functionality.

5.2 WD10 specifications

Physical Characteristics	
Dimensions	118 * 91 * 30 mm
Weight	220g
Display	4-inch color WVGA (800 x 480)
Touch panel	Corning Gorilla Glass / Capacitive multi-touch / Glove, Finger
Backlight	LED backlight display / 500cd/m2
Expansion Slot	User accessible MicroSD with 1TB
SIM Slots	1 SIM
Connections	USB 2.0 High Speed OTG (host/client); Type C connector, WLAN, Bluetooth and WWAN
Keypad	5 Funktion keys, Power Key, 12keys Keypad(order separately)
Performance Characteristics	
CPU	Quad Core 2.0 GHz
OS	Android 13 to 15 * Subject to technical feasibility
Memory	4 GB/64 GB
Power	Li-ion 3.6 V / 3,350mAh Smart Battery / Hotswap
Data Capture	
Camera	13M pixels auto-focus
NFC	ISO 14443 A/B, ISO 15693, Mifare
Wireless WAN Data AND VOICE COMMUNICATIONS (X model only)	
Radio Frequency Band	GSM : B3 / 5 / 8 WCDMA : B1 / 5 / 8 LTE-FDD: B1 / 3 / 5 / 7 / 8 / 20 LTE-TDD : B38 / 40 / 41
GPS	GPS , A-GPS, GLONASS, Galileo, Beidou
Wireless LAN	
Radio	IEEE 802.11 a/b/g/n/ac
Wireless PAN	
Bluetooth	Bluetooth 5.0 BLE
Regulatory	
EMI/EMC	EN 301 489-1; EN 301 489-3; EN 55032; EN 55035 Class A
Electrical Safety	IEC 62368-1
RF Exposure	EU: EN 50364, EN 62369-1, EN 50566, EN 62311
User Environment	
Temperature	Operating Temperature: -20° C to 55° C (4° F to 131° F) Storage Temperature: -30°C to 75°C (-22° F to 167° F)
Humidity	5% to 95% RH (Non-condensing)
Tumble Test	0.5m/1000Cycle
Drop Test	Multiple 6 ft./1.5 m drops to concrete across the operating temperature range per MIL-STD-810G
Sealing	IP65
Vibration	Sine: 4g's peak, 5hz to 2khz, Random: .04g²/hz, 20hz to 2khz 60minute duration per axis, 3 axis

Thermal Shock	-40° F to 176° F/-40° C to 80° C rapid transition
ESD	+/- 15kV air, +/-8kV contact discharge, +/-8kV indirect contact discharge
Interactive Sensor Technology (IST)	
Light Sensor	Automatically adjusts the brightness of the display
Magnetometer sensor	eCompass automatically detects direction and orientation
Motion Sensors	Gyro Sensor, Accelerometers: for X,Y, and Z movement, and gyroscopes for measuring the extent and rate of rotation in space
Proximity Sensor	Detect the presence of nearby objects without any physical contact, during a telephone call, proximity sensors play a role in detecting accidental touchscreen taps
Environmental Compliance	
Directive 2011/65/EU, Directive(EU)2015/863	
Warranty	
Subject to the terms of M3Mobile's hardware warranty statement, the WD10 series are warranted against defects in workmanship and materials for a period of 1 (one) year from the date of shipment. For complete warranty statement.	

5.3 Service

If you have any questions or complaints with using our product, please contact M3 Service Center or visit our Web site (<http://itc.m3mobile.net>). We do our best to immediately respond to your inquiry. The M3 FAQ document may help resolve general problems. For any questions on work programs, please contact the program supplier for faster service.

5.3.1 Contacts

- **Head Office**

Unit 1107~1109, Acetechnotower 10th round, 196, Gasan digital 1-ro, Geumcheon-gu, Seoul, Korea, 08502
Tel: +82 2 574 0037, Fax: +82 2 558 1253
www.m3mobile.net, sales@m3mobile.co.kr, sales_eu@m3mobile.co.kr

- **Service Center (Korea)**

Chun-ui Techno Park 201-610, 202, Chunui-dong, Wonmi-gu, Bucheon, Gyeonggi-do, 420-857, Korea
Tel: +82 32 623 0037, Fax: +82 70 4015 6323, cs@m3mobile.co.kr

- **Service Center (Germany)**

M3Mobile GmbH
Am Holzweg 26, 65830 Kriftel, Germany
Tel: +49 6192 9222150, cs@m3mobile.co.kr

- **ITC (M3 Mobile Information & Technology Center)**

<http://itc.m3mobile.net>, it@m3mobile.co.kr

- **M3Mobile GmbH**

Am Holzweg 26, 65830 Kriftel, Germany
Tel: +49 6192 9222148, sales@m3mobile.co.kr

