Interactive intelligent TV

TV-70810

Production Introduction

The interactive TV integrates application function modules such as presentation, writing, interaction, sharing and etc., to create a simple paperless meeting/teaching scene, and to easily realize efficient, convenient and harmonious meeting/teaching methods.

Features

* Adopt Android 5.0 embedded system, support wired TV playback function; Built-in OPS computer display function;USB multimedia file playback function.
* Support 10-point touch on PC and android; Support touch operation picture zoom in, zoom out, rotation and so on; Touch function is available after signal source switched.
* Support to operate the menu of signal source, volume and others by touching under the display state of signal sources.
* Support sleep timing and shutdown memory function; support remote control shortcut keys, realize F1~F12 and other button functions.
* Support light sense recognition, realize automatically adjust the brightness of the screen in different environments.
* Support touch menu, realize back button, menu operation, task preview, channel switching, volume adjustment, shortcut whiteboard operation and etc.
* Support to click any signal source on the main page of the system, and support the one-button child lock function of the remote control.
* Support wireless wifi and wired LAN, support front-button one-button switch computer, TV, and one button to switch home page function.
* Support embedded HD camera to take photos and videos recording (optional support is required).
* The front panel built-in VGA, Audio, HDMI, USB2.0, USB3.0 and touch interface, convenient for users to use.
* Support wireless screen transmission, transmit computer/laptop signals to interactive TV for display, support simultaneous reception of four signals on the same interactive TV.
* Support recording function, electronic whiteboard and handwritten annotation function to meet various application requirements of training teaching.
* Support timing function, with timer widget, can control the time at any time.
* Built-in rich interface template, can directly preview and modify the template style, provide a signature welcome wall.

Specifications

Model	TV-70810
Processor	CORTEX A53 4-core 1.4GHz
System	Android 5.0 Embedded System
Storage	DDR3 2G
Storage space	32GB
External Storage	SD card max 128GB;USB3.0 max 1TB
Display Size	70 inch(16:9)
Screen type	LED display
Screen display size	1539.9 mm x 866.8mm
Physical resolution	1920(H)×1080(V)(Full HD)
Display color	10bit, 1.07B
Refresh Rate	60Hz
Brightness	350cd/m²
Contrast	5000:1
View Angle (degree)	178°
Display Screen protection	4mm All toughened high explosive glass
Backlightlamp life	80000 hours
NTSC	PAL/SECAM/NTSC(Option)
Sound format	BG /DK /I/L
Channel storage	200 channels
Decode	3D digital comb filter, 3D image motion noise reduction, 3D motion adaptive comb filter and etc
Speaker specification	15W /8Ohms× 2 Subwoofer speaker
Audio features	Balance, automatic volume control, surround sound, equalizer

Specification

Input port	Av：1 group
	RF：1group
	VGA：2groups（front 1 group）
	Audio：2groups（front 1 group）
	MIC：1group
	Component：1group（3-in-1 port）
	LAN：1group
	TF card：1group
	TOUCH PORT：2groups（front 1 group）
	HDMI：3 groups（front 1 group）
	USB2.0：1 group（front 1 group）
	USB3.0：3 groups（front 1 group only supports OPS computer to use）
Output port	Coaxial：1 group
	AV：1 group（3 in 1 port）
	Earphone：1 group
	VGA：1 group
	LAN：1 group
Communication port	RS232：1 group
Touch embedding type	Built-in integrated type, non-external type
Touch sensing technology	Infrared sensor recognition touch technology（10-poin）
Writing type	Fingers, touch pens or other non-transparent objects with a diameter of not less than 6mm (multi-point 8mm)
Cursor speed	120 dot/s
Positioning Accuracy	More than 90% of the touch area is ±2mm
Communication Interface	B type USB female head
Touch resolution	32767*32767
Touch number	No limited
Computer response	Automatic system identification≤15ms
Driver	No driver