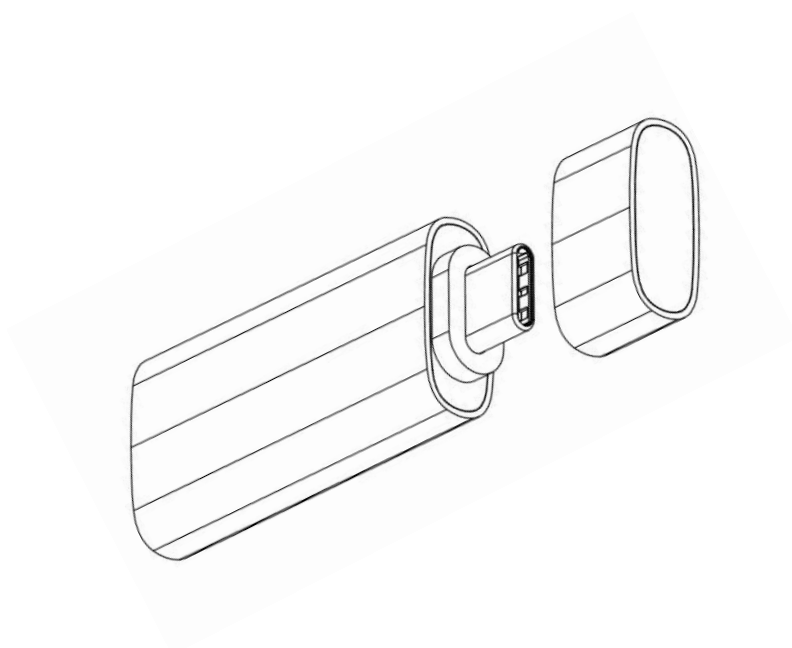# TrustKernel

Smart Security Terminal
Quick Guide
V1.1

## Model：PS01 Serials

4GB+128GB/6GB+256GB

1. Product Overview and Safety Instructions

This product is a miniature smart terminal with a minimalist design, featuring only one Type-C interface and one multi-functional indicator light. All management operations can be conveniently completed via the **PlugOS APP**. It is suitable for various scenarios such as personal entertainment, mobile office, and secure storage. Compatible with host devices with Type-C female ports and OTG functionality.

Safety Instructions:

1 Avoid using the equipment in high-temperature, humid, dusty or strong magnetic field environments to prevent damage to internal components.

2. Do not use sharp objects to poke the Type-C interface. When plugging or unplugging, make sure to align the interface and plug or unplug vertically to avoid deformation or damage to the interface.

3. When the device is running, turn it off before unplugging the Type-C data cable to prevent data loss or device damage.

4 Do not use the device for illegal or unauthorized operations such as cracking the system, stealing data, etc.

5 Do not place the device under heavy objects to avoid physical damage to the device due to compression.

6 Use host Type-C for power supply (5V/1.5A and above), avoid using other voltages to prevent overcharging, overheating causing fire or equipment failure.

7 Regularly back up important data on your device via the PlugOS APP to prevent data loss due to device failure, wrong operation, etc.

8 Update PlugOS APP and device systems in a timely manner to fix potential security vulnerabilities and enhance data protection capabilities.

9. The product key is the sole credential for device management. Please keep it properly. Any consequences resulting from leakage or loss shall be borne by the user themselves.

10 Do not disassemble the equipment yourself. If the equipment malfunctions, contact the official after-sales service personnel for repair. Disassembling it privately will result in the warranty being invalid.

11. When cleaning the equipment, disconnect the power first and wipe it with a dry, soft cloth. Do not use liquids such as alcohol or chemical cleaners to prevent liquids from seeping into the interior of the equipment and causing damage.

12. The use of this device is subject to local laws and regulations. Any consequences resulting from improper use shall be borne by the user.

13、 Equipment malfunctions not caused by product quality issues such as human damage, improper use, etc. are not covered by the warranty.

2. Product information and packaging list
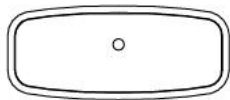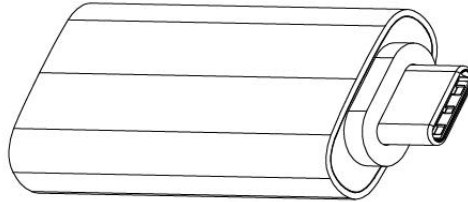
Indicator light   Type-C interface

Light status :

Status	Meaning Explanation
OFF	The device is turned off The host is disconnected from the device; The device is not powered on, such as the OTG function is not enabled; The system starts up normally and the indicator light is turned off; A situation where other systems fail to start
Red light flashes quickly	Self-destruct mode, not available
Red light always on	System startup; System startup anomalies, such as file system corruption, etc
Blue light always on	The system starts up normally, the system works properly
Blue light flashes slowly	Start normally and wait for the password to be entered
Purple light on	Restore factory mode process

Type-C male:

1、Plug and play, powered by host OTG (5V/1.5A and above), supports USB2.0 480Mbps; Supports iPhone15 and other standard Type-C protocol devices.

2、This product communicates using USB2.0 standard. Please use your own USB data cable or other data cable that supports USB2.0 communication

Product Information:

Product Name: Smart Security Terminal
Model: PS01
Material: aluminium +PC
Interface: Type-C male connector, supporting USB2.0
Storage configuration: Optional 4GB+128GB/6GB+256GB
Compatible systems: Android8+; Supports standard Type-C devices iPhone15 and above; Support standard Type-C devices for Windows 8 and above
Product size: 50mm*19mm*8mm
Product weight: 14.3g

Packaging list:

PlugOS smart terminal *1
U-type Type-C data cable *1
Instruction for Use *1
Protective case *1
Product key card *1

3. Preparations before Use

Download the PlugOS APP

● Android devices: 1、Plug the device into an OTG-enabled host and install the PlugOS client software in the U disk.

2、Download from the "support" page in www.plugos.cn.

● Apple devices: Visit the App Store and search for "PlugOS" to complete the installation.

● Windows devices: Insert the device into a host that supports OTG functionality and install the PlugOS client software in the tool disk.

*Host Device: Such as smartphones, computers, tablets, and other smart electronic products equipped with screens and USB Type-C OTG functionality.

4. First Use

(Connect to Host)

1. Add:

- Enable host OTG.

- Insert the PlugOS smart terminal into the host.

- Confirm that the PlugOS smart terminal's blue light remains on.

- Open the PlugOS APP and follow the instructions to complete the addition

2. Initialize

- Click on "Enter Device" on the product card on the home page.

- Set the language

- Set the authentication method.

- Set the time zone.

5. Basic Operations Guide

1. Equipment management

The following can be done via the PlugOS APP:

- Enter the device desktop: Simulate the PlugOS smart terminal desktop and provide realistic touch operation

- Remove devices: Remove devices that are not in use

- Restore default Settings: Restore the device to factory mode

2. App Management

- Install the app: Open the app store within the PlugOS system and select the desired app to install

- Multitasking: Switch/shut down running apps through the PlugOS system's background management interface

- File transfer: Use the APP's built-in file manager and shared folders to transfer files between the device and the phone

6. Frequently Asked Questions

Problem phenomena	Solutions
The indicator light doesn't light up after the device is connected	1. Check if the OTG function of the host is enabled; 2. Check if the host USB Type-C OTG power supply supports

	5V 1.5A
	3 Switch to another host
The APP fails to connect to the device	1. Make sure the device is powered on and the blue indicator light is on all the time
	2. Reinsert and plug
The device is running laggy and hot	1. Turn off large, high-load applications
	2. Turn off redundant applications in the background
	3. Clear device cache
	4. Check if a system update is needed
	5. In low-temperature indoor environments

7. Compliance Statement

FCC Compliance Statement

This product complies with Part 15 of the FCC rules. Two of the following conditions are required for operation:

. This product does not cause harmful interference;

. This product must accept any interference received, including interference that may cause unwanted operation.

Changes or modifications not expressly approved by the Company may cause users to lose access to operating this device.

CE Compliance Statement

This product meets the essential requirements of EU directives and harmonized standards:

● Low Voltage Directive (LVD, 2014/35/EU)
● Electromagnetic Compatibility Directive (EMC, 2014/30/EU)

This product has passed relevant tests to ensure compliance with requirements in terms of safety, health and environmental protection, and is affixed with the CE mark to prove its compliance.

WEEE Compliance Statement

This product should not be discarded with ordinary household waste at the end of its service life. Please send used products to the designated electronic waste recycling point in your local area to ensure that hazardous substances are properly disposed of and to reduce the potential harm to the environment and human health. We commit to complying with the EU Waste Electrical and Electronic Equipment Directive (WEEE), fulfilling producer responsibility, and promoting the environmentally friendly recycling and disposal of electronic waste.

8. Company information and after-sales service

Hong Kong company: PINGBO TECHNOLOGY LIMITED

Address: Room 704, 7th Floor, Tower A, New Mandarin Plaza, 14 Science Museum Road, Tsim Sha Tsui East, Kowloon, Hong Kong

Shenzhen Company: Shenzhen Pingbo Information Technology Co., LTD

Address: Room A805, Nanshan Software Park, Liancheng Community, Nantou Subdistrict, Nanshan District, Shenzhen City

Official website: www.plugos.cn

Service email: support@trustkernel.com

Warranty Policy: 1. One-year warranty from purchase date, free repair with purchase voucher.

2. High security products are not eligible for return.