SPECTRA Technologies TA10Q Android POS Installation Guide

SPECTRA Technologies TA10Q Android POS

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Contents

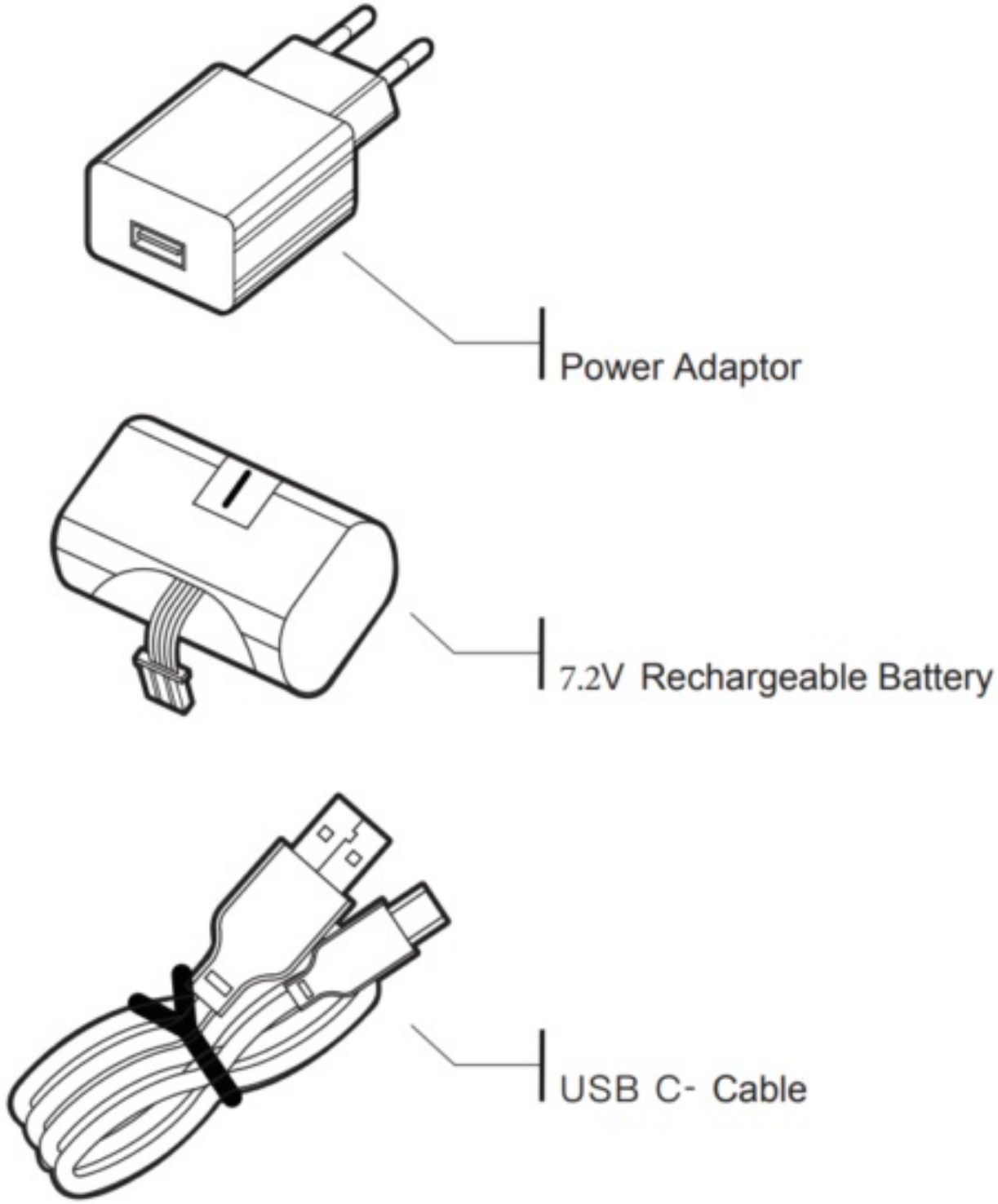
1 APOLLO Android POS
1.1 Main Unit & Accessories
1.2 Features at a Glance
1.3 SIMSAM Micro-SD Installation of SIM, SAM & MicroSD Card
1.4 Battery Installation
1.5 Paper Feeding Procedure
2 How to Operate
2.1 Turn On/ Off Procedure
2.2 Swipe Card & Insert Card
3 Rechargeable Battery Safety Guideline
3.1 Prohibition: Improper handling of the Li-Polymer battery is hazardous, the following forbidden activities must be avoided
3.2 Battery Operation & Charging Guideline
3.3 Terminal and Battery Storage Guideline
3.4 Accident Handling
3.5 Battery Disposal
4 Safety & Maintenance
4.1 Basic Safety Practice
4.2 Safety Warning
4.3 Location for Installation
4.4 Maintenance
4.5 Trouble Shooting
5 Other Information
6 FCC Information
7 Documents / Resources
7.1 References
8 Related Posts

APOLLO Android POS

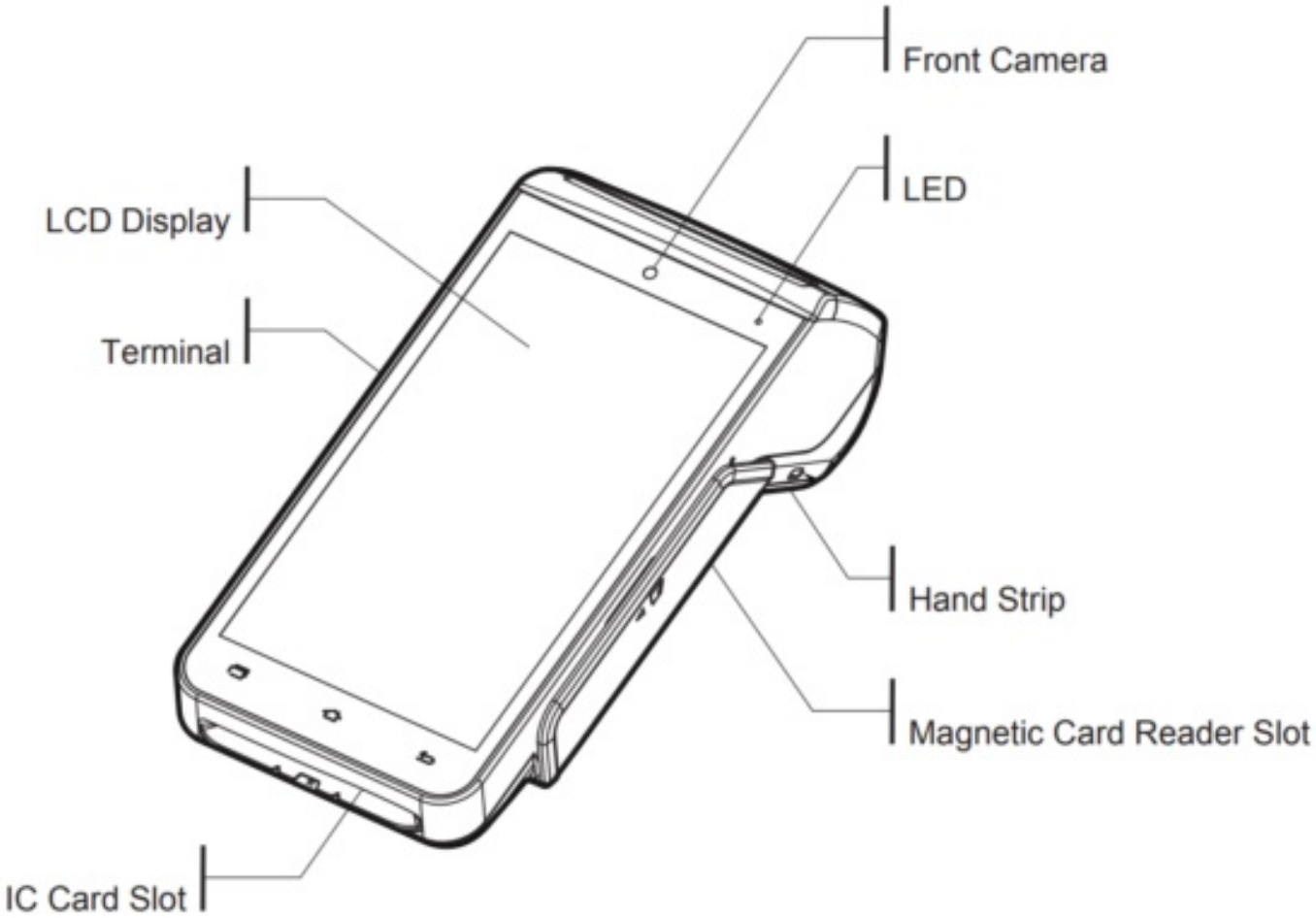
Layout & Function Descriptions of APOLLO Android POS

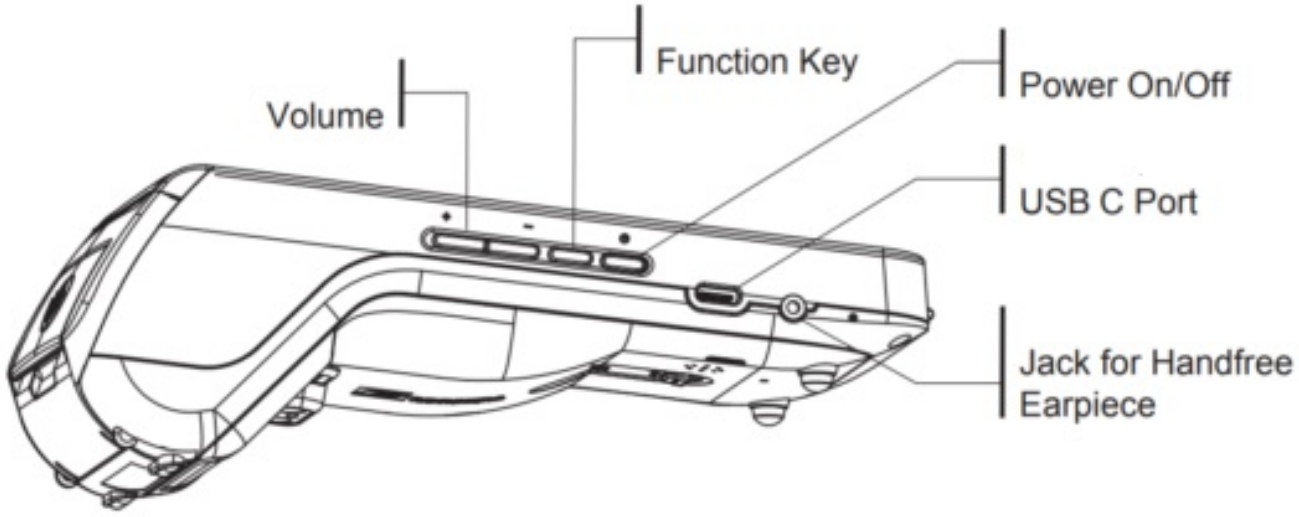
Main Unit & Accessories

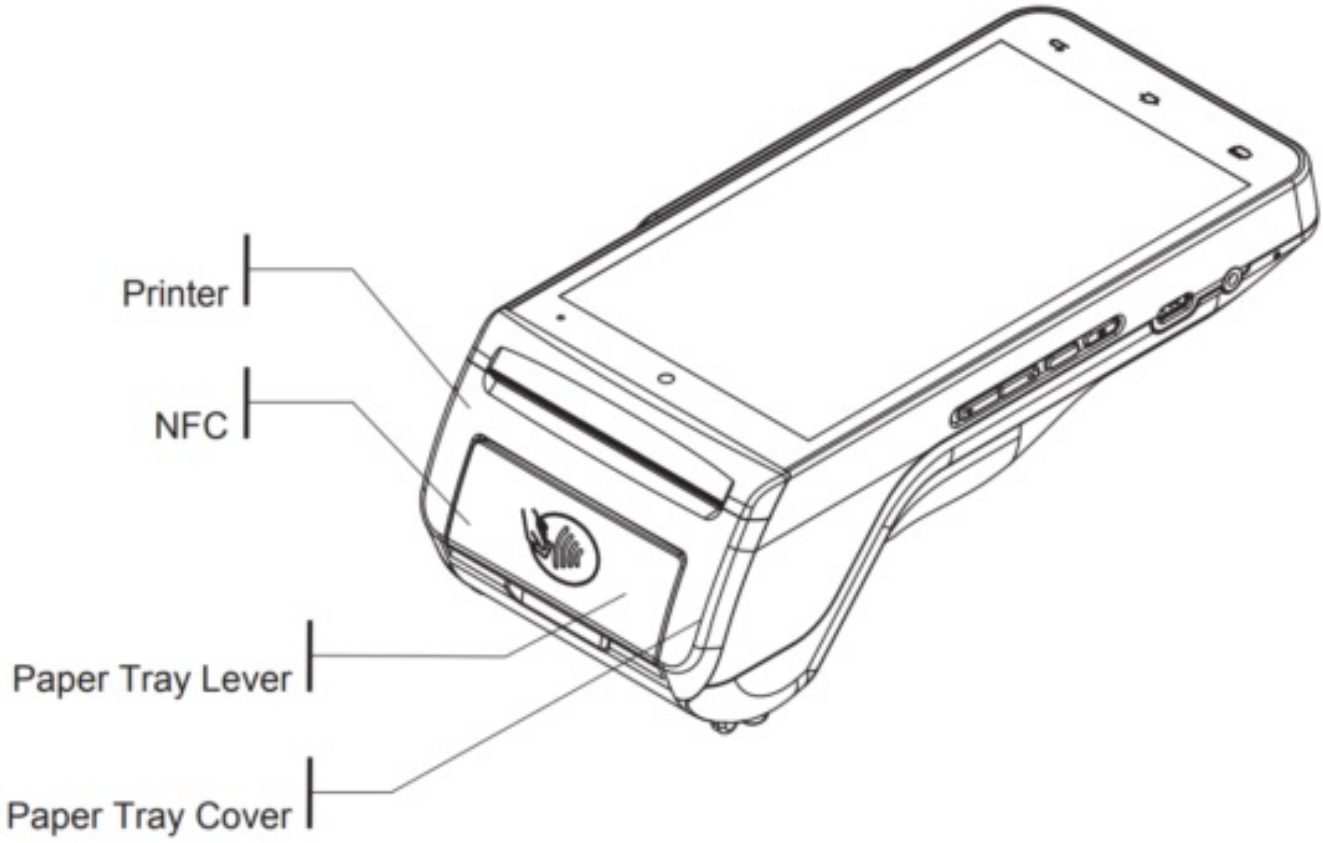
APOLLO Android POS Terminal -
for transaction processing, PIN entry,
printing, communication and other peripheral
interfaces such as ECR integration

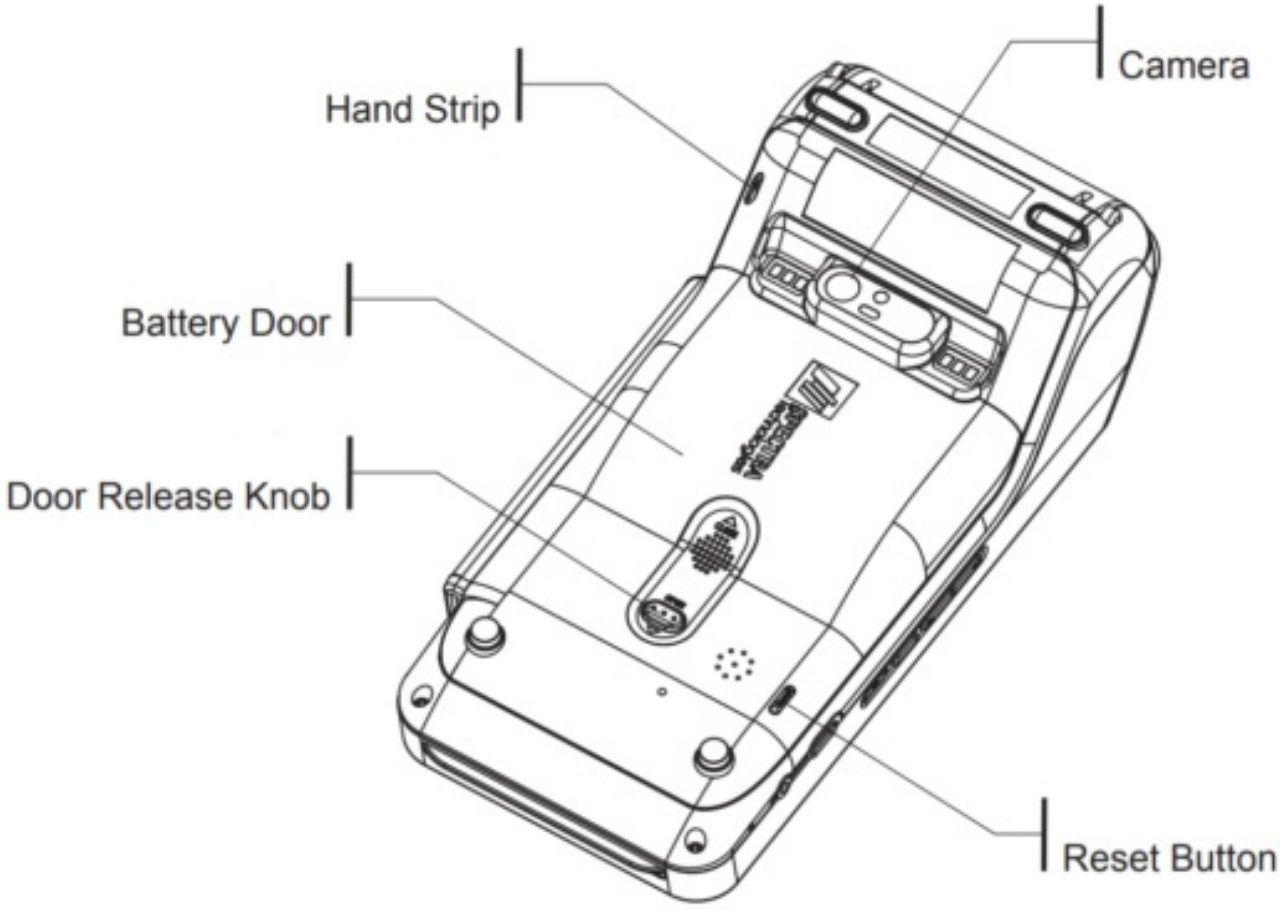


Features at a Glance

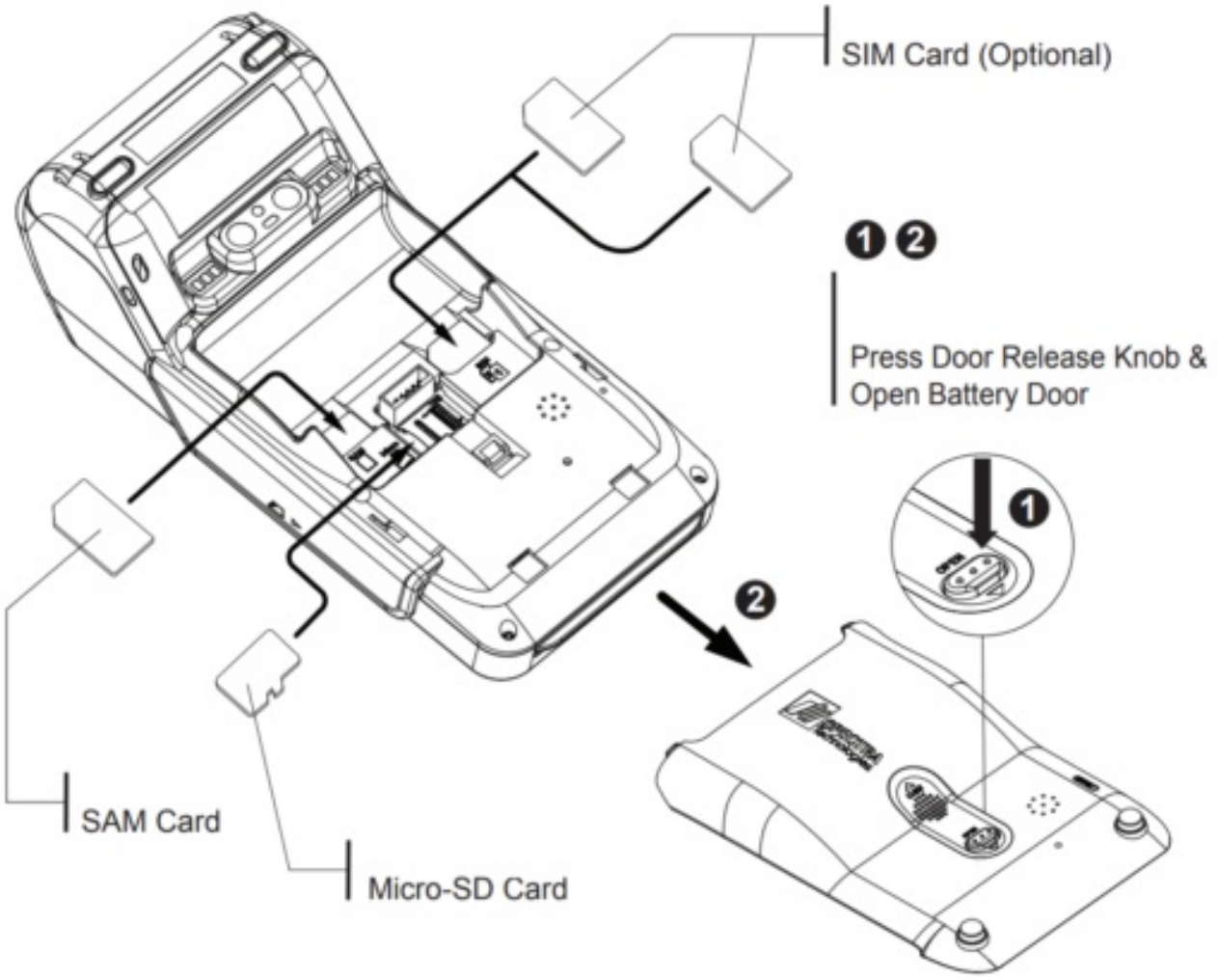

Front Camera
LED
LCD Display
Terminal
Hand Strip
Magnetic Card Reader Slot
IC Card Slot


Function Key
Power On/Off
Volume
USB C Port
Jack for Handfree
Earpiece

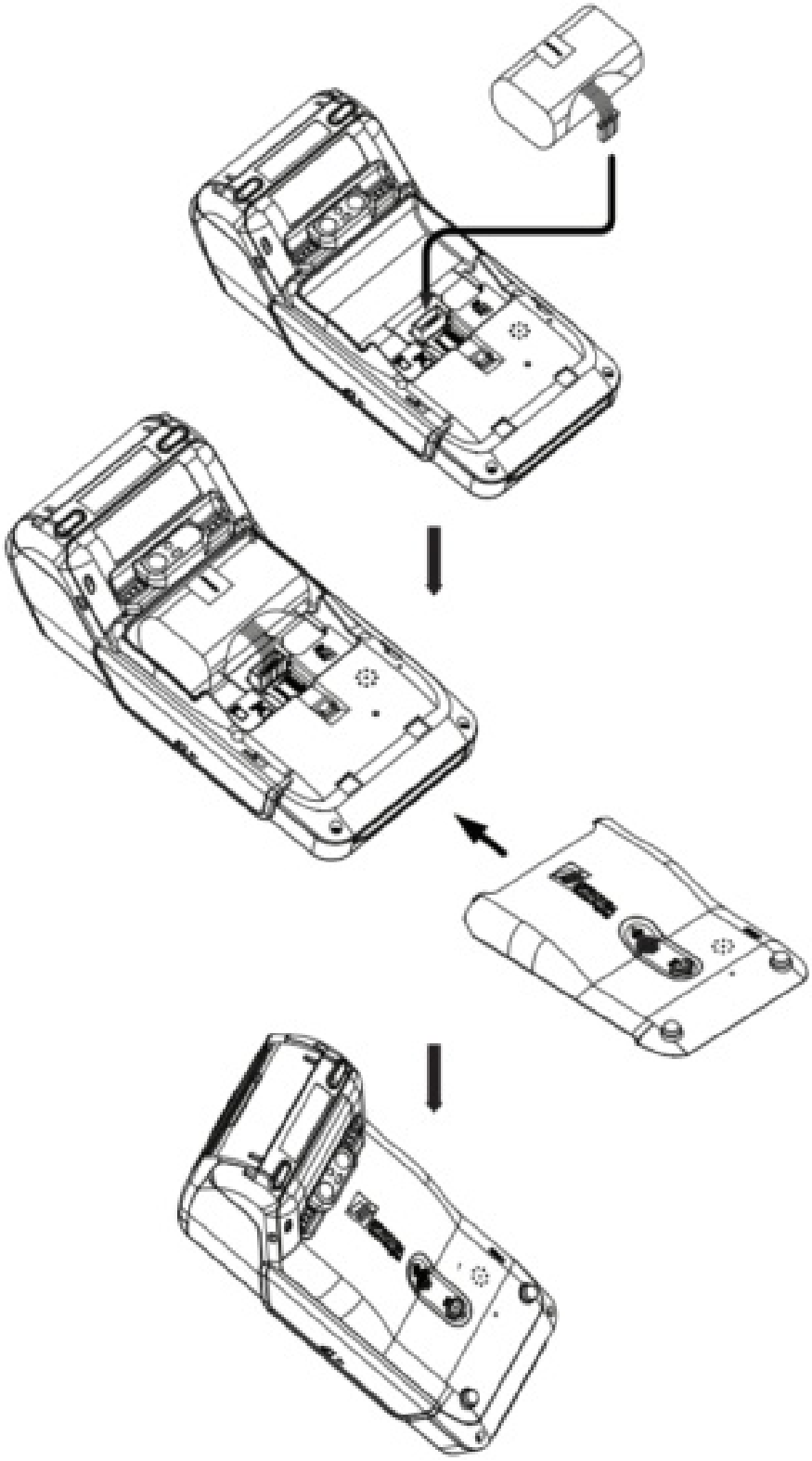




SIMSAM Micro-SD Installation of SIM, SAM & MicroSD Card

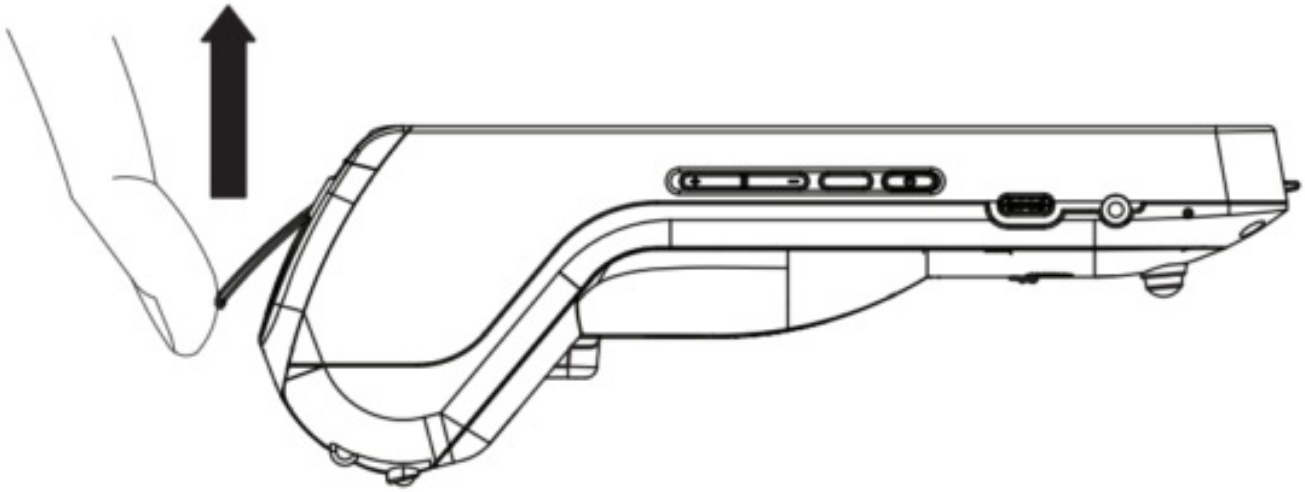


Battery Installation

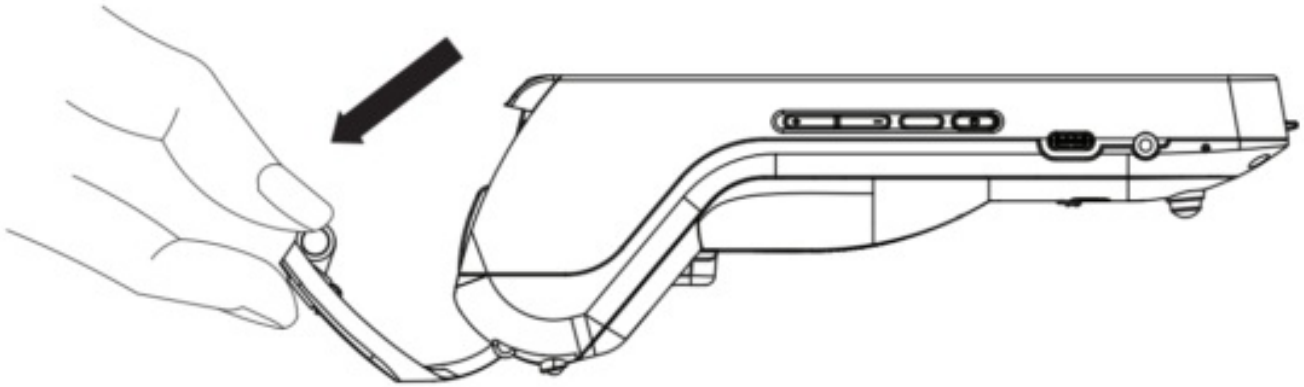


Paper Feeding Procedure

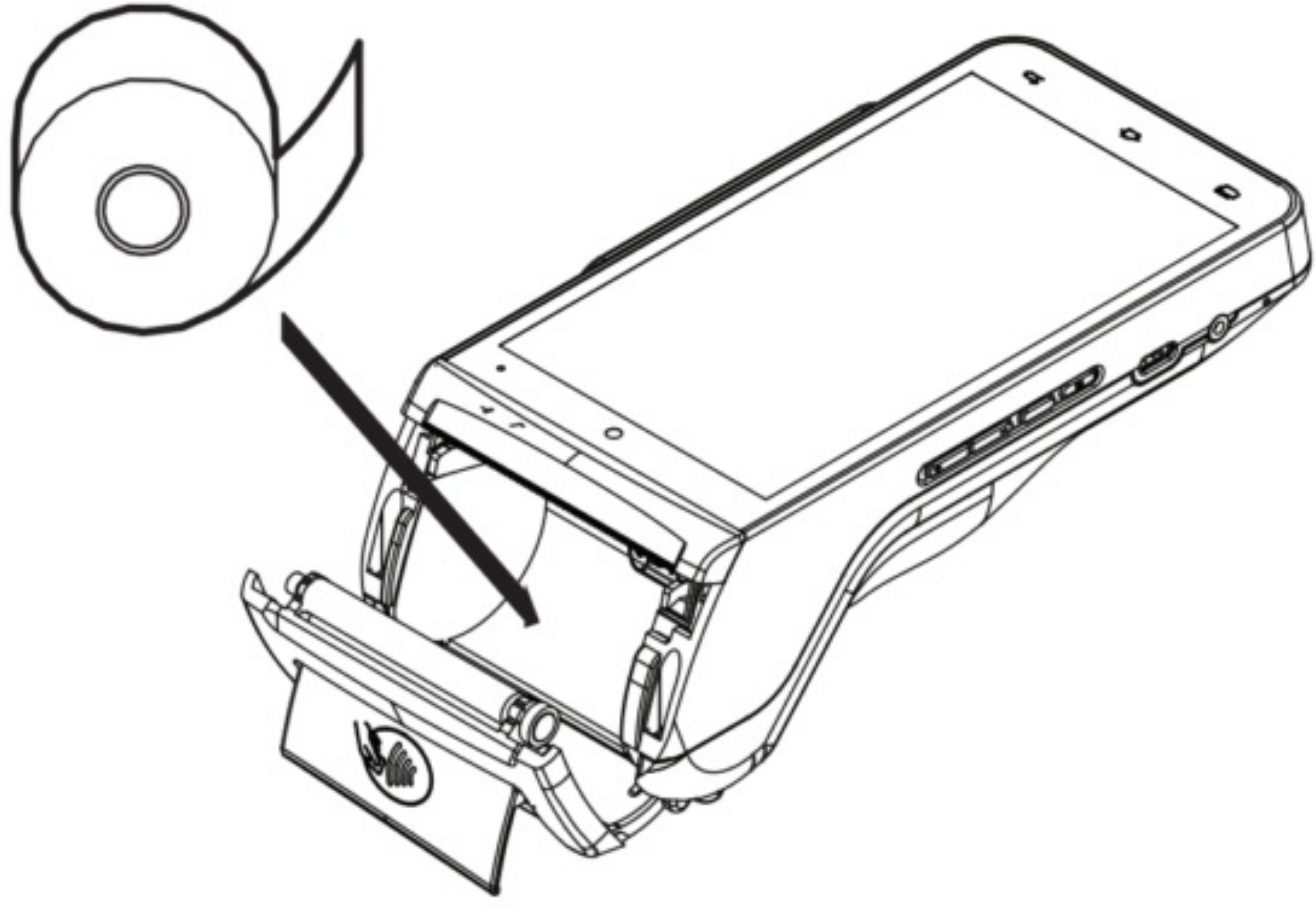
1. Lift up the Paper Tray Lever



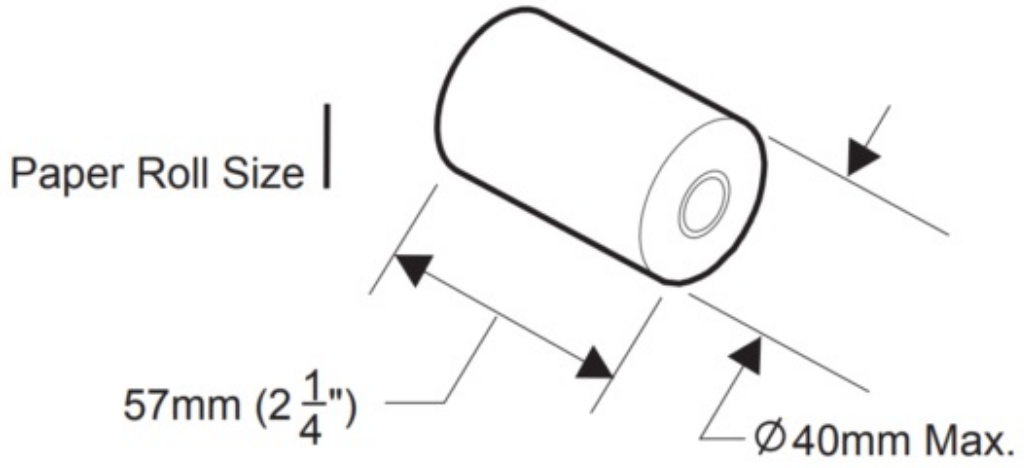
2. Pull the Paper Tray Lever backward



3. Place the paper roll into the tray as shown

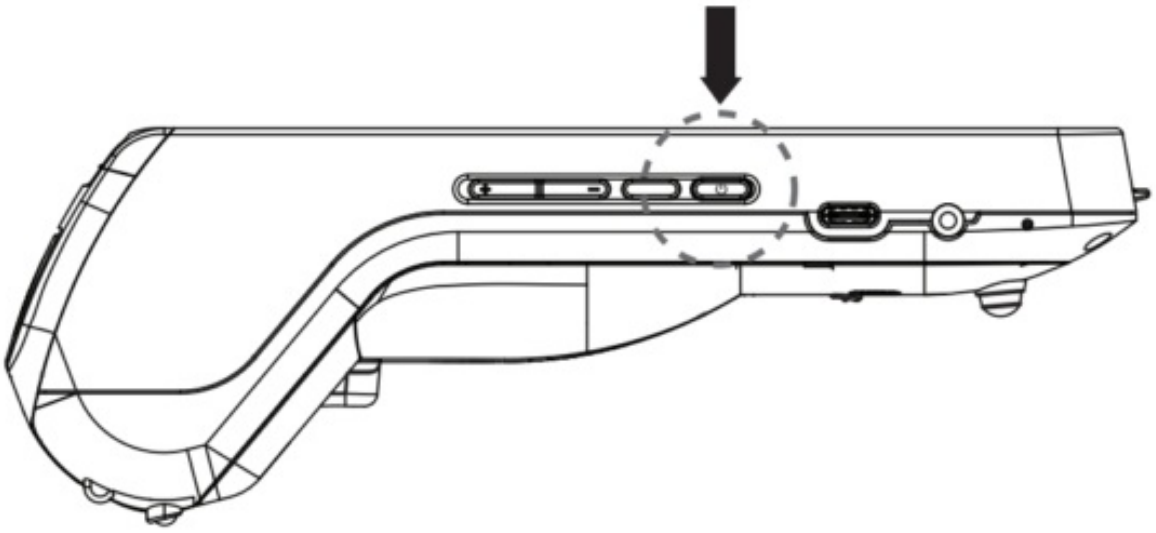


4. Close the Paper Tray Cover



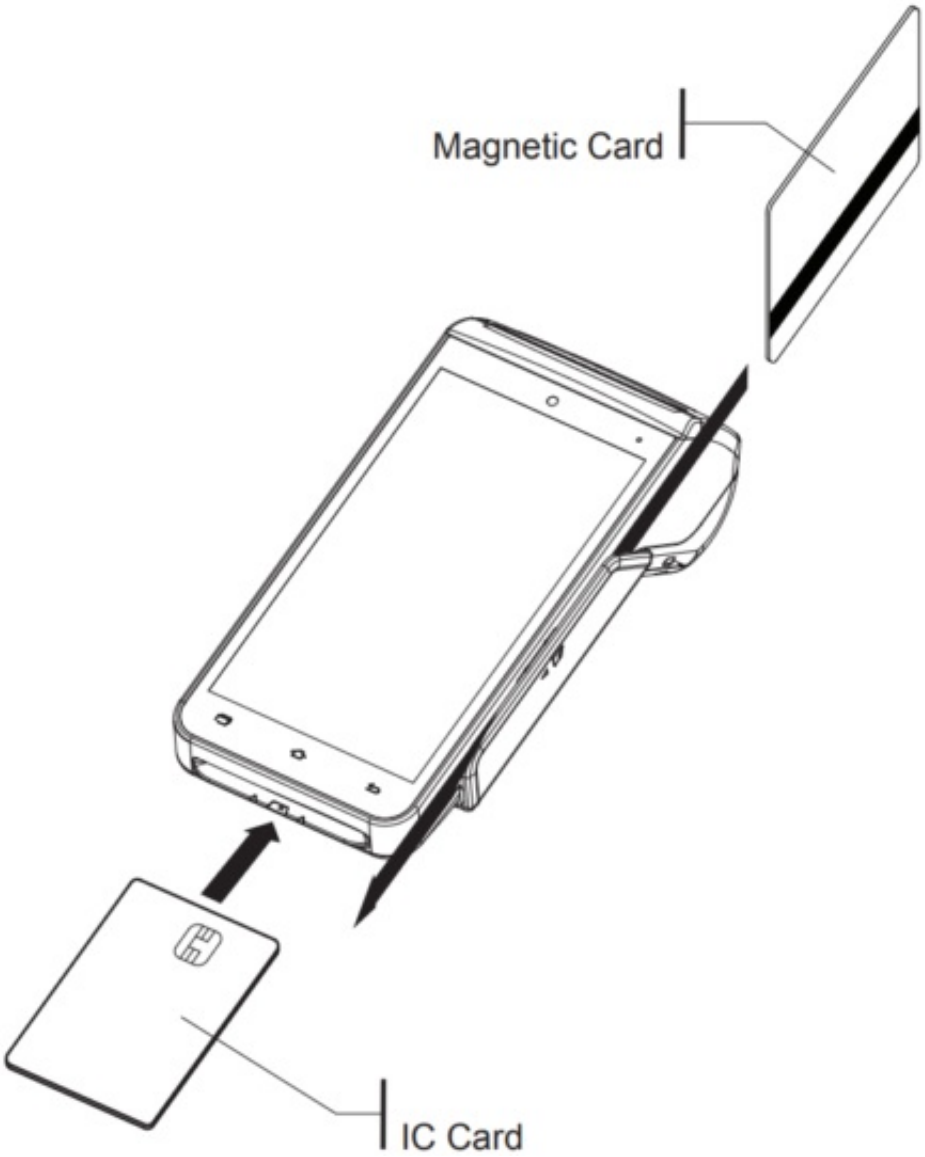
How to Operate

Turn On/ Off Procedure



- If the terminal is equipped with charging battery during first time use, please connect the power adaptor and charge the battery for 3 hours.
- On – Power is on whenever plugged. If the terminal is unplugged, press the ⏻ key for several seconds to turn on the terminal. When the terminal displays the application idle screen, it is ready for operation.
- Off – Disconnect the power adaptor. Keep on pressing the ⏻ key for several seconds to turn off the terminal.

Swipe Card & Insert Card



Rechargeable Battery Safety Guideline

Prohibition: Improper handling of the Li-Polymer battery is hazardous, the following forbidden activities must be avoided

- DO NOT use NON-SPECTRA provided battery in SPECTRA POS Terminal
- DO NOT use a charger that is not specifically designed to charge Lithium Polymer Battery
- DO NOT operate the terminal, charge up or store the battery under high temperature (under direct sunlight or inside a roasting vehicle) or close to heat source (fire, heater)
- DO NOT store the battery in the external charger. After charging up, the battery should be removed, even though power is disconnected
- DO NOT use damaged battery, e.g. Swelled, case broken, strange odor and chemical leakage
- DO NOT knock, crash or press the battery
- DO NOT submerge the battery into water
- DO NOT heat the battery or dispose in fire
- DO NOT solder the battery
- DO NOT disassemble the battery
- DO NOT short or puncture the battery

Battery Operation & Charging Guideline

- The best temperature for battery operation is 0°C ~ 45°C. DO NOT place the terminal in hot space or poor ventilated space. Ensure good ventilation for cooling
- DO NOT leave battery un-attended when charging. You should closely monitor the charging process & react to potential problem should they occur
- Do always check that batteries are physically and electrically undamaged before charge or discharge Battery charging must be kept away from inflammable material and on a non conductive and nonflammable stable surface by:
  > Terminal built-in charger: install battery to the terminal, then apply power.
  > SPECTRA supplied external charger
- When new terminal is received, please charge the battery fully up
- If the battery gauge indicates battery low, charge up the battery at once
- Battery always self-discharges. Long period of discharging will deteriorate the capacity and life of the battery. Please re-charge the battery weekly for normal operation

Terminal and Battery Storage Guideline

- If the terminal will not be used for a long period, please charge it to only 50% of the battery capacity (battery indicator displays half full, 2 units); remove it from the terminal and store in a cool place. This can minimize the life deterioration caused by self-discharge
- DO NOT store bare battery together with metal, avoid humid and hot environment
- For warehouse handling, it is recommended to disconnect the battery from the terminal and charge it to full capacity for every 3 months

Accident Handling

- During charging, if the battery or the charger exhibits any abnormity such as overheat, fuming, swelling & chemical leakage, disconnect power immediately, remove the battery from the charger, put it in a safe place and advise the supplier
- Li-Polymer Battery does not contain liquid electrolyte. Just in case human body touches the electrolyte, rinse with water and seek medical advice immediately
- Batteries having electrolyte leakage or chemical odor must be distant from fire source to prevent explosion
- If accidentally short the battery, put it in a non-conductive container and keep it away from flammable objects

Battery Disposal

- Protect your lovely Planet, please dispose the old batteries according to Government regulations

Safety & Maintenance

Basic Safety Practice

While using terminal and its accessories, please follow the safety instruction to avoid fire, electric shock and personal injury.

- Read this instruction in detail
- Disconnect the power and accessories before cleaning, use dry flannelette and soft brush for cleaning
- Do not put the terminal near water
- Do not spray any liquid onto the terminal For desktop purpose, put the terminal on stable platform to avoid damage by drop
- Keep the terminal away from high temperature and poor ventilation area
- Ensure electricity supply is safe and stable To avoid electric shock, do not disassemble the terminal by yourself. Send it to agency for repairing if necessary
- Do not use terminal and its accessories during explosive gas leakage
- For modem version, do not install telephone line during lighting
- If possible, disconnect telephone line before storming to avoid electric shock
- For the following cases, disconnect power, other accessories and send for repairing,
  ~ Damage on power cable or plug
  ~ Liquid get into pinpad
  ~ Pinpad gets wet in raining
  ~ Still abnormal function after following all the instruction mentioned
  ~ Pinpad broken
  ~ Pinpad obvious abnormal

Safety Warning

- Using the provided terminal power adaptor to power the terminal
- During using wireless communication, keep human body at least 20cm apart from the terminal. Keep the terminal away from other antenna or wireless device.
- Do not touch the thermal printer head and paper cutter

Location for Installation

- Should be safe and convenient for operators and users
- Should be placed on stable working platform during desktop operation for ease of power and accessories connection
- Good ventilation and should have 22cm space around the pinpad
- DO NOT expose the terminal in following environment
  ~ Near electrical appliance with high frequency EM wave such as air conditioner, electric fan, motor, neon sign etc.
  ~ Liquid container such as water trough, sink, pond etc.
  ~ High temperature or humidity place
  ~ High containing of VOC, salty and dusty area
  ~ Sunlight or high thermal radiation area
  ~ Near demagnetizing system and magnetic security system

Maintenance

Terminal has been designed to provide stable service for users with less maintenance.

In order to ensure best performance, we suggested the followings.

- Avoid exposing in sunlight, high temperature, high humidity and dusty area
- Keep in dry, clean and tidy environment
- Do not keep in extreme hot and cold place
- Do not disassemble the AC/DC power adaptor Do not impact and thrash the terminal heavily
- Do not disassemble the terminal (except opening the Battery Cover). Disassembling will erase all data and lead to abnormal running

Cleaning of terminal

- Use flannelette to remove dust on terminal
- Use mild alcohol to remove stubborn stains
- If possible, use low pressure blower to blow out dust on keypad
- Use flannelette or lens cleaning paper to clean the display

Printer Cleaning

- Disconnect power cable from the terminal Open printer cover, take out paper and roller
- Remove dust and paper scrap inside paper tray . Use low pressure blower to clean the paper tray if possible.
- Do not touch the thermal printer head and paper cutter during cleaning
- Put back paper and roller into paper tray
- Close the printer cover

Send for repairing

- If it is necessary to send back terminal for repairing, please contact agency, pack the terminal properly (use original packing material if possible) to avoid damage during transportation terminal has been designed to provide stable service for users. However, there would be some minor problems during in use. Before sending back for repairing, users can try the following simple procedures to fix the problems themselves

Trouble Shooting

Terminal not function

1. If it is powered by power adaptor, check whether the connection of power cord or power adaptor is connected properly
2. If it is powered by power adaptor, try to check whether the AC source is error free by plugging with other electrical appliance
3. If it is powered by power adaptor, try to replace the adaptor with another one
4. If it is powered by power adaptor, try to replace the electric power socket with another one
5. Try to adjust the LCD contrast
6. Contact agency if problem cannot be solved

Unsuccessful transaction

1. Try to use other magnetic card or IC card for transaction
2. Check whether the way of swiping card or inserting card is correct
3. Check whether all wire ends are connected properly
4. Contact agency if problem cannot be solved

Malfunction on printer

1. If the terminal is powered by battery, check the battery level and charge the battery, replace new battery or else power the terminal by adaptor.
2. If it is powered by power adaptor, check whether the connection of power cord or power adaptor is connected properly
3. Open printer cover, check whether the paper is used up
4. Check whether the way of paper feeding is correct, please refer to section 1.5
5. The printer accepts thermal paper only, check whether the paper roll is the correct type, please refer to section 1.5
6. Check whether the paper is jammed or damaged. Try to open the printer cover and smooth the paper path.
7. Contact agency if problem cannot be solved

Malfunction on magnetic card reader

1. Check whether the way of card swiping is correct, speed is normal, please refer to section 2.2
2. Try to swipe in opposite direction
3. Try to use another card
4. Contact agency if problem cannot be solved

Malfunction on IC card reader

1. Check whether the way of card insertion is correct, please refer to section 2.2
2. Check whether the card is completely inserted
3. Try to use another card
4. Contact agency if problem cannot be solved

Other Information

Dimensions & Weight
Size: 1 80 (L) x 84 (W) x 61 (H) mm
Weight: 450g (Terminal with battery)

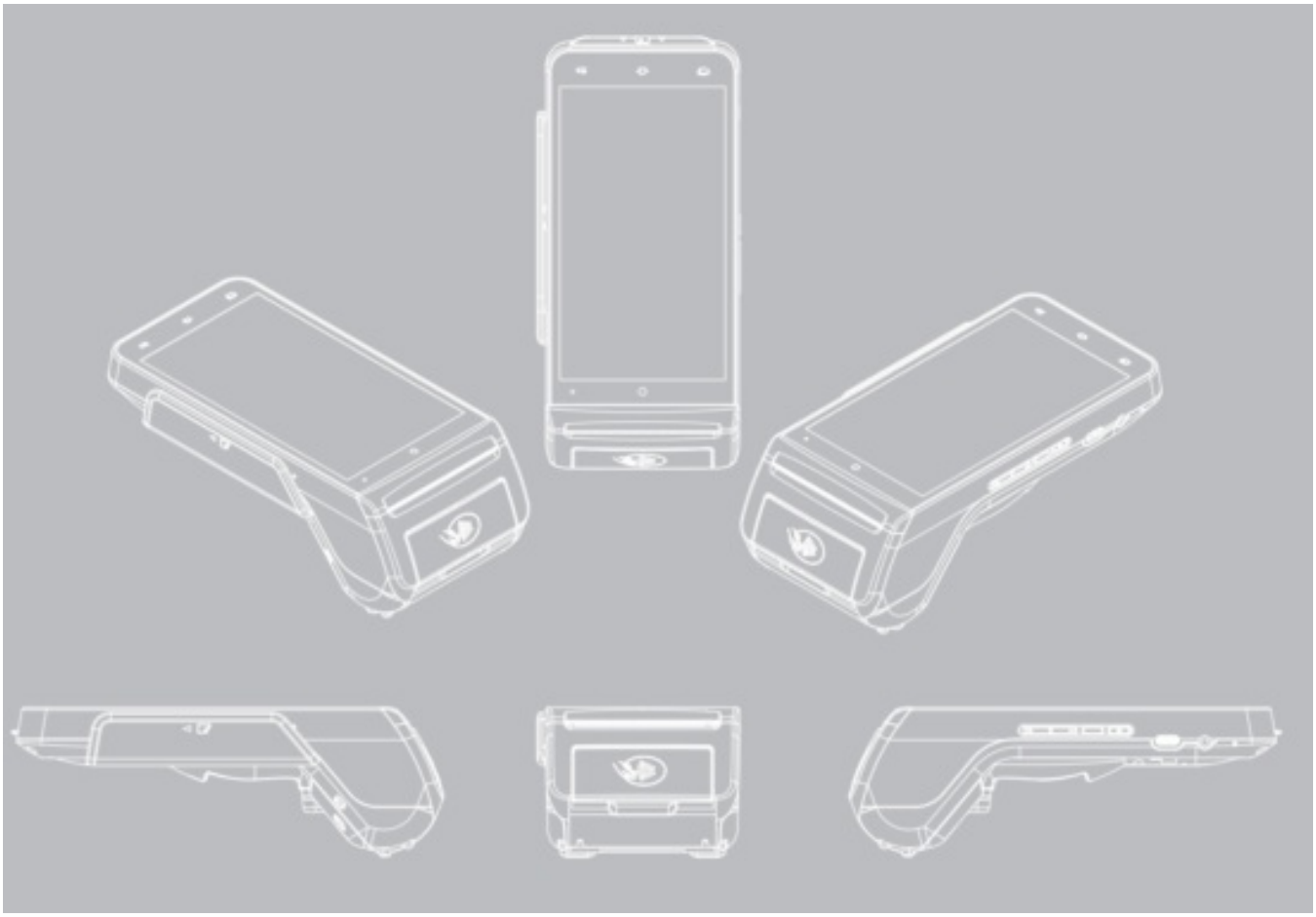
Operating environment
Temperature: 0°C – 45°C
Humidity: 5% – 95% (non-condense)

Power input
DC 5V, 2A

FCC Information

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Important: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.



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Documents / Resources

	SPECTRA Technologies TA10Q Android POS [pdf] Installation Guide TA10Q, VWZTA10Q, TA10Q Android POS, TA10Q, Android POS

References

- Spectra Technologies Holdings Co. Ltd.

Manuals+,