![KE2 therm solutions logo]

KE2 EdgeManager Lite (KE2-EM Lite)
GETTING STARTED & EZ-INSTALL WIZARD GUIDE

LED Lights:

Power

2.4GHz Wi-Fi

5GHz Wi-Fi

Reset Button

Mode Switch
(not currently in use)

WAN Ethernet Port

LAN Ethernet Ports

USB 2.0 Port
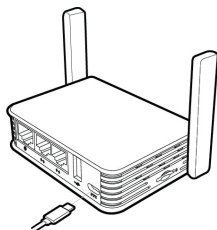(not used)

Power Port

180°

MicroSD Card Slot
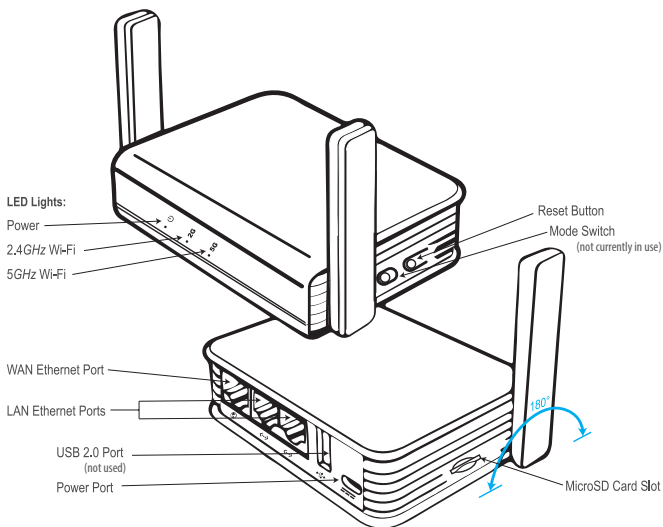
GETTING STARTED

1 Power On

Plug the Micro USB power cable into the power port of the KE2-EM Lite. Use the **5V/2A** power adapter supplied with the KE2-EM Lite in order to ensure proper operation.

Note: *If necessary to perform a Factory Reset, hold down the Reset button for 10 seconds, then release.*

Note: *A MicroSD card is pre-installed in the KE2-EM Lite.* **DO NOT** *remove or replace the MicroSD card.*

2 Connecting to the KE2-EM Lite

You can connect to the KE2-EM Lite via Wi-Fi or Ethernet Cat5e cable. Choose the most convenient method.

Note: *This step only connects your mobile/tablet/laptop/desktop to the local area network (LAN) of the KE2-EM Lite. Internet access is not yet configured. In order to connect to the Internet, please finish the setup procedures below and the* **EZ-Install Wizard** *to setup an Internet connection.*

Method 1 - Connect via Wi-Fi

Search for the KE2-EM Lite's wireless network (SSID) in your device's list of Wi-Fi networks and input the default password – All characters are upper case: **KE2EMLT#1**

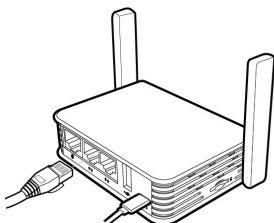*The SSID is printed on the label on the bottom of the KE2-EM Lite in the following formats:*

KE2EMLT-XXXXX (Ex: KE2EMLT-04CDC7)

KE2EMLT-XXXXX-5G (Ex: KE2EMLT-04CDC7-5G)

Method 2 - Connect via LAN

Connect your device to the LAN port (⟨•••⟩) of the KE2-EM Lite via Ethernet cable. Either LAN port can be used.

Note: *Your device will not display both KE2-EM Lite Wi-Fi networks unless it supports both 2.4GHz and 5GHz Wi-Fi.*

3 Access the KE2-EM Lite Dashboard

Open a web browser (Firefox, Chrome, Edge, Safari) and visit http://192.168.50.1.
If this is a new install, you will be guided using the **EZ-Install Wizard**.

EZ-INSTALL WIZARD
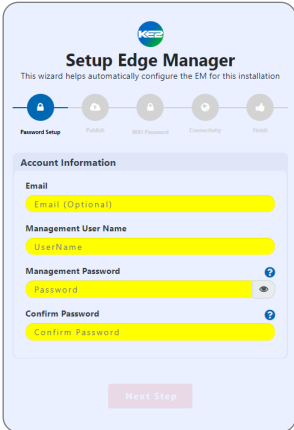
❶ Password Setup

Email – Optional field.

User Name – Management Console User Name. The KE2-EM Lite secures access to the Management Console with these credentials. You are required to create this account on first install.

Password – Management Console Password. The KE2-EM Lite secures access to the Management Console with these credentials. You are required to create this password on first install. Please record both User Name and Password for future reference. You will need both to login to the Management Console. This password requires 8-15 characters, at least one upper and lower case, a number, and a special character (!@#$()%&*).
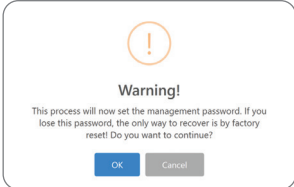
Confirm Password – Confirm Password as entered in the prior field. You are required to confirm this password on first install.

The **Next Step** button will be available once all fields are entered properly.

You will be prompted to **CONFIRM** the management account credentials to continue.

Setup Edge Manager
This wizard helps automatically configure the EM for this installation

Password Setup • Publish • Wifi Password • Connectivity • Finish

Account Information

Email
Email (Optional)

Management User Name
UserName

Management Password
Password

Confirm Password
Confirm Password

Next Step

⚠ Warning!

This process will now set the management password. If you lose this password, the only way to recover is by factory reset! Do you want to continue?

OK   Cancel

EZ-INSTALL WIZARD

2 Publish

Auto Publish ALL devices – This option allows you to automatically publish any KE2 Therm devices communicating with the KE2-EM Lite to the Portal specified below.

Do not Auto Publish devices – If you do not wish your KE2 Therm devices to be automatically published to the Portal, select this option.

Portal – This is the remote portal that your devices will be published to. In most cases, this does not need to be changed.

Site – This is the unique Site name on the Portal where all devices on the KE2-EM Lite will be published. A Site name should be descriptive. *Ex: MyStore-04CD*

Pass – This field contains the Portal password used to publish devices. This password should be 8-15 characters, with upper and lower case, including numerals and special characters (!@#$()%&*).

The **Next** button will be available once all requirements have been satisfied.

3 Wi-Fi Password

Wi-Fi Password – For security purposes, you will be prompted to change the default Wi-Fi Password during installation. A minimum of 8 characters is required, but 14 is recommended. Please record this Wi-Fi password. You will need it to reconnect later.

Confirm Password – Confirm Password as entered in the prior field. You are required to confirm the password before the **Next Step** button will become available.

Enable Guest AP – Allows Wi-Fi access to the dashboard without a password. Internet access is not available when connected to the Guest AP.

EZ-INSTALL WIZARD

④ Connectivity

This page helps you connect this KE2-EM Lite to the Internet. If you want to publish devices to the Portal for remote access, or receive alarm notifications, the KE2-EM Lite must be connected to the Internet.

Connect to the Internet

Allow vendor assistance – Allows KE2 Therm to remotely connect to the KE2-EM for technical support.

Ethernet Connection – WAN Port – Select this option if you are using a Cat5e Ethernet cable to connect the KE2-EM Lite to the Internet. The KE2-EM Lite will automatically request an IP address from the network.

Stand Alone (No Internet) – Select this option if you do not want to connect the KE2-EM Lite to the Internet.

Wireless Bridge / Uplink – Select this option if you want to wirelessly connect to an available Wi-Fi network within range of the KE2-EM Lite and use it to access the Internet. This mode is a convenient way to connect to another Wi-Fi Access Point, Hotspot, or Guest Network for quick Internet access. Be sure to consider any security implications this may cause. If in doubt, contact your local IT or help desk for direction and support.

Wireless Bridge / Uplink – has additional configuration options:

The KE2-EM Lite has two wireless radios (2.4GHz and 5GHz) to connect to a pre-existing Wi-Fi network for Internet access. This provides the KE2-EM Lite access to the Internet without running Ethernet cables. Choose only **ONE**, 2.4GHz OR 5GHz, for the Wireless Bridge.

EZ-INSTALL WIZARD

④
Cont'd **Name –** Select this dropdown to display Wi-Fi networks within range. If a network does not appear, it may be on the other frequency (2.4GHz or 5GHz).

Use hidden SSID – Use this option to specify the SSID of a hidden Wi-Fi network.

Pass – This is the password field for the Wi-Fi network found previously. Input the password for the Wi-Fi network.

Set as Priority – This is an advanced option and usually not required. This option allows network traffic to be delivered to the Wi-Fi interface first. Enable this only at the instruction of an IT representative.

Save Changes – to complete the Wireless Bridge / Uplink connection, you must select save changes.

The **Next Step** button can be selected if *Stand Alone (No Internet)* was selected previously.

Note: *The wireless radio (2.4GHz or 5GHz) selected for the Wireless Bridge will **no longer** be able to be used as an Access Point for the KE2-EM Lite. If you lose access to the KE2-EM Lite and cannot reconnect, perform a Factory Reset and select the other wireless radio for the Wireless Bridge.*

④
Cont'd **Wi-Fi Example 1:**
User connects their smart device to the **KE2EMLT-04CDC7** 2.4GHz Wi-Fi network to access the KE2-EM Lite. The 5GHz radio is used to create the Wireless Bridge to the existing Wi-Fi network.

EZ-INSTALL WIZARD

④ **Wi-Fi Example 2:**
Cont'd User connects their smart device to the **KE2EMLT-04CDC7-5G** 5GHz Wi-Fi network to access the KE2-EM Lite. The 2.4GHz radio is used to create the Wireless Bridge to the existing Wi-Fi network.

Wi-Fi Tips:

Use 2.4GHz Wi-Fi Bridge for sites using traditional, slower Internet Access Points.

Use 5GHz Wi-Fi Bridge for sites using newer, faster Internet Access Points.

Note: 2.4GHz wireless transmissions can travel farther than 5GHz transmissions.

DO NOT ATTEMPT to Wi-Fi Bridge both 2.4GHz and 5GHz!!!

⑤ **Finish**

Congratulations!! You have successfully completed the **EZ-Install Wizard**. The KE2-EM Lite will need to reboot with the configuration options you have selected. This process will take less than two minutes to complete. To reconnect, simply use the same method you used in **Step ② Connecting to the KE2-EM Lite** as described earlier. Don't forget, the Wi-Fi password and management credentials were changed during the **EZ-Install Wizard** setup.

TECHNICAL SUPPORT

Factory/Login Credentials Reset

If you are unable to access the KE2 Dashboard or cannot connect to the KE2-Edge Manager (KE2-EM), you can press the **RESET** button:

- ■ Press the reset button for 1 second or less to reboot the KE2-EM.
- ■ Press and hold the reset button for 3 to 5 seconds, then release to reset KE2-EM credentials to the default of ke2admin/ ke2admin. You will be prompted to change the username and password from default upon logging in.
- ■ Press and hold the reset button for at least 10 seconds, then release to reset the KE2-EM to factory settings. WARNING - all settings and user data will be cleared.

Technical Support

If you are unable to access the KE2 Dashboard or cannot connect to the KE2-Edge Manager (KE2-EM), you can press the **RESET** button:

- ■ For more detailed / updated instructions, please visit our website https://ke2therm.com
- ■ For additional questions, use one of the following:
  - Send an E-mail to **techsupport@ke2therm.com**
  - Visit our YouTube channel https://youtube.com/user/KE2Therm/videos
  - Call us at 636-266-0140 (8am -5pm CST)

If calling, please make sure you are running the latest version and have access to the KE2-EM.

Visit https://ke2therm.com/literature/literature-ke2-edge-managers/
or use the QR code to view all KE2-EM literature:

Record Credentials *(optional)*

Record your credentials in the space below and secure in a safe location for future reference:

Management Console

Username:	Password:

KE2 SmartAccess

Site:	Password:

Wi-Fi

Password:

KE2-EM Lite

Serial No:	MAC Address: