Interactive Intelligent Touch Screen

TV-86820

Description

The interactive intelligent flat panel integrates functional modules such as presentation, writing, interaction and sharing to easily create a simple paperless conference/teaching scenario and realize an efficient and harmonious conference/teaching mode.

Feature

* 86-inch LED screen, 4K UHD display, narrow frame design, and a front USB port that supports switching with the channels to realize USB multimedia file playback function.
* Built-in Android operating system, optional ultra-thin plug-in PC module.
* Support 20-point touch control on the PC terminal and 10-point touch on the Android terminal; fast touch response speed, high writing and presentation fluency.
* Support the touch control of the signal source, volume and other menu operation under the display state of each signal source.
* Support anti-light interference: it can be used as usual under direct sunlight.
* Support the smart wake-up function of HDMI signal input in standby state; support HDMI 4K 60Hz.

* Support touch menu functions, including return button, menu operation, task preview, channel switching, volume adjustment, shortcut whiteboard, etc.
* Support the handwritten annotation function of any channel.
* Support channel memory function; it will enter the homepage by default after power on, and support custom channel naming function.
* Support WiFi dual frequency 2.4G/5G; support one-key black screen function.
* Support wired network connection (Android, PC).
* Support wireless screen sharing to transmit computer/laptop signals to the interactive flat panel for display; support the simultaneous reception and display of four signals on the same interactive screen.
* Built-in 1300W HD camera and 8 array microphones, the pickup distance can reach 8 meters.
* Support screen recording, electronic whiteboard, and handwritten annotation function, meeting various application requirements for training and teaching.
* With a timer widget, it supports timekeeping function.

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Specification

Model	TV-86820
Processor	Dual-core A73, Dual-core A53 1.5GHz
System version	Android 8.0
RAM	4GB
Storage	32GB
Screen type	LED display
Screen size	86 inches (16:9)
Screen display size	1895(H)×1065.9(V)mm
Physical resolution	3840(H)×2160(V)
Pixel pitch	0.4395×0.4395 mm
Color gamut NTSC (Typ)	72%
Response time	15ms
Refresh rate	60Hz
Chromaticity	1.07B (10bit)
Brightness	300cd/㎡
Contrast	5000:1
Viewing angle	178°(H/V)
Backlight lifespan	≥50000h
Audio channel	2.0
Speaker	2×10W@ 8Ω
Camera pixel	≥1300W
Number of camera	1
Camera field angle	101°
Microphone pickup distance	≥8m
Number of microphone	8
Input port	RJ45 OUT (wired network) port: 1 group; RJ45 IN (wired network) port: 1 group; COAX/OPTICA port: 1 group; Mini av IN port: 1 group; Mini YPBPR port: 1 group; MIC IN port: 1 Group; VGA port: 1 group; VGA audio port: 1 group; HDMI port: 3 group (front 1 group); USB3.0 port: 2 group (front 1 group); USB2.0 port: 3 group (front 1 group)
Output port	TOUCH port: 2*USB 2.0 B, 1*USB 2.0 A; Earphone /Line OUT port: 1 group; HDMI output: 1 group
Communication port	RS232 port: 1 group
Touch embedding method	Built-in all-in-one, non-external design
Touch sensing technology	Infrared induction recognition touch technology: PC: 20 points / Android: 10 points
Writing method	Fingers, stylus or non-transparent objects larger than 5mm in diameter (multi-touch 8mm)
Writing height	3.5mm
Screen surface hardness	7H
Output coordinate	32767(W)×32767(D)
WiFi	Version: 802.11 a/b/g/n/ac; Working frequency band: 2.4G/5G; Working distance: 12m
Power supply	100-240V~50/60Hz input
Standard power consumption	≤325W
Standby power consumption	≤0.5W
Working temperature	0℃ ~ 40℃
Working humidity	≤80%RH
Overall size (L×W×T)	1950.8*1145.5*91mm
Package size (L×T×H)	2068*1276mm*245mm
Weight	Net weight: 72kg; Gross weight: 84kg