



# Motorized Paperless Interactive Monitor Lift TS-FE156ZMT3

Embedded software: paperless conference terminal client software V3.045



## Description

It combines intelligent paperless lift and the array microphone. Seamless and no backplane connection, high-end and elegant appearance. With a paperless conference terminal, it can display the pattern needed for the meeting. When you need to speak, you can turn on the array microphone to speak, which perfectly realizes the interactive paperless powerful conference function.

## Feature

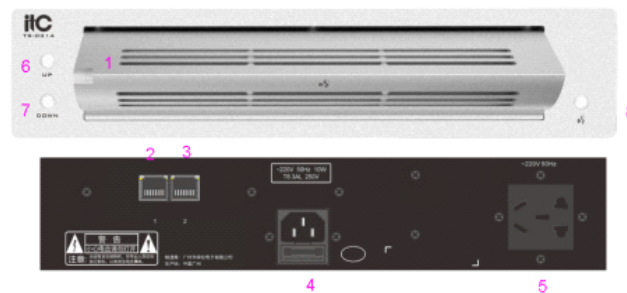
- \* It adopts a dual-screen paperless desktop, with an 11.6-inch auxiliary screen on the back. Seamless and no backplane connection, high-end and elegant appearance. With a paperless conference terminal, it can display the meeting pattern and guest name, which perfectly realizes the interactive paperless powerful conference function.
- \* Equipment uses all-aluminum structure, high-quality aluminum with CNC carved processing, display frame and cabinet are made of aluminum alloy, to make equipment refined, lightweight, beautiful and elegant.
- \* The surface is anodized with bright color.
- \* Panel with the thickness of only 3mm, the width of only 130mm and small footprint. It is two-thirds lighter than traditional lifts, which reduces transportation costs and pressure on the conference table.
- \* The lifting structure is specially treated to minimize the noise. It works with high-precision guide rails and linear bearings, and AC geared motors are used as driving power; the central control protocol is compatible with all controllers. When the lifting UP/DOWN is finished, the screen automatically powers ON/OFF, which conserves resources and protects the environment.
- \* Support HDMI and VGA two channel signal inputs. When there is only one signal input, the screen will automatically recognize this signal. When these two signals input at the same time, they can be manually switched from panel key. When no signal inputs, the screen will automatically enter into power saving mode.
- \* It can be centrally controlled through central control software, can be controlled by the host computer, one key can make all devices in the room up or down.
- \* The microphone uses a 48KHz sampling rate, which is higher than the CD sound quality, clear and bright sound, without the low-frequency impact sound;
- \* The delegate unit has the function of timing speaking and timed speaking, the chairman unit has the function of timed speaking, and the speaking time is not limited;
- \* The delegate unit has the function of applying for speech, and the application can be approved through the chairman unit with a screen or with the "3" key, or through the PC software;
- \* There is a 5-stage EQ adjustment function, which can adjust different sound effects according to the voice characteristics of the speaker until the perfect effect is achieved;
- \* The chairman unit has a priority function, which can turn off all representative microphones that are speaking.
- \* Use 100M network transmission to realize hand-in-hand cascade, long-distance transmission will not have any impact on sound quality;
- \* No gooseneck microphone pickup, the array pickup distance can reach 60cm. Good directivity, cystic pickup area, effectively control the surrounding noise pickup;
- \* Electric flip structure, which can be up when speaking, and down when not speaking. The turning can be controlled by buttons or unified management by the host and PC software.



### Specification

Home screenPower supply	Support touch
Power supply	AC 220 50-60/HZ
Lift time	28S
Elevation angle	30
Product Size	430*130*565mm
Cabinet size	415*126*562mm
Panel size	430*130*3mm
Desktop opening size	417*127mm (recommended to open hole according to the actual product)
Panel sink size	431*131*3mm ( L*W*T ) (recommended to open hole according to the actual product)
Environmental conditions	-20°C ~ 50°C Humidity≤70%
Main screen size	15.6 inches
Main screen ratio	16 : 9
Main screen resolution	1920*1080
Video interface	VGA、HDMI
Video switching	VGA、HDMI (switch manually)
Main screen contrast	500 : 1
Home screen brightness	220cd/m <sup>2</sup>
Viewing angle	45/45/20/40 (Typ.)(CR≥10)
Display thickness	9.7mm
Power consumption	20W
Signal system	EDP
Weight	Gross weight: 11.5Kg Net weight: 10.6Kg

### Array Microphone



### Feature

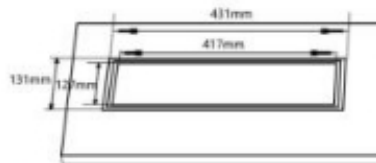
1. Microphone status indicator;
2. Connect the port of the previous conference unit;
3. Connect the port of the next conference unit;
4. 220V power input port of AC power supply;
5. AC power source 220V power output port;
6. UP——turn up the microphone button;
7. DOWN——the microphone down button;
8. ON/OFF——On/off button on behalf of the unit MIC microphone;



### Array microphone Specification

Microphone type	ECM array wired microphone
Number of microphone cores	13
Frequency response	80Hz~16KHz
Microphone input impedance	200Ω
Sensitivity	-30dB ( 0dB=1V/pa , @1kHz )
Signal to noise ratio	>80dB(A)
Dynamic Range	>80dB
Maximum SPL	112dB ( THD≤0.5% , @1KHz)
THD	<0.1%
Directivity	Corridor type
Connector	IEC60914
Power supply	Network port
Sign-in function	Host power supply, AC power supply 220V power supply Key sign in

### Product opening size drawing



- Hole size**, recommended to open hole according to the actual product:
  - Desktop hole size: 417\*127mm (2mm larger than the actual product, recommended to open hole according to the actual product)
  - Panel sinking size: 431\*131\*3mm (L\*W\*T) (1mm larger than the actual product, recommended to open hole according to the actual product)
- Install it on the desktop**, the suggestions are as follows:
  - The interval between lifters is 400mm;
  - The distance from the edge of the table is 350mm;
  - The distance can be adjusted appropriately according to the actual needs of the site.