

Unilink 200

Quick Installation Guide



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1. Introduction

This Quick Installation Guide covers the basic installation of the Unilink200.

2. Overview

The CPE is a 5G NR CPE designed to provide wireless Internet access for a home or small office.

3. Before you Begin

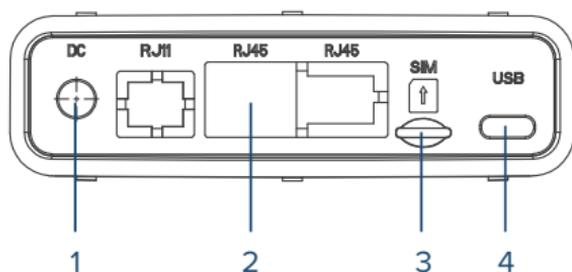
Check the following items in this package.

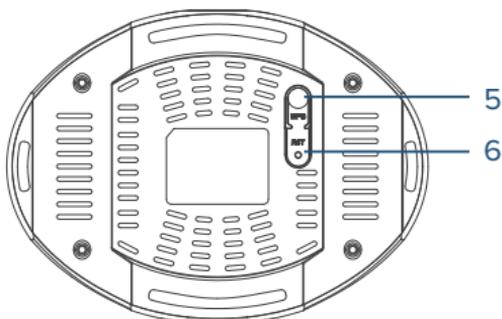
3.1 CPE Package

Item	Quantity
Power supply(12V2A)	1
Unilink 200	1
Ethernet cable	1
Device label	2
Gift box label	2

3.2 Getting to know the Unilink200

The figures below are provided only for reference purposes. Please see the actual product for more details.





1. **DC:** This slot is for inserting the DC charge
2. **RJ45:** Ethernet connectors 100/1000Mbps
3. **USIM:** This slot is for inserting 4FF USIM card
4. **USB:** This slot is for inserting the USB cable
5. **WPS:** Press this button for 5 seconds to connected WPS function
6. **RST:** Press this button for 5 seconds to restore factory defaults

3.3 LED Indicators

LED	Color	Action	Function Description
Power 	Green	On	Indicates AC/DC Adaptor is ON and plugged
		Off	No AC/DC Adaptor
	Green	Blinking	While SW is updating
WPS/Voice 	Green	Blinking	WPS registration While SW is updating
		Off	No WPS
Ethernet 	Green	On Blinking	ETH is active
		Off	No ETH data active
	Green	Blinking	While SW is updating
WIFI 	Green	On	WIFI is active and one client connected with AP
		Off	WIFI no connected
	Green	Blinking	While SW is updating
Connection 5G 	Green	On	Device connected with network
		Off	No data connection
	Green	Blinking	While SW is updating
5G Signal 	Green	On	Good signal, SINR >11dBm, RSRP=-85~-95dBm
	Blue	On	Normal signal, SINR 4~11dBm, RSRP=-95~-105dBm
	Red	On	Weak signal SINR <4dBm, RSRP=-105~-115dBm

3.4 Online Device Management Portal

You can access your Unilink 200 Online Portal to view device status, change your device settings, and perform manual software Upgrades.

1. While you are connected with Unilink 200 over WiFi or LAN. Use any web browser and enter <http://192.168.8.1> in the URL address bar.
2. The login username is “admin” and password can be found on the device label. Click on Sign In button to login.

The Web Interface

Sign in to continue

Please enter your Username and Password.

Username:

Password:

Sign In

3. From the HOME menu, you can view your device information and network status like Signal quality, Network name.
4. If network status is showing Connected and you can see IP addresses in Internet status. That indicates that CPE is connected with network and ready to use.

The screenshot displays the DITO web interface. On the left is a navigation menu with options: HOME, CONNECTED DEVICES, DATA USAGE, SETTINGS, ADVANCED, and ABOUT. The main content area is divided into three columns: Device, Network, and Home. The Device column lists details like Model (UH06-201), IMEI, ICCID, IMSI, Mobile Number, FW Version, and HW Version. The Network column shows Status (Not available), Network Name, RSSI, RSRQ, SINR, Current Frequency Band, and Supported Frequency Band. The Home column includes Home Device (IMEI), Network, and Internet Status sections.

Device		Network	
Model:	UH06-201	Status:	Not available
IMEI:	8676 2995 0033 313	Network Name:	N/A
ICCID:	89868919623191923011	RSSI:	192 dBm
IMSI:	460001162617347	RSRQ:	127 dB
Mobile Number:	8619621967462	SINR:	3 dB
FW Version:	QCS9U_L200_1.6.17.814	Current Frequency Band:	N78
HW Version:	1.0.0.001	Supported Frequency Band:	N1,N77,N78

Wi-Fi		Internet Status	
2.4G Wi-Fi Name (SSID):	DITO_525CL_2.4G	Technology:	NR5G-SA
2.4G Wi-Fi Security:	WPA3PSK	Time Connected:	00:00:00 (dd:hh:mm:ss)
2.4G Wi-Fi Password (key):	226219e7	Received:	0
5G Wi-Fi Name (SSID):	DITO_525CL_5G	Transmitted:	0
5G Wi-Fi Security:	WPA3PSK	IPv4 Address:	N/A
5G Wi-Fi Password (key):	226219e7	IPv6 Address:	N/A

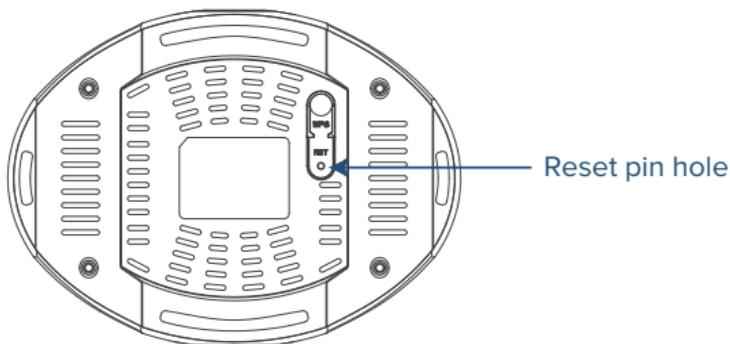
Home	
Device:	IMEI
A International Mobile Equipment Identity is a 15 or 17 digit code used to uniquely identify an individual mobile station on the network. This IMEI does not change when the SIM is changed.	
ICCID:	This unique ID number is assigned to the SIM card.
Network:	
This panel contains information about the network status and signal strength that is currently provided by vendor.	
Internet Status:	
This panel contains information about the basic technology, which is connected to the Internet, the amount of time the Internet has been connected, as well as amount of data sent and received from the network.	

5. For WiFi related settings i.e. SSID Name and Password, go to SETTINGS > Wi-Fi Settings.

4. Factory Resetting of Your Unilink 200

You can reset your Unilink 200 to factory default settings in two Ways, Using Reset Button

1. Make sure your Unilink 200 is powered on.
2. Insert a pin into the Reset pin hole, push down and hold up to 10 seconds. The device will then restore the factory defaults and reboot.



Using Online Portal (WebGUI)

1. Make sure your Unilink 200 is powered on and you have access to WebGUI.
2. Go to ABOUT > Backup and Restore, and click on Restore Factory Defaults button. The device will then restore the factory defaults and reboot.

Note:

1. Factory Reset or Restart process, make sure power adaptor is connected with the Unilink 200 to ensure uninterrupted power supply.
2. Before turn on CPE, please insert DITO 5G sim card first.
3. Please plug off power adaptor first if you would like to plug off sim card.

5. Q&A

The Power LED indicator is not ON.

1. Check if the Power adapter is plugged properly into AC socket.
2. Check power adapter is connected to Unilink 200 properly.

Note: Use only provided Power Adaptor comes with packaging along with the device

Web Based Utility (WebGUI) cannot be accessed

1. Ensure that the Unilink 200 is powered on.
2. Ensure that your wireless client is connected and acquired the IP address from Unilink 200 over Wired or wireless connection.
3. Check with another web browser or try reset the browser cache Memory.
4. Try Reboot or factory reset the device.

Device cannot access the network

1. Ensure your USIM card is valid and active.
2. Check 5G LED, it should be On. In case, if it is off then login to WebGUI and check the Network details available on home page.
3. Network status should be showing Connected. If it is showing disconnected or connecting, Kindly check network parameters RSRP, SINR values. SINR value (dB) should be Positive. RSRP value must be greater than -115dBm. Preferred value should be around -90 dBm.
4. Try Reboot or factory reset the device.
5. If your laptop or mobile fails to connect CPE via WIFI several times, you can try:
 - a) Forget your WIFI password, re-enter the password and try to connect again.
 - or
 - b) Restart your laptop or mobile and try to connect again.