

# MT-4308W Mobile Terminal System User Manual



## MT-4308W/R



### Package Contents

- ✓ MT-4308W/R (x 1)
- ✓ Pistol grip (x1)
- ✓ 15W power adaptor (x 1)
- ✓ Stylus (x 1)
- ✓ RB-3000 Battery pack for pistol grip (x 1)
- ✓ User manual (x 1)
- ✓ MT-4308W/R barcode scanner user manual (x 1)

## MT-4308W/H



### Package Contents

- ✓ MT-4308W/H (x 1)
- ✓ 15W power adaptor (x 1)
- ✓ Stylus (packed inside the power adaptor box) (x 1)
- ✓ User manual (x 1)



**MT-4308W is required to be charged over 8 hours when used for the first time.**

12550900010 Ver. Original

<http://www.posiflex.com>

## Product Feature

### Ergonomic Design

Pistol grip shape handle is ergonomically designed for easy handling of the tablet.

### Extra Protection

Hand strap strengthens the stability and eases user's fatigue during the hours of work.

### All-in-one Solution

Optional dock station equips with a built-in 3" thermal printer and various I/O connectivity; once the tablet is integrated with the dock station, an all-in-one POS is instantly at your disposal.

### Versatile Function

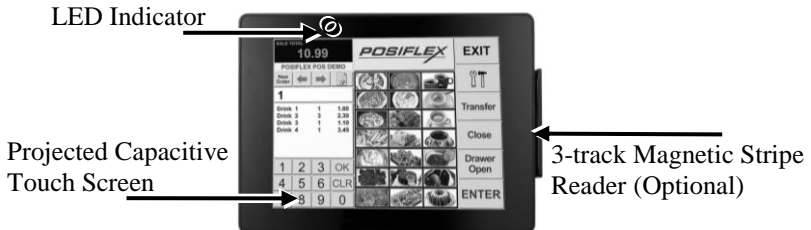
MSR attachment and 1D or 2D barcode scanner built in the pistol grip; MT-4308W offers more than just mobility but versatility.

### Long Hour Operation

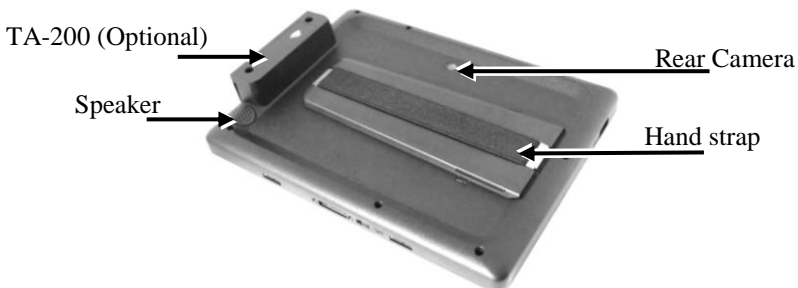
MT-4308W is designed with advanced power saving technology that provides long battery life for daily operation. The pistol grip also houses a removable battery that can vastly extend the overall operating time.

## Views of the MT-4308W/H

### Front View



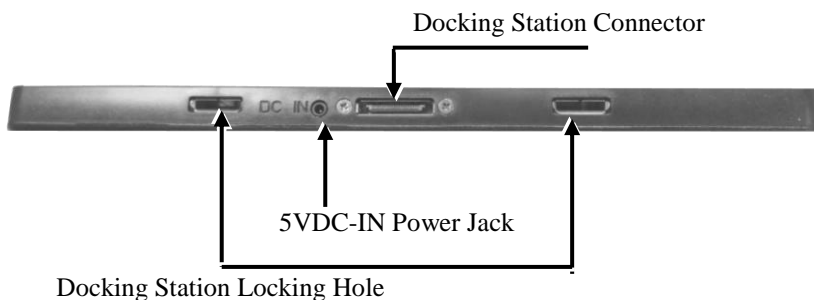
### Rear View



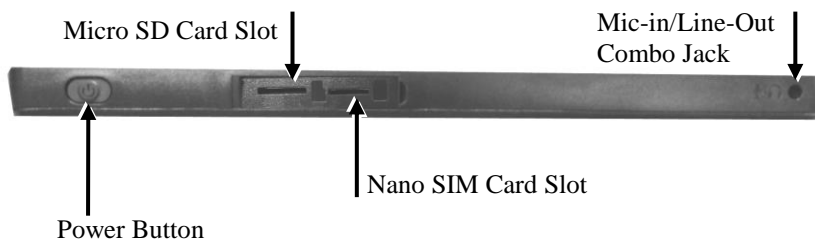
### Top View



### Left Side View



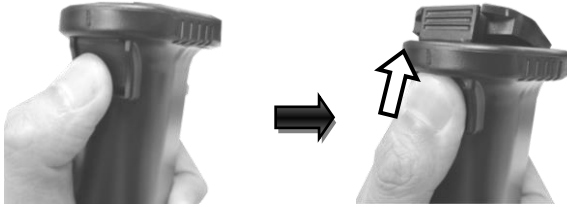
### Right Side View



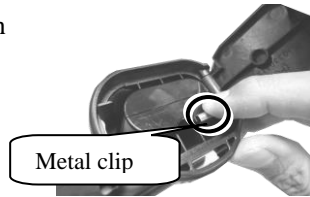
### **Load RB-3000 Battery Pack and a stylus into the Pistol Grip PG-200E (for MT-4308W/R)**

MT-4308W/R with PG-200E pistol grip supports 1D CCD, 1D Laser, and 2D barcode scanner. Before the scanner can be initiated, it is required to install the battery pack RB-3000 and a stylus in the battery compartment inside the pistol grip. Please follow the steps listed below to finish the installation.

1. Press down the lever and then push up the cover for battery compartment as shown in the figure.



2. To replace the existing battery, gently push the metal clip outwards to release the battery. If you are installing the battery for the first time, please skip to the next step.



3. After having the rail on the battery pack aligned with battery clip, push down the battery pack into battery compartment.



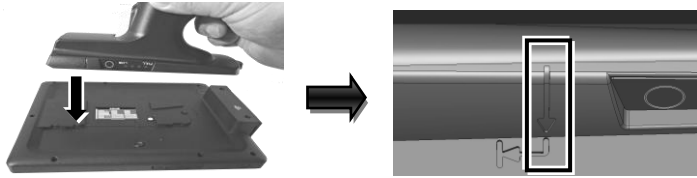
4. Push down the cover to close the battery compartment.



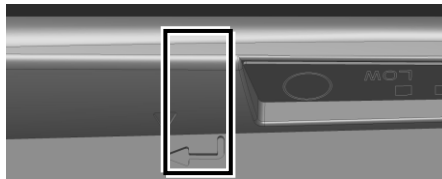
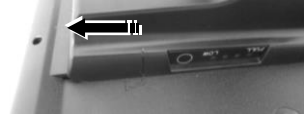
### **Connecting the Pistol Grip onto the Tablet (for MT-4308W/R)**

Different from MT-4308W/H, MT-4308W/R is equipped with an additional pistol grip which aims to help users grip the terminal more easily while they are operating the scanner. Please refer to the following instructions to install the pistol grip onto the tablet.

1. To attach the pistol grip to the tablet, align the arrow head on the top side of the pistol grip with the tail of the arrow on the rear of the tablet.



2. After ensuring the pistol grip is well attached to the tablet, push the pistol grip in the direction indicated by the arrow as shown in the figure.
3. Make sure the head of the down arrow on the pistol grip is supposed to be aligned with the head of the arrow on the rear side of the tablet as the below figure shows, which indicates the pistol grip is well mounted.



4. To check how much battery capacity remains in PG-200 pistol grip, press the battery capacity checking button on the pistol grip to show the current battery capacity level through the LED indicator.



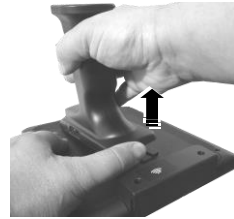
### **Replacing the Pistol Grip with a Hand Strap Cover (Optional)**

The hand strap cover is an optional peripheral designed for users to easily hold the tablet for operation. To replace the pistol grip with a hand strap cover, follow the steps listed below.

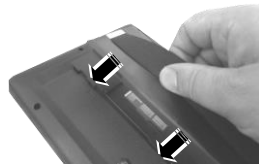
1. While pushing the release lever to the left (1), slide the pistol grip in the direction indicated by the arrow in the figure (2).



2. Pull the pistol grip off from the tablet.



3. Align the hand strap cover with the grooves on the rear side of the table.



4. Make sure that the hand strap cover is well attached to the rear side of the tablet.



5. Slide the hand strap cover up in the direction indicated by the arrow until it is clicked into place.



6. Fasten the hand strap cover onto the tablet using a screw.



## Replacing the Hand Strap Cover with a Pistol Grip (Optional)

Please follow the below steps to replace the hand strap cover with a pistol grip.

1. Loosen the screw to remove the hand strap cover from the tablet.



2. Slide the hand strap cover down in the direction indicated by the arrow.



3. Remove the hand strap cover from the rear side of the tablet.



4. Go through the **Connecting the Pistol Grip onto the Tablet (for MT-4308W/R)** section which is described previously to complete the installation of the pistol grip onto the tablet.

## Inserting a micro SD Card or SIM card into MT-4308W

Please follow the below steps complete the installation of micro SD card and SIM card.

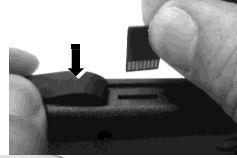
1. Turn off MT-4308W completely. Then, pull off the rubber cover located on the right side of MT-4308W to find micro SD card slot and nano SIM card slot.



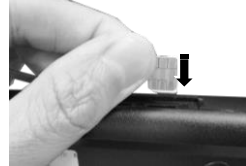
Nano SIM Card Slot  
(Only available for MT-4308W series with 3G Module)

2. Have the rear of MT-4308W face towards you to install micro SD card or SIM card.

- 2.1. To insert a micro SD card into the micro SD card slot, make sure the side with the golden finger of the card faces downwards, and then slide the card down into the slot.



- 2.2. Similarly, to install a SIM card, push SIM card into nano SIM card slot with its gold contacts facing towards you.

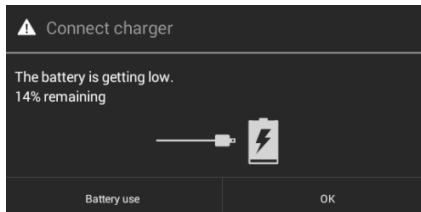


3. Pull off the rubber cover to close the compartment.
4. If you attempt to release a micro SD card or SIM card from the slot, push the card with your fingertip to slide it out.

## Charging the Battery

Below are some cautionary advices you need to keep in mind while you attempt to charge the battery.

1. **MT-4308W is required to be charged over 8 hours when used for the first time.**
2. **When the system pops up a warning message as shown below, it indicates the battery is currently running low. At that time, please fully charge the battery immediately to avoid data loss.**



3. **When the low battery capacity indicator on the pistol grip beams, please charge or replace the battery for the pistol grip immediately.**
4. **Only charge the battery with power adapter which comes with MT-4308W. Using a different power adapter may damage your device.**
5. **When the battery is running very low (less than 6 percent of battery capacity), the system will be automatically shut down to protect the battery from being over-discharged.**

Please go through the following instructions to charge the MT-4308W using the power adapter.



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In considering the battery life could be consumed drastically under heavy usage, you may also choose to purchase either another replacement battery RB-3000 for the pistol grip or the battery charger CS-100 for rapidly charging the replacement battery RB-3000.

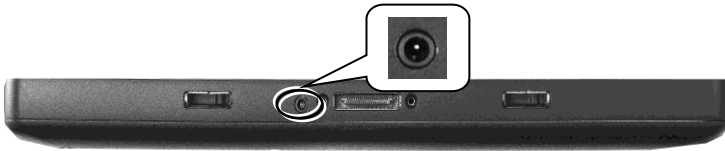
1. Connect the power connector of the power adaptor to the tablet.



2. Plug the AC power adaptor cord into an electrical outlet. In general, the tablet battery will be charged first. Once the process of charging the tablet is complete, the pistol grip battery will then be charged.

## MT-4308W/H

1. Connect the power connector of the power adaptor to the tablet.



2. Plug the AC power adaptor cord into an electrical outlet to initiate the charging process.

## **Status LED Indicator**

On the left-top corner of the tablet of MT-4308W is located one specially-designed LED indicator used to deliver special message regarding the current system status and battery life. The blow chart enumerates all the possible LED indicators and its meaning for your reference.

LED Status	System Status	Descriptions
Solid blue	ON	✓ System booting.
Solid Orange	ON	✓ System is being charged.
Blinking Orange	ON	✓ Battery charging error occurs
OFF	ON	✓ System enters sleep mode. ✓ System has been booted to Windows. ✓ Battery is fully charged.
OFF	OFF	✓ System powers off

## **Powering ON/OFF MT-4308W**

### **Power ON MT-4308**

To power on MT-4308W, keep pressing the power button of the machine for 5-10 seconds. If the terminal falls into the sleep mode after remaining idle for a specific period of time, push the power button to wake the device up.



### **Power OFF MT-4308**

When MT-4308 stays in idle mode, push the power button to put your device into sleep mode, and press the power button again to wake up the tablet. To completely shut down the machine, you need to press and hold the power button for at least 20 seconds. In the case the system halts for unknown reasons, you are advised to hold down the button until a system shutdown is initiated.

## **Operating TA-220/300 Magnetic Stripe Reader (Optional)**

MT-4308W also offers MSR solutions. As optional items, TA-220/300 both allow you to integrate built-in MSR into MT-series tablet. However, TA-220 mainly supports MSR with RFID but TA-300 is an attachment combined with three-track MSR and finger printer sensor.

Please go through the following instructions on how to operate magnetic stripe reader provided via TA-220/300.

1. Have the side with the magnetic stripe of a card face the touch panel of the tablet.
2. Swipe the magnetic stripe card along the track of the reader from top to bottom or from bottom to top.



## **Operating the 1D/2D Scanner (for MT-4308W/R)**

MT-4308W/R is equipped with an optional 1D CCD, 1D Laser, or 2D scanners features 1D and/or 2D barcode scanning. It also supports two types of USB interfaces, USB HID or USB Virtual COM, and the scanner is generally set to USB HID mode by default. For more detailed information, please refer to the barcode scanner user manual.



## **Mounting TA-500 onto MT-series Tablet (Optional)**

TA-500 is an external battery pack kit mainly designed to provide extra battery life to MT-series tablet. For the detailed installation instructions, please refer to TA-500 user manual.



## **Installing an Operating System**

You are highly advised NOT to install or change the Windows operating system and drivers which are preloaded on MT-4308W without professional instructions. Not only might the careless handling during installation cause irreversible damage to your system, but also the improper installation likely leads to system malfunction or failure. Please contact with your dealers about the issues of operation system installation.

## **Performing System Recovery**

For MT-4308W models with preloaded operating systems, you are NOT encouraged to recover your system without the help of the system integrators. Please be advised to contact your service center for further assistance with system recovery.

## **Installing Optional Upgrade Kits**

Posiflex MT-4308W can work with multiple optional upgrade kits, such as MSR, Smart Card Reader and the like. For the detailed instructions, refer to the user manual related to each peripheral devices.

## Specifications

<b>MT-4308W</b>	
CPU	Intel Cherry Trail Atom x5-Z8350, 1.84GHz
DRAM Memory	2GB DDR3L-RS
OS	Windows Embedded 8.1 Industry Pro (64-bit only), Windows 10 IoT (32-bit & 64-bit)
Display	8" TFT LCD with LED backlight, 1024 x 768 or 1280 x 800
Touch Screen	P-CAP touch
Storage	eMMC 32GB or 64GB
Wireless connectivity	IEEE 802.11a/b/g/n dual +BT 4.0
Power Supply	5V/3A 15W power adaptor
Rear Camera	8M pixels
Internal Speaker	Yes
Ambient Light Sensor	Yes
Accelerometer	Yes
Audio	Mic-in/Line out combo jack x 1
3G	Yes, optional
USB Port	Micro USB x1 (non OTG USB Port)
SIM Card	Yes, Nano card slot (only available for MT-4308W with 3G module)
DC-in Jack	Yes
Power Switch Button	Yes
Battery Pack	3.7V/ 4800 mAh, 17.76 Wh
LED Indicator	Blue color LED x 1; Orange color LED x 1
<b>Optional Items</b>	
TA-220	Side attachment with three-track MSR and RFID
TA-300	Side attachment with three-track MSR and finger print sensor
TA-500	Battery Pack Kit
PG-200E	Pistol grip supports 1D/2D barcode scanning.
DS-300/310	Dock Station: USB 2.0 x 3 + GbE x 1 + Serial Port x 2 + CR Port x 1 + 3" WiFi Printer x 1