OmniControl Touch Panel
GK-SM08P

User Manual

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1. Precautions for Use

1. The equipment is for indoor use only.
2. To reduce the risk of fires or electric shock, do not expose the equipment to rain or moisture.
3. Do not subject the equipment to severe shocking
4. Prevent any foreign matter falling int the external slot.
5. Do not open the case of the equipment. There is a risk of electric shock,and there are no user serviceable parts inside. Opening the case will void your warranty.

2. Product Features

1. Capacitive full-screen touch, 8-inch IPS display, 800*1280 resolution.
2. Music Player: support MP3, WAV, WMA, FLAC, DTS, APE, AC3, OGG and other audio formats.
3. Bluetooth : supports pairing of external Bluetooth devices such as mobile phones to achieve audio playback.
4. Time calendar: support clock and calendar display functions.
5. Setting function: setting host related functions
6. Memory card function: externally insert TF card, support 32GB TF card.
7. Type C function: plug in a type C for transfer data
8. Multi play modes: support single play, random play, sequential play, single loop, all loop play mode.
9.Display: After setting the screen , the screen can display the date and time.
10. Support shutdown and restart.
11. Support firmware online upgrade
12. Built-in WIFI wireless connection
13. 485: can support external input control, can also output control external intelligent equipment
14.Touch function:Multi-touch and touch wake up

3.Parameter and Specification

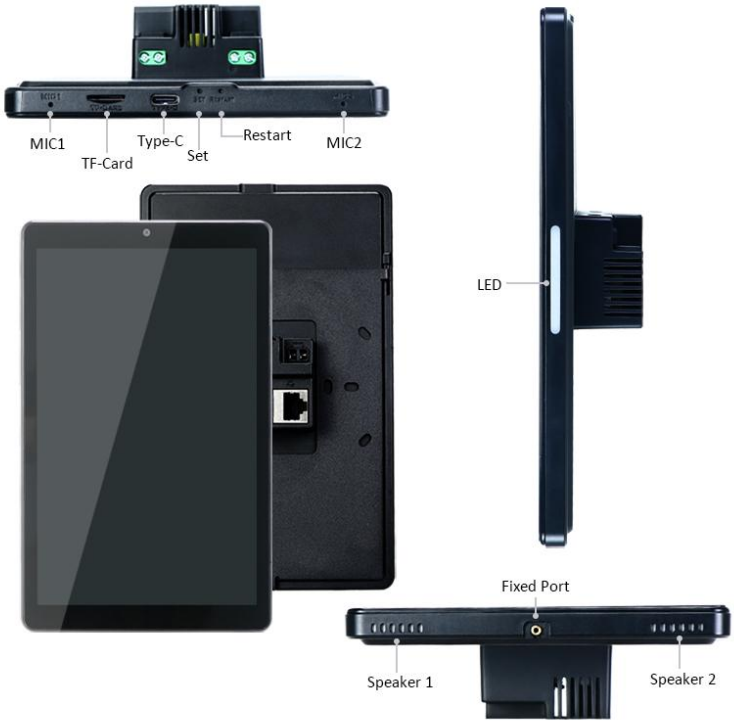
1. Equipment parameters:

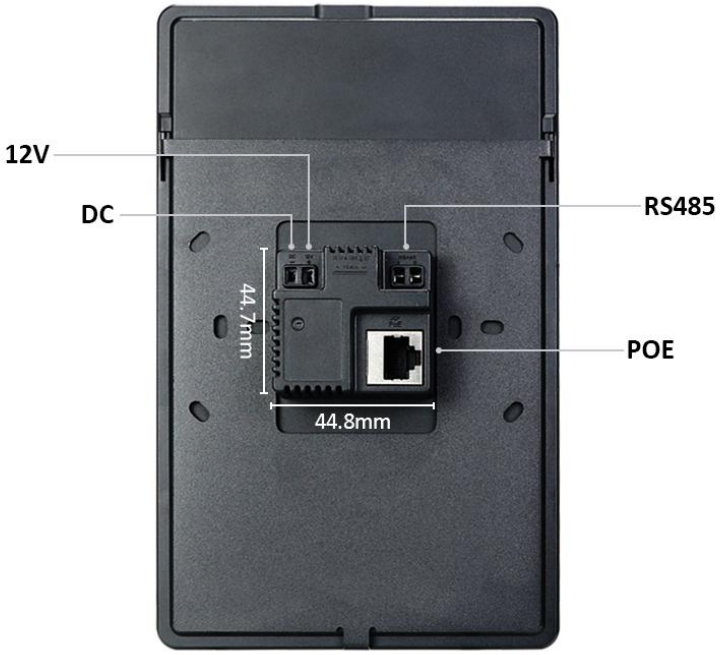
Outer wall dimensions: 200.10 (length) x 124.6 (width) x 11.57 (thickness) mm
Embedded box size: 47.8 (length) x 44.72 (width) x25.09 (depth) mm
86box size :80(length) x 80 (width) x37 (depth) mm

2. Rated power of the whole machine: 24W
3. Input voltage: DC 12V
4. Display: 8-inch IPS display
5. Resolution: 800*1280
6. CPU: RK3566 Quad-Core ARM Cortex-A55， up to 1.8GHz
7. Operating memory: 2GB
8. Storage memory: 16GB
9. Support external expansion memory card: 32G (TF card)
10. Cooling method: air cooling

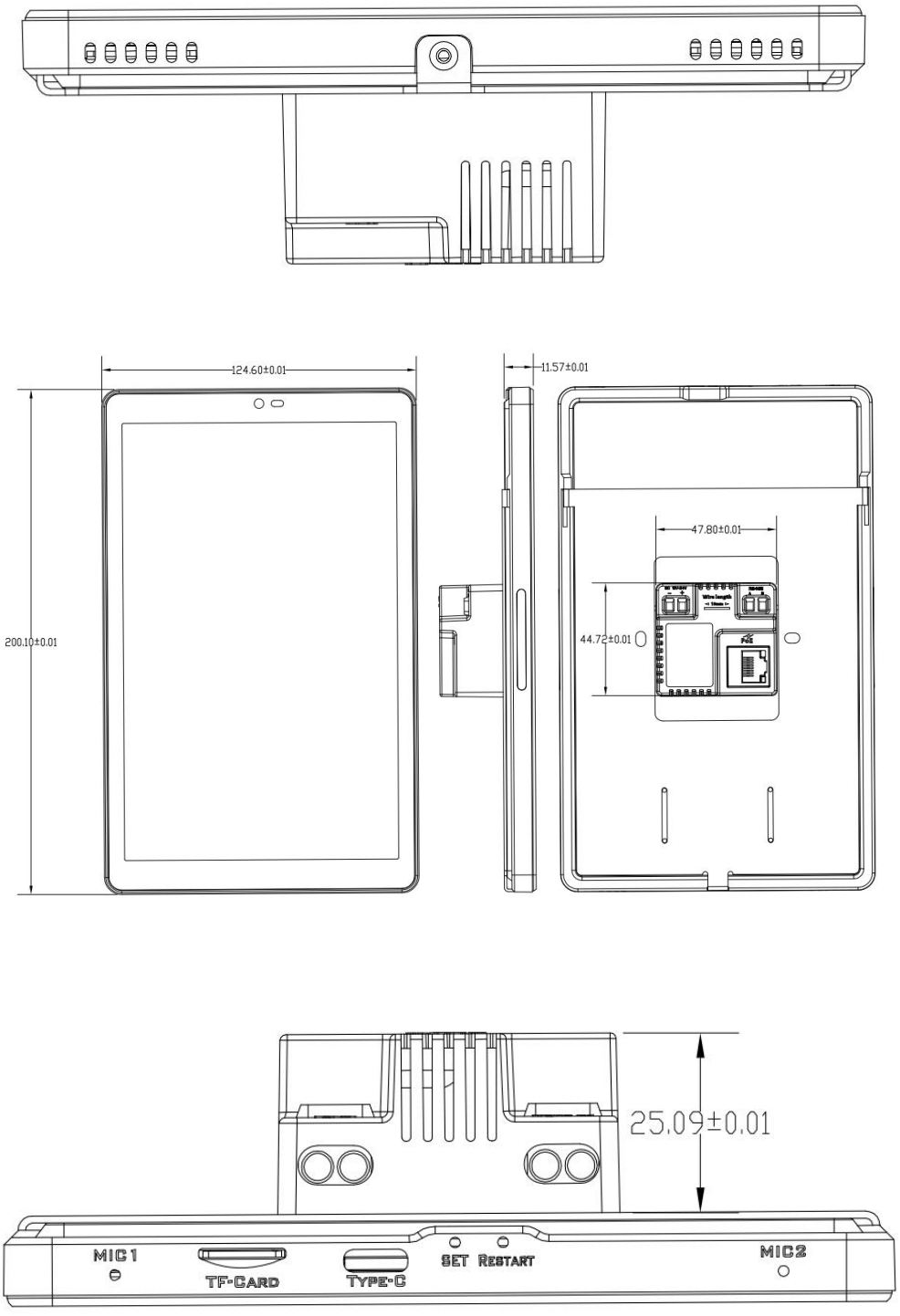
No.	Item	SPEC
1	CPU	RK3566 Quad-Core ARM Cortex-A55， up to 1.8GHz
2	O/S	Android 11
3	DRAM	2GB
4	Memory	16GB
5	LCD	8 inch
6	LCD Resolution	800*1280
7	Touch screen	Capacitive touch panel
8	WiFi	802.11b/g/n
9	Ethernet	10M/100M Ethernet
10	Bluetooth	Bluetooth 4.0
11	TF Card	Support
12	RS485	RS485*1
13	POE	IEEE 802.3 at/af
14	AUX	Support
15	Audio format	MP2,MP3,AAC etc.
16	Power suply	DC 12V , 50HZ
17	Interfaces	Type C,TF card ,Mic*2 ,Speaker,RJ45 ,RS485,DC 12V
18	Product Dimension	200.10mm*124.6mm*37.7mm
19	Installation method	in wall & embedded 86 box
20	Power consumption	2x10W MAX
21	Install box Dimension	47.8 (length) x 44.72 (width) x25.09 (depth) mm
22	Video/Audio format	MP3、WAV、WMA、FLAC、DTS、APE、AC3、OGG

4.Product Interface diagram



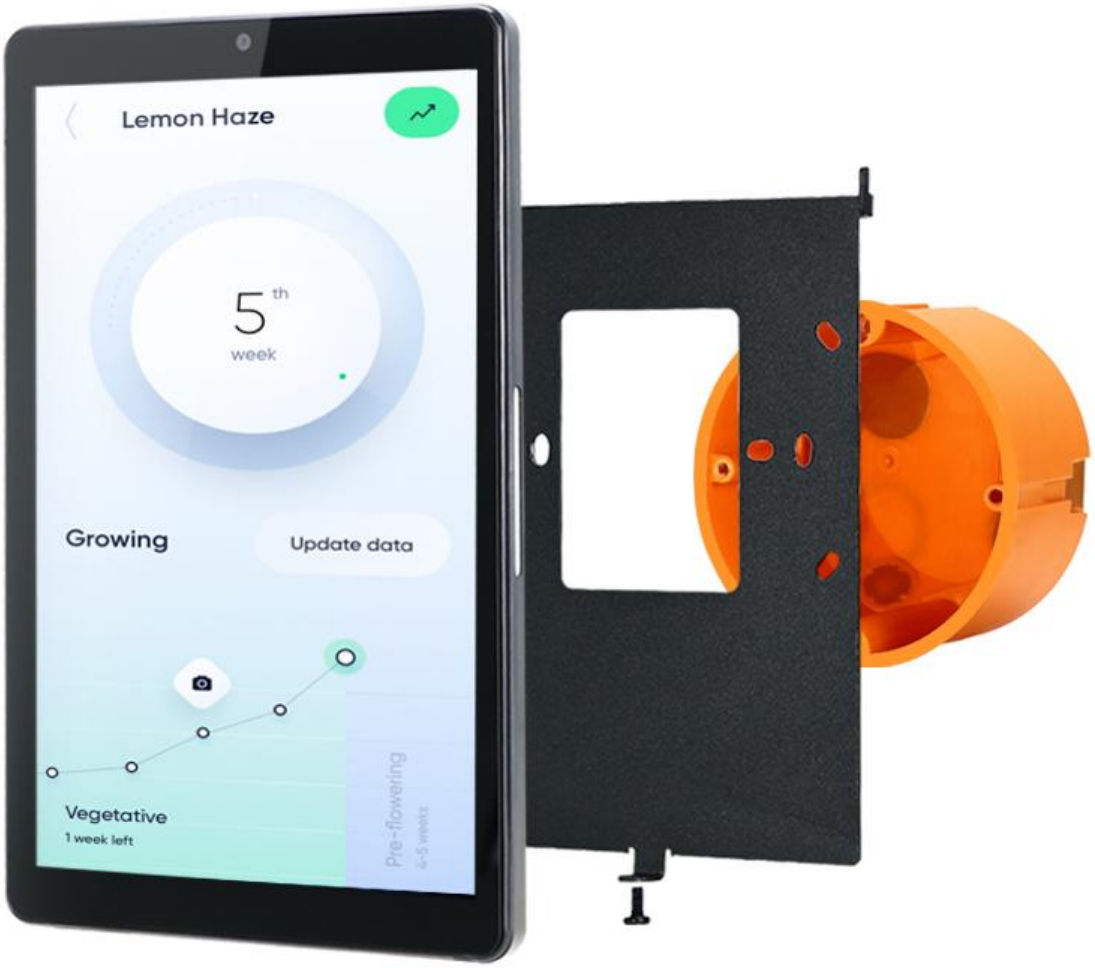


Dimension and Drawings



5.Install Instructions

In Wall-mount on European single-gang switch box



In Wall-mount on US standard single gang electrical box



In Wall-mount on International standard 86 electrical box



6.Package and Accessories

Please make sure all of the following are present when you unpack your Android Tablets.



7.Problem and solution

Not turn on

1.Check whether the power cord is installed correctly.

2. Check whether the power switch is turned on.

3.Check POE is standard 48V or not .

No sound

1.Check if mute is set.

T card/U disk playback is abnormal

1. Can not be read, replace the T card/U disk to read again.

2. Check if the song format is correct.

Cannot connect to Bluetooth

1. Whether the host is connected to other devices.

2. Whether the mobile phone is enabled to search for Bluetooth devices.

Dead

1. Turn off the power switch and restart.

NOTE: 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.

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

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

RF Exposure Warning Statements:

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