

1. Connect the hardware

1 Connect the antennas.



2 Insert the SIM card(s) into the slot and close SIM door.

SIM card requirement:
2FF style | up to 2 SIMs



Refer to manual for instructions on the SIM insertion process.



3 Connect the power cable to turn on the modem.

- DC power supply
- Power over Ethernet
- Vehicle ECU (OBDII/J1939)

2. Verify the connection

Check the following key LED light statuses for a solid color. If the "Connection" LED is on with a solid RED, your CTM-500 is connected to the Internet successfully.



Detailed LED status information is available in the CTM-500 manual [here](#).

3. Accessing the CTM-500

The CTM-500 will be ready for access and configuration 15-20 seconds after applying power.

Wi-Fi

By default, the CTM-500 will broadcast its SSID when powered on. Enter the default SSID and connect after entering the pre-shared key.

Interface	Technology	Default IP (http)	Default SSID	key
Radio 0	2.4 GHz	192.168.3.1	CypressCTM	CypressAccess
Radio 1	5/6 GHz	192.168.4.1	CypressCTM-5G	CypressAccess

After connecting to the modem Wi-Fi network, you will be prompted to change your password if you attempt to access the modem via 192.168.3.1 or 192.168.4.1.

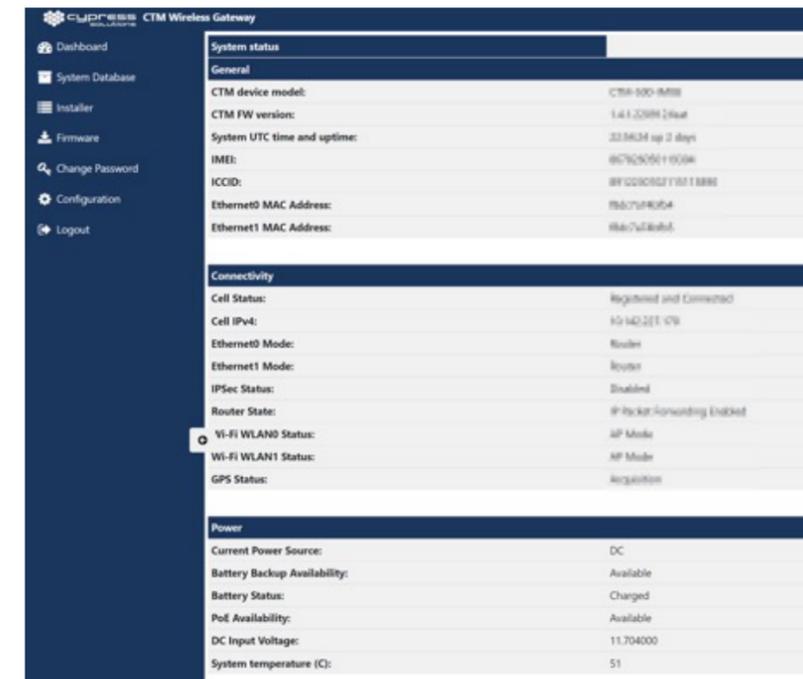
Sign in

https://192.168.3.1

Username

Password

You will see this screen after a successful login.



Wired

Plug one end of a standard Ethernet patch cable into one of the CTM-500's Ethernet port, and the other end into the LAN device, PC or Ethernet peripheral.

Ethernet Port	Default IP (https)	Default Secondary IP	Username	Password
ETH0	192.168.1.1	169.254.0.1	admin	See label
ETH1	192.168.2.1	169.254.0.129	admin	See label

You will be required to change your password during the first login attempt.

NOTE: the default password will be printed on the label attached to the CTM-500.