Product specification

1.Product model:

Model	F8 Multi function combined central control screen

2. Product appearance size and color description

Product name	F8 Multi function combined central control screen				
Length	250mm	Width	133mm	Height	**10MM**
Weight	0.4KG	Opening size of wire box	80*80*60mm	Colour	Black
Appearance and color					

3. Specifications

Characteristic	Double 86 bottom shell, combined use, central control, background music	
Voice	Spitzer 4 MIC remote wake-up, 10~12m 4 MIC Hello, Xiao Zhi.	
	Support to modify wake-up words (customization).	
Content	Content: support voice on-demand Migu music, children's education, crosstalk, sketches, dramas, historical stories, fairy tales and fables, children's enlightenment, allegorical sayings, brain twisters, poetry, idiom duels, translation, stock query, soul chicken soup, food nutrition, recipe query, mathematical operations, alarm clock.	
Education content	The content of children's enlightenment education at the age of 1-3, children, stories, traditional Chinese studies, common sense pre-school, tutoring content of famous teachers from grade one to junior high school, supports remote control and selective viewing.	
APP on-demand	Support exclusive APP binding, on-demand music, children's education content, and control devices.	
Smart Home	Tuya IOT	
Scene music	Select and play different music according to different scenes.	
Background switch	Customize the background switch and style switch.	
Scheduled restart	support	Set host restart and shutdown time
Play music regularly	support	Support multiple timed music playing, and select appropriate volume and music.
System	operating system	Android 8.1 system
	CPU model	Quad core Cortex-A35
	CPU frequency	1.5GHZ
	CPU	Quad core
Screen	Screen size	8 inches
	Resolving power	1280*800

Product specification

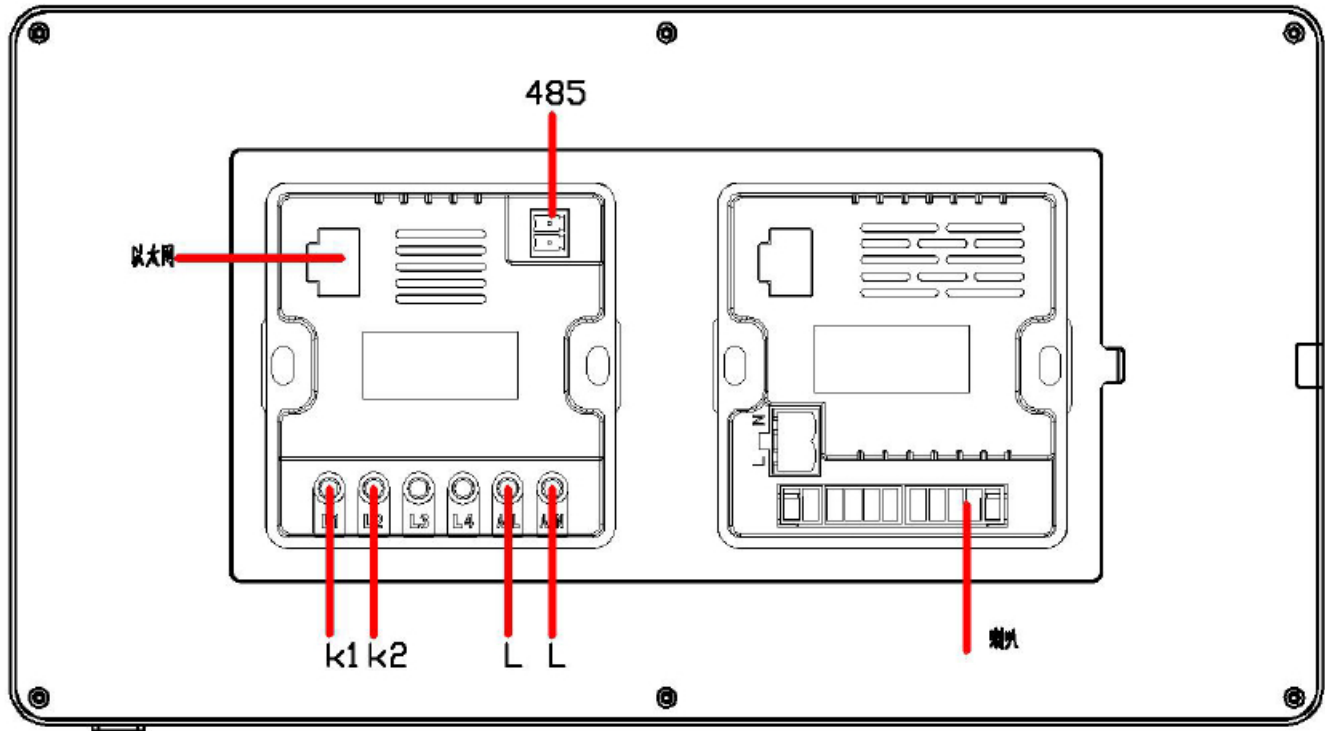| Screen	Material Science	IPS (full view)
	touch screen	Multi touch capacitive screen
Storage	Memory	2GB
	Expand TF card memory	8GB
	USB	2.0 interface, can read 32G
Network	Wired network port	Not Supported
	WIFI	Support
An amplifier	Output power	2 * (10-25W) (TI digital attack and release)
	Output impedance	4-8Ω
	Total harmonic distortion	0.03%（1W.1KHZ)
	Frequency response	20Hz-20KHz
	Audio Signal to Noise Ratio	98db
Bluetooth	Edition	4.0
IOT	Tuya ZigBee	
	Lights, sockets, air conditioners, scenes, groups, visual doorbells, curtains.	
relay	2 gang light control,<200W.	
Horn	1W small horn	
Audio format	MP3，WAV,WMA,FLAC,APE,,ACC,AC3，OGG Equal audio format.	
Video format	MPEG-1/2/3/4，RM/RMVB,WMV,MOV,MK,VOB,AVI,3GP,H,264 Equal audio format.	
Power input	AC110-250V	
Audio input	AUX, 1 gang	
Audio output	1 gang	

4. Description of other functions

1. Mobile phone APP control, voice intercom, broadcast, APP push content.

2. Support voice wake-up, playing music, stories, children's songs, telling jokes, checking weather, checking flights, and smart home control.

3. Bluetooth playback. The host can control the Bluetooth playback device to switch music.

4. Play music at regular intervals, power on songs at regular intervals, and play specified music at regular intervals.

5. Support external devices to control the local computer through 485.

6. Local, TF card, USB flash disk, Bluetooth, playing music.

7.485: support two-way 485 control.

8. SDK is open and connected with smart home.

5. Installation wiring diagram

Host wiring diagram

Product specification

6. Packaging

Standard accessories	
Manual * 1, warranty card * 1	Wire box * 1, mounting bracket * 1, mounting screw * 1

Packing					
Single package	color box	Size		Weight	
Outer box	sets/CTN 10	Size		Weight	