OUTDOOR GRILL SMART SOLUTIONS

Temperature Monitoring • Wireless Connectivity
Lighting Control • Cooking Alerts





Wireless Terminal



Smart Display Knob



Controller



Wireless Temperature Probe

WIRELESS TERMINAL SOLUTION

Centralized display · Wireless temperature monitoring



System Components



System Link



Wired Sensing



Wireless Sensing



Wireless Terminal
3.97-inch IPS touchscreen
800×480 · 500 nit

Controller
Dual grill temperature inputs
12 V / 24 V AC/DC
<5 W · IP54

K-Type Thermocouples (×2)
Measuring range:
0–600 °C

Wireless Probe
Nominal range:
−10 to 100 °C
Exposed section limit:
<300 °C · IP67

Solution Highlights

Display: 3.97-inch IPS touch
800×480 · 500 nit

Battery: 4000 mAh
Nominal runtime >6 h

Charging: USB Type-C 5 V / 2 A · IP65

Temperature: Four real-time channels

Configuration shown for reference. Refer to final specifications for interfaces and parameters.

SMART KNOB SOLUTION

Rotary interaction · Integrated temperature display



System Components



System Link



Wired Sensing



Wireless Sensing



Smart Display Knob

1.65-inch IPS round display
360 × 360 · 300 nit

Controller

Dual grill temperature inputs
12 V / 24 V AC/DC
< 5 W · IP54

K-Type Thermocouples (×2)

Measuring range:
0 - 600 °C

Wireless Probe

Nominal range:
– 10 to 100 °C
Exposed section limit:
<300 °C · IP67

Solution Highlights

Display: 1.65-inch IPS
360 × 360 · 300 nit

Power: 5 V · Rated power < 5 W · IP65

Operation: 100 brightness levels
Lighting control · Timer alerts

Temperature: Three real-time channels

Configuration shown for reference. Refer to final specifications for interfaces and parameters.

PANEL DISPLAY SOLUTION

Panel integration · Multi-zone temperature display



System Components



System Link

Wired Sensing



Wireless Sensing



Panel Display
140 × 55 mm
Dual grill temperatures
Food / ambient temperatures
MODE / – / OK / + / LIGHT

Controller
Dual grill temperature inputs
12 V / 24 V AC/DC
<5 W · IP54

K-Type Thermocouples (×2)
Measuring range:
0–600 °C

Wireless Probe
Nominal range:
–10 to 100 °C
Exposed section limit:
<300 °C · IP67

Solution Highlights

Display: Dual grill, food and ambient temperatures

Time & controls:
Timer alerts · Lighting control
MODE / – / OK / + / LIGHT

Panel dimensions: 140 × 55 mm.
Supply voltage and IP rating to be confirmed.

Configuration shown for reference.
Refer to final specifications for interfaces and parameters.