



Cassia Networks M2000 Bluetooth Gateway User Guide

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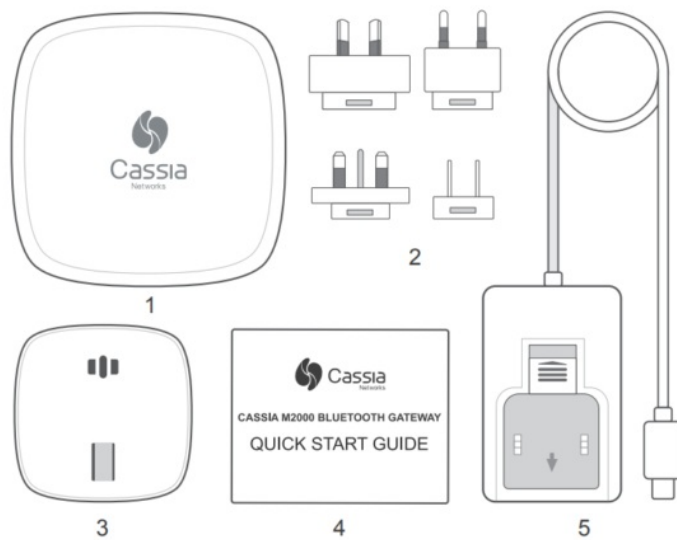


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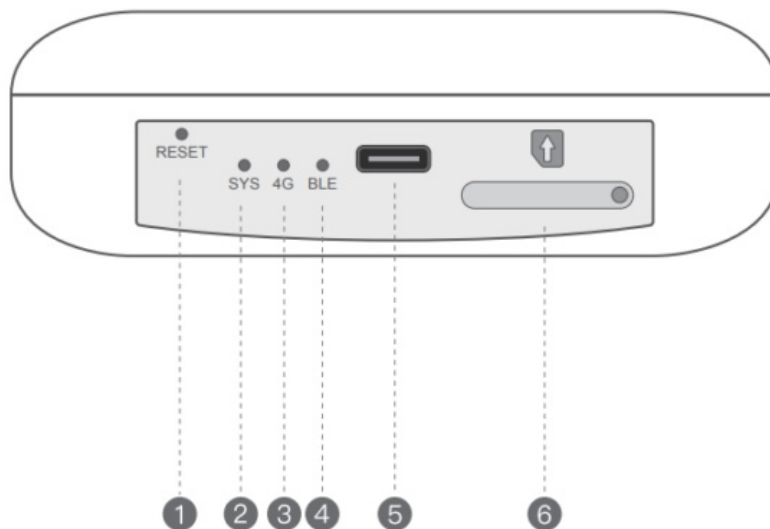
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INCLUDED IN PACKAGE



1. M2000 Gateway
2. USB Power Plugs
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PORTS AND LED



1. Reset button
2. System & Wi-Fi LED light
3. 4G LED light
4. Bluetooth LED light
5. USB-C power input
6. Micro SIM card socket

LED	Status	Description
SYS	Off	Power off
	Fast flashing	The system is starting
	Solid on	The system is operating normally. Wi-Fi connection is NOT established
	Slow flashing	The system is operating normally. Wi-Fi connection is established
4G	Slow flashing (200ms ON/1800ms OFF)	Network searching
	Slow flashing (1800ms ON/200ms OFF)	Idle
	Fast flashing	Data transfer is ongoing
BLE	Off	The Bluetooth chip didn't start
	Solid on	Bluetooth is operating normally
	Flashing	Flash twice when the Bluetooth connection is established

MOUNTING & INSTALLATION

Step 1: Open the silicone plug of the SIM card socket, and then insert the Micro SIM card referring to the diagram below. Make sure that the beveled corner of the SIM card is correct. If using Wi-Fi backhaul, please ignore this step



Step 2: Connect the USB-C power supply to the M2000



Step 3: Stick the mounting bracket to the wall



Step 4: Slide M2000 down on the mounting bracket



Notes:

1. When inserting the SIM card, push it in until it is held in place by the slot.
2. When removing the SIM card, push it in until it pops out.

SETUP BLUETOOTH GATEWAY

1. Record the last six digits of the MAC address on the back of the M2000.
2. Connect to the M2000's Wi-Fi hotspot using a computer or mobile phone. The hotspot's name is cassia-xxxxxx.
The password of the hotspot is the same as the name. xxxxxx is the last six characters of the M2000's MAC address. For instance, if the MAC address of an M2000 is CC:1B:E0:E3:0D:8C, both the Wi-Fi hotspot name and password are cassia-E30D8C.
3. After connecting to the M2000's Wi-Fi hotspot, open a web browser and enter 192.168.40.1 into the address bar. The default username and password are admin and admin.
4. Fill in the fields for settings like AC Server Address, Wi-Fi, and Cellular Modem.

PRODUCT INTERFACE

Power input: USB-C, DC 5V 2A

Bluetooth Low Energy: 4.0/4.1/4.2/5.0

Wi-Fi: 802.11 b/g/n, 2.4GHz. Please only use the Wi-Fi AP that supports 2.4GHz

Cellular: CAT-M1 and NB-IoT

GPS: Active GPS with an internal GPS antenna

Reset button: Restore to factory settings

TEMPERATURE MEASUREMENT

Range: -30°C to +70°C (-22°F to +158°F)

Accuracy: ±1°C (1.8°F)

HUMIDITY MEASUREMENT

Range: 0 to 99% RH

Accuracy: ±5% RH (at 25°C / 77°F)

ENVIRONMENTAL

Operating temperature: -30°C to +70°C (-22°F to +158°F)

Humidity: 0% to 90% non-condensing

Storage and transportation temperature: -50°C to +70°C (-58°F to +158°F)

IP rating: IP30 (>2.5mm solid protection, no liquid protection)

For additional assistance, please email: support@cassianetworks.com

FEDERAL COMMUNICATIONS COMMISSION (FCC) INTERFERENCE STATEMENT

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.

NOTE: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

RF EXPOSURE WARNING

This equipment must be installed and operated in accordance with provided instructions and the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter. End-users and installers must be provided with antenna installation instructions and transmitter operating conditions for satisfying RF exposure compliance.

EU REGULATORY CONFORMANCE

Cassia Networks Inc., hereby declares that Cassia M2000 Series Bluetooth Gateway is in compliance with directives listed below:

EMC Directive 2014/30/EU

Low Voltage Directive 2014/35/EU

RED Directive 2014/53/EU

REACH European Regulation (EC) No 1907/2006

RoHS Directive 2011/65/EU & 2015/863/EU

WEEE Directive 2012/19/EU

A Declaration of Conformity for these directives is available for viewing at <https://www.cassianetworks.com>

For additional information, please go to: <https://www.cassianetworks.com>

IC RADIATION EXPOSURE STATEMENT FOR CANADA

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

RF EXPOSURE SAFETY

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20 cm between the radiator & your body.

CAN ICES-003 (B)/NMB-003(B)

This Class B digital apparatus complies with Canadian ICES-003

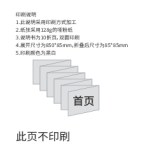
ICES-003

<https://www.cassianetworks.com>

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Documents / Resources



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M2000, M2000 Bluetooth Gateway, Bluetooth Gateway, Gateway

References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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