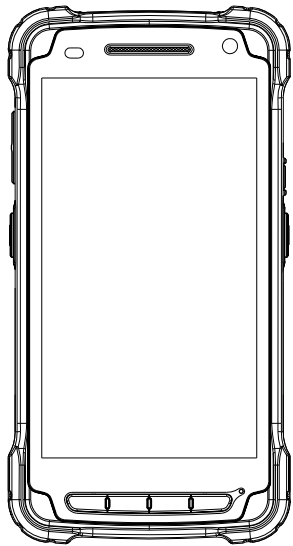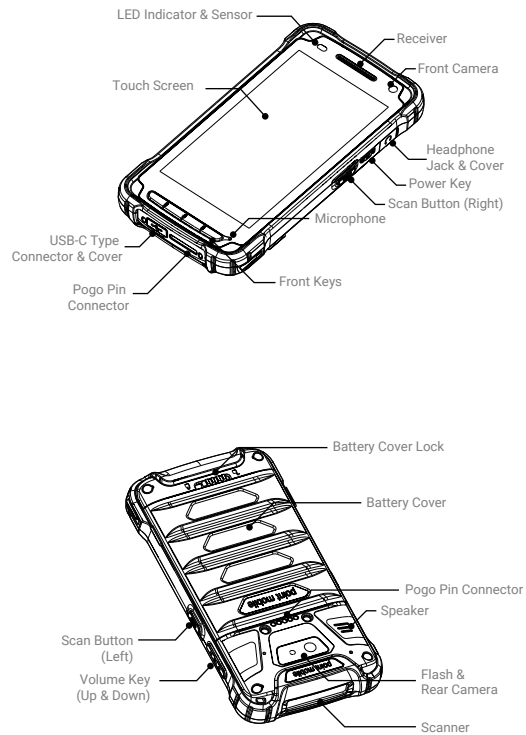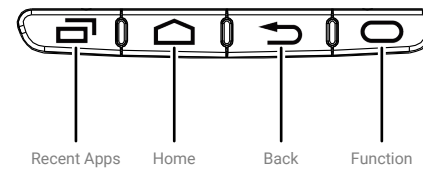## Package Content

- PM90
- AC/DC Adapter (5V 2A)
- USB Type-C Cable
- AC Plug
- Battery
- LCD Protection Film
- Quick Start Guide
- Wrist Lanyard
- Stylus

Device Layout

LED Indicator & Sensor
Receiver
Touch Screen
Front Camera
Headphone Jack & Cover
Power Key
Scan Button (Right)
Microphone
USB-C Type Connector & Cover
Pogo Pin Connector
Front Keys

Battery Cover Lock
Battery Cover
Pogo Pin Connector
Speaker
Scan Button (Left)
Volume Key (Up & Down)
Flash & Rear Camera
Scanner

Hard Keys

Recent Apps Home Back Function

Recent Apps button
· Press to see recently used apps.

Home button
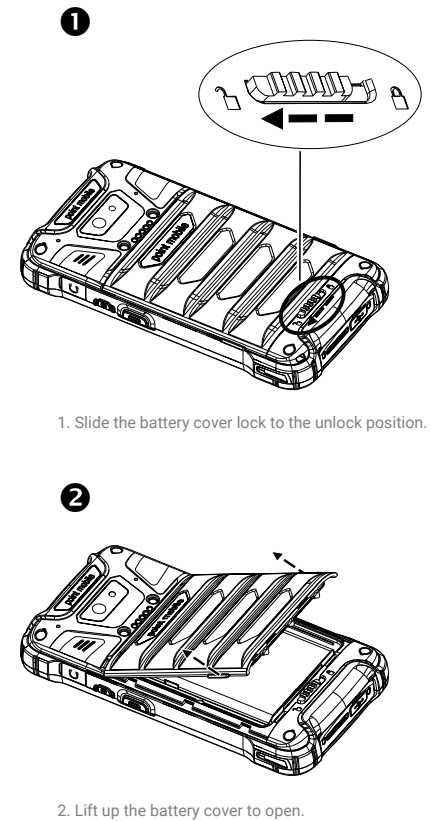· From any apps or screens, press to return to the Home screen.

Back button
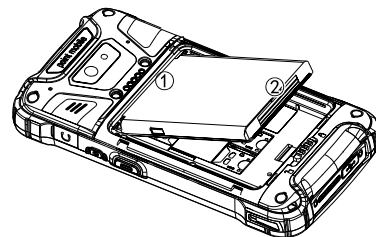· Press to go back to the previous screen, or to close a dialog box, options menu, notification panel, etc.

Function button
· Press to run the preset function or action. Set on EmKit - Program Buttons.
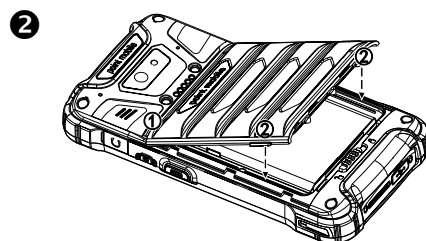
Removing Battery Cover

❶

1. Slide the battery cover lock to the unlock position.

❷

2. Lift up the battery cover to open.

MOST POWERFUL RUGGED ANDROID DEVICE REDEFINING MOBILITY

Quick start guide

PM90

· For more details of product information and user guide, please refer to our website (www.pointmobile.com)

Inserting Battery

1. Insert battery from the top first, then push the bottom.

❷

2. Insert the battery cover from the top first and then press down the bottom.

Installing SIM-SAM/Micro SD Card

Installing SIM-SAM card/Micro SD card

You must insert your SIM card to make phone calls. Please turn the device off before inserting or removing the SIM card.
1. Remove the Battery Cover and Battery.
2. Lift up the SIM rubber.
3. Insert the SIM-SAM/Micro SD card into the slot, with the gold contact facing down. Make sure that it is inserted correctly.
4. To remove the card, repeat step1 and step2, then gently slide it out of the slot.

SIM card Slot (micro SIM)
microSD card Slot
SAM card Slot (1&2) (micro SAM)
Reset Hole

<Caution>
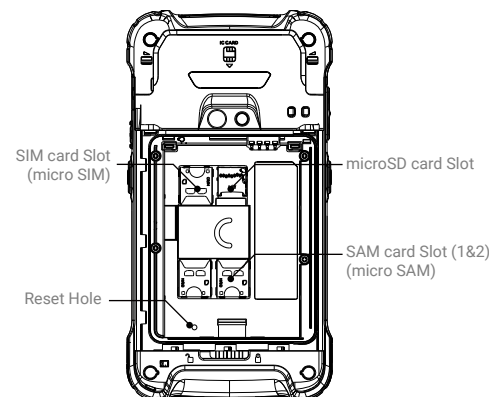
· Your device only supports Micro SIM cards. Do not attempt to insert other SIM types such as "Nano", since this may cause damage to your device. If you have to use different SIM card types, please use a "SIM adaptor".
· The device supports storage extension up to 32GB with micro SD card.

Charging the PM90
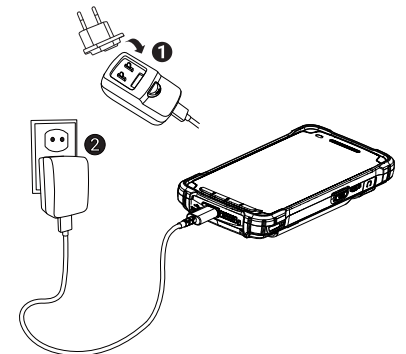
1. Insert USB cable into the adapter and connect to the country plug to charge.
2. Insert USB type C connector to the PM90.
3. LED indicator will display charging status.

LED State	Indication
Steady Red	Battery is charging or the battery level is low
Blinking Red	Battery level is critically low
Steady Green	Battery is fully charged

Standard Battery	2,900mAh 3.85V
Extended Battery	5,800mAh 3.85V
Charging Time	Standard Battery: About 4 hours Extended Battery: About 6 hours

<Caution>

1. Always use a standard charger and cable from Point Mobile. Other chargers and cables may damage the PM90.

2. You can also charge the device with optional accessories such as single or dual slot cradles.
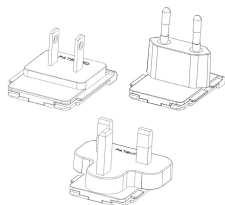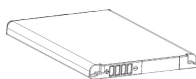
Accessories

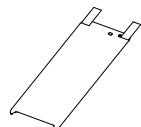### Standard Accessories

5V 2A AC/DC Adapter

AC Plug (US/EU/UK)

Standard Battery (2,900mAh)

LCD Protection Film
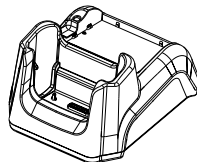
USB Type-C Cable
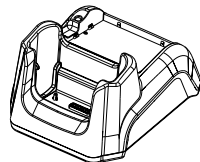
Wrist Lanyard
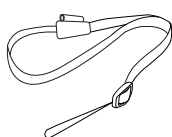
Stylus Pen
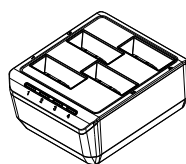
Accessories

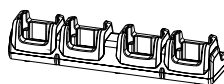### Optional Accessories

SSC (Single-Slot Cradle)

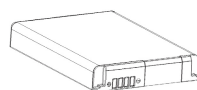**SEC (Single-Slot Ethernet Cradle)**

4SBC (4-Slot Battery Charge)

4SC (4-Slot Cradle)

Extended Battery (5,800mAh)

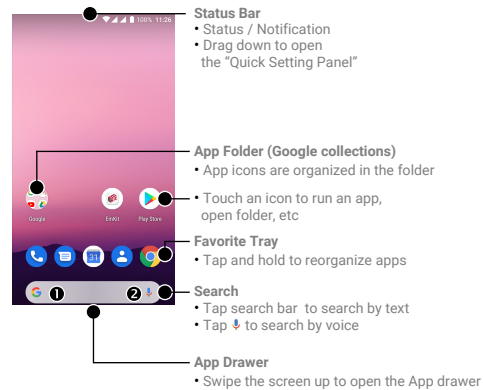## Getting Started

Turning the device on and off
- Press the Power button to turn on the device.
  After a few seconds, device will turn on.

- Press and hold the Power button for a few seconds
  and tap 'Power off' on the screen options.

Set up
Start with setting the input language, google account,
GPS, etc., when the device is turned on for the first time.

Home screen items

Status Bar
- Status / Notification
- Drag down to open
  the "Quick Setting Panel"

App Folder (Google collections)
- App icons are organized in the folder
- Touch an icon to run an app,
  open folder, etc

Favorite Tray
- Tap and hold to reorganize apps

Search
- Tap search bar to search by text
- Tap 🎤 to search by voice

App Drawer
- Swipe the screen up to open the App drawer

Google, Android, Google Play and other marks are
trademarks of Google LLC.

Status & Notification Icons

Status icons

Icon	Meaning	Icon	Meaning
LTE	LTE connected		Strong signal
3G	3G connected		Good signal
E	EDGE connected		Weak signal
LTE+	LTE+ (LTE CA) connected		Connection issue
	Data disabled		No data connection
✈	Airplane mode		Hotspot enabled
	Data communication		
	Wi-Fi connected		Wi-Fi data communication
✳	Connected to a Bluetooth device		
	Battery is full		Battery is partially drained
	Battery is low		Battery is very low
	Battery is charging		
	Location service turned on		Vibrate mode
	Speaker phone turned on		Phone mic is mute

Notification icons

| Icon	Meaning	Icon	Meaning
	Missed call		New SMS or MMS message
	New Email		Connected to VPN network
	Upcoming event		Alarm is set
	Preparing SD card		SD card removed, unexpectedly
	OTG device connected		Screenshot captured
	File uploaded		File downloaded
	File copied		
	Scanner turned on		
	There are more notifications		Other input method available

Reset the PM90

Force shutdown
Press and hold the Power button for at least 8 seconds
to power off or hold it longer to restart.

Factory reset
Follow the process by tapping the next button to
complete factory reset.

Settings ➜ System ➜ Reset options ➜ Erase all data
(factory reset) ➜ RESET PHONE ➜ ERASE EVERYTHING
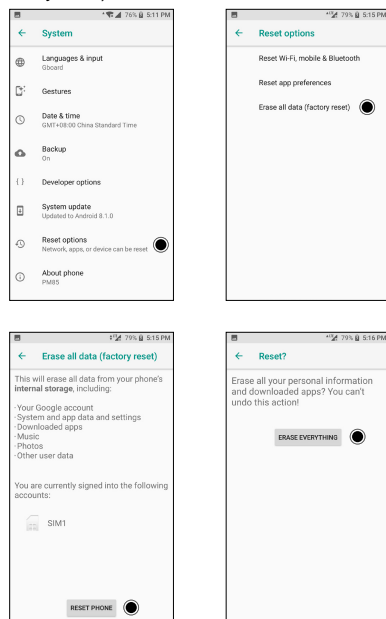
<Caution>
Please note, all apps and data in the internal storage will be
deleted and restored to factory settings and this process
cannot be undone.

Support

ARS: +82-1800-3010
Fax: +82-2-3397-7872
Address: 9F Kabul Great Valley, 32, Digital-ro 9-gil,
Geumcheon-gu, Seoul, Korea 08512

Website: https://www.pointmobile.com/
E-mail: pm_support@pointmobile.co.kr

For more information

Please refer to the user manual for more information
on safety & regulations of device and accessories.

Certification

Equipment name: Mobile computer
Model: PM90
Trade name of certified: Point Mobile Co., Ltd.
Manufacturer: Point Mobile

For more certificate information,
go to Settings ➜ About phone ➜ Certificates

Specifications

Item	Specifications
Model	PM90
Operating System	Android 9.0 or higher version (GMS certified)
Software	Tools and Demos
Micro-Processor	Qualcomm® Snapdragon, Octa-core, 2.2GHz
Memory(RAM/ROM)	4GB RAM+64GB Flash/3GB RAM+32GB Flash (Optional)
Memory Extension	User accessible Micro SD memory card slot.
Display	5.0" Wideviewing angle IPS (FHD 720 X 1280 pixels)
Keypad	9 physical kys (all programmable except the power key)
Audio	Two built-in microphones, one speakr, and a headset jack.
Weight	With standard batt. 272g / 9.59oz With extended batt. 322g / 11.36oz
Wi-Fi	802.11 a/b/g/n/ac/d/h/i/k/r/v
UMTS / HSPDA / HSUPA	EDGE/GPRS/GSM:900/1800/850/1900 WCDMA : B1/2/4/5/6/8/19 LTE FDD: B1/2/3/4/5/7/8/12/13/14/17/19/25/26/20/28 LTE TDD : B38/B39/B40/41
Bluetooth	Bluetooth v5.0, class 1
GPS	Qualcomm GPS (Phone SKU)
NFC/RFID	13.56MHz
USB	USB 3.0 Type-C/OTG
Battery	Li-ion battery: 2,900mAh, 3.85V 5,800mAh, 3.85V
Adapter	Output: 5V / 2A, Input: 100-240V~50/60Hz
Battery Capacity / Charging Time	Capacity: 2,900mAh – About 4 hours 5,800mAh – About 6 hours
Operating Temperature	-20°C to 60°C
Rain/Dust Protection	IP67

Safety information

Please note your phone is battery-embedded design with
removable battery and battery cover. Unauthorized personnel are
strictly prohibited from disassembling the phone. Make sure to
use only the power adapter (5V 2A Output AC/DC) that came with
PM90.

In case your phone does not work as expected, you are strongly
recommended to restart it by pressing and holding the power
button for at least 8 seconds until the startup screen appears. If
your phone has encountered a serious error and cannot be
recovered, you should reset your phone to factory settings by
using the menu, either "Backup & Reset", or "Factory Reset".

SAR
www.sar-tick.com

Body-worn operation
This device was tested for typical body-
worn operations with the front & back of
the phone kept 0.59 inches (1.5 cm)
between the user's body and the front &
back of the phone. A minimum separation
distance of 0.59 inches (1.5 cm) must be
maintained between the user's body and
the front & back of the phone. Any belt
clips, holsters, and similar accessories
containing metallic components may not
be used. Body-worn accessories that
cannot maintain 0.59 inches (1.5 cm)
separation distance between the user's
body and the front & back of the phone,
and have not been tested for typical
body-worn operations should be avoided.

Protect your hearing
To prevent possible hearing damage, do
not listen at high volume levels for long
periods. Exercise caution when holding
your device near your ear while the
loudspeaker is in use.

CE