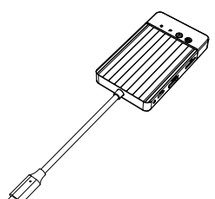
Personal Mobile Digital Hub

MobileHub TH11

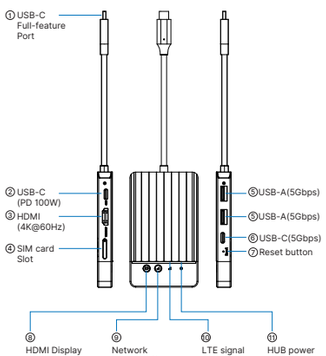
User Guide



Usage Scenario Description

TH11 is a 4G global band multi-functional Hub that supports vSIM technology. After purchasing a data plan, it can be used without inserting a physical SIM card, and it supports global 4G/3G bands. It integrates 4G internet access, USB expansion, and HDMI screen mirroring, meeting the needs for office work, entertainment, and internet access in various scenarios.

Product Appearance and Interface Description



Product Appearance and Interface Description

① USB-C Full-feature Port
Connect to computer/phone/tablet for USB data, network, and video signal transmission.

② USB-C(PD 100W)
Connect an external PD charger to power the device, and also distribute power to connected external devices/host.

③ HDMI(4K@60Hz)
Video mirroring output, connect to monitor/TV/projector.

④ SIM card Slot
With the device powered off, insert the SIM eject tool into the small hole of the SIM card tray, place your own Nano SIM (4FF) card into the tray, then insert the tray into the device and power on to use. This device supports vSIM technology and can be used without a physical SIM card. To use vSIM, purchase a data plan from the service provider's official online store.

⑤ USB-A(5Gbps)
5Gbps high-speed expansion, connect USB peripherals such as USB flash drives, external hard drives, mouse, keyboard, printer, card reader, etc.

⑥ USB-C(5Gbps)
5Gbps high-speed expansion, USB data expansion, connect Type-C peripherals, phones, hard drives, etc.

⑦ Reset button
Reset LTE module / factory reset; use SIM eject tool to press and hold to reset the device.

⑧ HDMI Display Privacy Button
Press to turn off the screen during HDMI mirroring to protect privacy; press again for 1 second to resume mirroring output.

⑨ Network switch button
Press and hold the Network Switch button for 2 seconds to enable the network , Press and hold for 4 seconds to power off.

⑩ LTE signal indicator

⑪ HUB power indicator
Connect an external PD charger to power the device, and also distribute power to connected external devices/host.

LED Indicator Descriptions

LTE indicator light	Green steady on	Network connection normal
	Red blinking	Network registering, please wait
	Red steady on	Wireless network connection abnormal
	Yellow steady on	Wireless network signal weak, suggest moving to a new location
	Indicator light off	Network not enabled
	White steady on	White steady on:Device firmware upgrading, please wait.do not disconnect power during this time
HUB power indicator	Blue/Green dual-color LED	**Blue:** USB-C (PD 100W) power supply **Green:** USB-C Full-featured connector power supply

Product Specifications

Dimensions	98mm×58mm×12.5mm
Weight	90g
Peak Rate	DL 150Mbps/UL 50Mbps
Network and Bands	**LTE FDD:** B1/B2/B3/B4/B5/B7/B8/B9/B12/B13/B17/B18/B19/B20/B25/B26/B28AB/B66 **LTE TDD:** B34/B38/B39/B40/B41 **WCDMA/HSPA:** B1/B2/B4/B5/B8
USB-C Full-feature Port	Output: 20V ⎓ 5A / Input: 5V ⎓ 3A
USB-C 3.0	Output: 5V ⎓ 2A
USB-A 3.0	Output: 5V ⎓ 1.6A
HDMI 2.0	4K @ 60Hz
USB-C(PD)	Input: 20V ⎓ 5A

Important Usage Notes

Video output requires the device to support DP or Thunderbolt 3.
upstream charging requires support for USB-PD or Thunderbolt 3.
The network switch status is retained after the device powers off.
Simultaneous input via full-function USB-C port and USB-C (PD) input port is not supported.
If powered by a power adapter, users shall purchase a matching adapter with valid CCC certification that complies with relevant standards.

Scan this QR code to view the user guide in other languages.

Product Usage Instructions

1. (Optional) Purchase data plan and check plan usage
Use your phone to scan the QR code on the device (the QR code is also printed on the package label) and visit the online store to purchase a data plan.

2. If you have your own SIM card and wish to use it to access the Internet Insert your SIM card into the SIM card slot. When a physical SIM card is inserted, the device will use the physical SIM card for Internet connection by default.

3. Network Connection
Connect the USB-C upstream port to a computer or an external charger with USB-C PD 100W. After the device powers on, press the network power button for 2 seconds. The device can provide wired network access to the computer .

4. Factory reset
After the device is powered on and running normally, press and hold the Reset button for 8 seconds to restore factory settings.

5. HDMI Screen Casting
Connect the device's HDMI port to a monitor, TV or projector via an HDMI cable. Screen casting is available once the device is powered on. Press the HDMI screen off button to turn the display on or off with one click.

Note: The host device must support DisplayPort Alt Mode or Thunderbolt 3.

6. USB Expansion & PD 100W Power Delivery
① Two USB-A ports and one USB-C port support high-speed data transfer up to 5Gbps.
② When the USB-C PD port is connected to an external charger:
- Maximum charging power of each USB-A port: ≤8W.
- Maximum charging power of the secondary USB-C port: ≤10W.
- Maximum power output of the full-function USB-C upstream port: ≤ 100W.
  Total rated output power shall not exceed 100W.

Safety Precautions

1. During the use of the device, do not wrap or seal the device,and do not cover it with items such as towels to avoid equipment failure or impact on normal use due to poor heat dissipation.
2. Keep the device away from moisture and rain.
3. Do not place the device near open flames or exposed heat sources such as electric heaters, microwaves, ovens, etc.
4. Do not subject the device to severe impact or vibration to avoid damage caused thereby.
5. Disconnect the device from the power supply and other equipment before cleaning or maintenance.
6. Do not clean the device with strong chemicals, cleaning agents or heavy-duty detergents; use a clean, dry cloth to clean the device.
7. This device is not a toy; children must use it under adult supervision.
8. Do not allow children to swallow or bite the device.
9. Do not dispose of the device and its accessories as ordinary household waste.
10. Please comply with local laws and regulations regarding the disposal of the device and its accessories and support recycling activities.

Name and Element of the Toxic and Harmful Substances or Elements in the Products

Name of part	Harmful substances					
	Plumbum (Pb)	Mercury (Hg)	Cadmium (Cd)	Hexavalent chromium ($Cr6^+$)	Polybrominated biphenyls (PBB)	Polybrominated Biphenyl Ether (PBDE)
Wireless data terminals	○	○	○	○	○	○
Accessories	○	○	○	○	○	○

This Table is formulated in line with the SJ/T 11364.

○ Indicates that the content of this hazardous substance in all homogeneous materials of this component is below the limit prescribed in GB/T 26572.
× indicates that the content of this hazardous substance in a homogeneous material of this component at least exceeds the limit prescribed in GB/T 26572.

Disclaimer:
Please be aware that if you do not use the device in accordance with this User Guide, we assume no responsibility.

FCC Warning

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 opera.

FCC Warning:
Any Changes or modifications 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.

Specific Absorption Rate (SAR) information:

This Device meets the government's requirements for exposure to radio waves. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons regardless of age or health. FCC RF Exposure Information and Statement the SAR limit of USA (FCC) is 1.6 W/kg averaged over one gram of tissue. Device types: Device has also been tested against this SAR limit. This device was tested for typical body-worn operations with the back of the device kept 5mm from the body.To maintain compliance with FCC RF exposure requirements, use accessories that maintain an 5mm separation distance between the user's body and the back of the device. The use of belt clips, holsters and similar accessories should not contain metallic components in its assembly. The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided.