

140mm * 90mm
128g双铜双面+4C+哑胶+三折四页

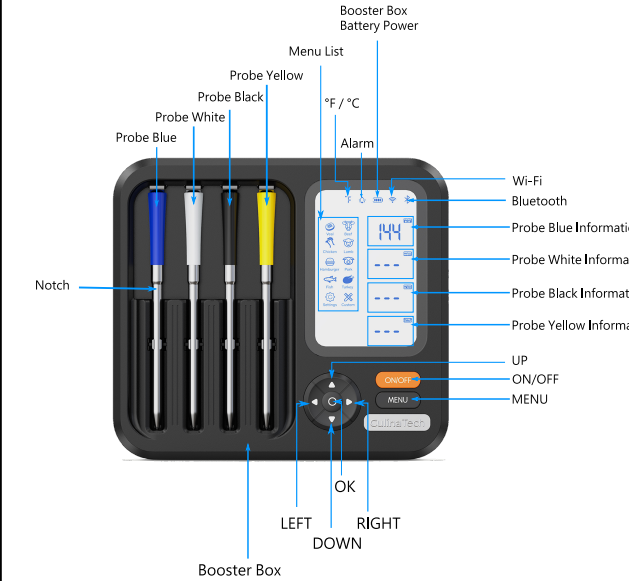
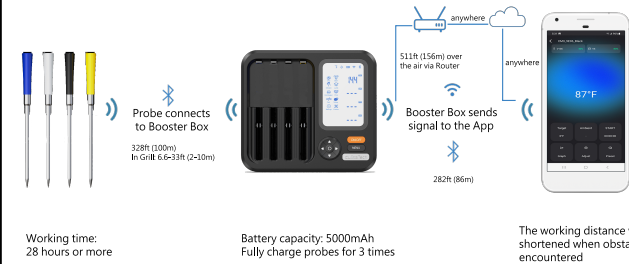
CulinaTech™

CulinaMeter Four (CM4) User Manual



CulinaTech

Scan the appropriate QR code for your operating system to download the app.



1

1. Pairing the CM4 with the “CulinaTech” App

Step 1: Download and Install the App

1. Scan the QR code provided with the manual to download and install the “CulinaTech” app.
2. Alternatively, search for “CulinaTech” in the Apple App Store or Google Play, then download and install the app.

Step 2: Pair the Probes with the Booster

Remove a probe from the Booster. When the display changes from four dashes to a temperature reading, the probe and Booster are paired.

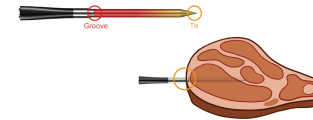
Important: Fully charge the Bluetooth thermometer before first use.

Step 3: Add the Device

1. Remove a probe from the Booster.
2. Turn on Bluetooth. On Android devices, also turn on GPS/location services.
3. Open the “CulinaTech” app and tap “+” to add a device. Select either Bluetooth or Wi-Fi according to your needs.
4. Read the notices in Help / Support carefully. The CM4 is now ready for cooking.

Step 4: Cook with the App

1. Insert the probe into the meat until the probe's groove is fully covered. Keep the Booster within 328 ft (100 m) of the probe in open equipment. For fully enclosed equipment, keep the Booster within 32 ft (10 m) and place it as close to the probe as practical.



2. In the app, tap the connected thermometer, then tap the Meat icon shown below. Select the type of meat and the desired target temperature, then tap “Save”.

3. Place the meat in the cooking appliance and tap “START”. When the probe reaches the target temperature, the app sounds an alarm.

4. During cooking, tap “Adjust” to change the selected meat type or target temperature.

5. Open “Graph” to view changes in the food's internal temperature over time.

2

2. Booster and Probe Operation

Step 1: Powering On the Booster

1. When a paired probe is removed from the Booster, the display shows the probe's internal temperature, ambient temperature, probe battery level, and Booster battery level.
2. With the probes docked, press and hold “ON/OFF” for 2 seconds to turn on the Booster. The temperature area shows three dashes, along with the probe and Booster battery levels.

Step 2: Powering Off the Booster

Press and hold “ON/OFF” for 3 seconds to turn off the Booster.

Step 3: Powering On a Probe

Remove the probe from the Booster dock. The display shows the paired probe's internal temperature, ambient temperature, probe battery level, and Booster battery level.

Step 4: Powering Off a Probe

1. The probe turns off automatically when its battery is depleted.
2. Place the probe in the Booster dock. When both the internal and ambient temperatures are below 40°C / 104°F, the probe turns off and the Booster begins charging it. The Booster display then shows only the probe and Booster battery levels.

Step 5: Pairing the Booster with the Probes

1. Remove all probes from the Booster docks.
2. Press and hold “MENU” for 3 seconds. Important: no probe may remain in any CM4 dock during pairing; otherwise, holding “MENU” for 3 seconds has no effect.

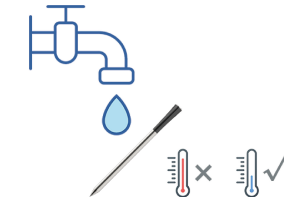
Step 6: Display Before and After Pairing

1. Before pairing, or when the connection is lost, the temperature area shows four dashes. The signal indicator and Booster battery level remain visible.
2. After pairing, the Booster display shows the paired probe's internal temperature, ambient temperature, and battery level.

3

3. Cleaning and Storage

After cooking, allow the probe to cool naturally before cleaning. Wear gloves when removing the probe. Dry the probe thoroughly, then place it in the Booster. The probe turns off after it is fully charged.



4. FCC Compliance Statement

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.
2) This device must accept any interference received, including interference that may cause undesired operation.

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

NOTES: This device has been tested and meets standard requirements.

5. Compatible Devices



4

6. Booster Button Reference

Button	Operation
ON/OFF	Power on: From the power-off state, press and hold “ON/OFF” for 2 seconds. The buzzer beeps once for 0.5 seconds when the Booster turns on.
	Power off: From the power-on state, press and hold “ON/OFF” for 3 seconds.
	Backlight: 1. Press “ON/OFF” once to turn the backlight off when it is on, or on when it is off. Pressing any key also turns on the backlight. 2. The backlight turns off automatically after 5 minutes. Pressing any key resets the 5-minute timer. 3. Press “ON/OFF” twice to cycle through High, Medium, and Low brightness.
	Hard reset: Press and hold “ON/OFF” for 8 seconds to reset the Booster and clear the temperature settings. Probe pairing is not cleared.
MENU	Normal mode: 1. Press and hold “MENU” for 3 seconds to pair the probes. All probes must be undocked. 2. Press “MENU” once to enter setup mode.
	Setup mode: 1. Press “MENU” once to move to the next probe without saving the current probe's settings. 2. Press “MENU” four times in a row to display the probe's current target temperature for approximately 2 seconds, then return to the main screen.
Up	Normal mode: Press “Up” to switch between °F and °C.
	Setup mode (after pressing “MENU” once): 1. Scroll through cooking presets. 2. After pressing “OK” on a cooking preset, press “Up” to increase the target temperature.
Down	Normal mode: No function.
	Setup mode (after pressing “MENU” once): 1. Scroll through cooking presets. 2. After pressing “OK” on a cooking preset, press “Down” to decrease the target temperature.
Left	Normal mode: Press “Left” to display the target temperature.
	Setup mode (after pressing “MENU” once): 1. Scroll through cooking presets. 2. After pressing “OK” on a cooking preset, enter temperature-setting mode. 3. Press “Left” to exit the current probe's cooking-preset setup without saving and return to the cooking-preset menu.
Right	Normal mode (probe connected): Cycle between internal (INT) and ambient (EXT) temperature. If EXT is displayed, the screen returns to INT after 3 seconds. INT means internal temperature; EXT means ambient temperature.
	Setup mode (after pressing “MENU” once): Scroll through cooking presets.
OK	Normal mode: No function.
	Setup mode (after pressing “MENU” once): After selecting a cooking preset, press “OK” to enter temperature-setting mode. Set the temperature, then press “OK” again to save the probe's cooking preset and target temperature.

5

Notes:

- Alarm:

1. When the Booster alarm sounds, press any key on the Booster to silence it immediately.
2. If the internal temperature reaches or exceeds 100°C/212°F, an alarm sounds, the internal temperature icon appears, and the backlight flashes 3 times per second. The alarm stops automatically when the temperature falls below 100°C/212°F.
3. If the ambient temperature reaches or exceeds 275°C/527°F, an alarm sounds, the ambient temperature icon appears, and the backlight flashes 3 times per second. The alarm stops automatically when the temperature falls below 275°C/527°F.

- Backlight:

- Turn on

1. Press any key.

2. Remove a probe from the dock.

- Turn off

1. Press “ON/OFF” once.

2. The backlight turns off automatically after 5 minutes; pressing any key resets the timer.

3. The backlight turns off automatically 10 seconds after all probes are docked.

- Flashing patterns

1. Cooking complete: the backlight flashes 2 times per second.

2. Target received from the app: the backlight flashes 3 times, the preset target flashes 3 times, and the timer/alarm-clock icon lights up.

3. Start tapped in the app: the backlight flashes 3 times.

4. Internal temperature at or above 100°C/212°F: the internal temperature icon appears and the backlight flashes 3 times per second.

5. Ambient temperature at or above 275°C/527°F: the ambient temperature icon appears and the backlight flashes 3 times per second.

- Cooking Settings:

Press “MENU” once to open the cooking-preset menu. Custom flashes by default.

Use “Up” / “Down” / “Left” / “Right” to select a cooking preset, press “OK” to adjust the target temperature with “Up” / “Down”, and then press “OK” to save.

- Factory default target temperature:

After a factory reset, the default internal target temperature is 63°C/145°F. Adjust it as required for your cooking target.

7. Included Components

Blue probe × 1

White probe × 1

Black probe × 1

Yellow probe × 1

Booster box × 1

USB charging cable × 1

User manual × 1

Quick Guide × 1

8. Customer Service

Email: culinatech@outlook.com

Hours: 7 Days 24 Hours

Made in China

FCC ID : 2ARYG-MW2PROBE



6

9. Specification

Temperature Range	
Internal Temperature	32°F to 212°F(0°C to 100°C)
Ambient Temperature	32°F to 527°F(0°C to 275°C)
Accuracy	+1.8°F(±1.0°C) from 32 to 212°F(0 to 100°C) otherwise +2%
Booster operating	0°C to 45°C
Sensor Type	NTC
Transmission Range*	
Probe to Booster Box	328 ft (100 m) for open equipment; 6.6–33 ft (2–10 m) for enclosed equipment. Enclosed equipment can shield signals and reduce the connection range to within 33 ft / 10 m.
Booster Box to Smart Device	282 ft (86 m) over the air via Bluetooth
Booster to Wi-Fi AP	511 ft (156 m) over the air via Wi-Fi; the smart device may be located anywhere with network access
Frequency	2.4 GHz–2.4835 GHz
Battery life	
Probe	28 hours or more
Booster Box	Approximately 3 full probe charges using Bluetooth; approximately 2.5 full probe charges using Wi-Fi
Wireless Technology	Bluetooth 5.3
Dimensions	
Probe	Ø0.22 in diameter x 4.7 in length(Ø5.5x118 mm)
Booster Box	6.4 x 5.8 x 1.2 in (163L x 147W x 31H mm)
Voltage	
Probe	2.4 V, 5 mAh
Booster Box	3.7 V, 5000 mAh
Input	DC 5 V, 1000 mA
* Transmission-range note: The stated transmission range is based on tests at an ambient temperature of 77°F / 25°C without obstructions or electromagnetic interference. Actual range may vary depending on the number of obstructions and the electromagnetic interference in the environment.	

7