



84" IP Touch LED TV

IP Touch Series



BRING GREAT INTERACTIVITY TO THE WORLD

Overview

IPTOUCH® series is an all-in-one interactive solution with attractive and simple design. Combining the multi-touch capabilities of IPTOUCH with infrared sensing technology, the IPTOUCH series supports for natural touch gestures, which making collaboration, training and lessons a visual, engaging and interactive experience and elevating the way your teams collaborate to develop ideas, visualize strategies, solve problems and make decisions.

Business



Education



Government



Product Specifications



General Specifications

Items	Specifications
Model	T84LED
Technology	Infrared Sensing
Display Area	1904(H)×1096(V)mm
Outline Dimension	2136(H)×1286(V)×125(D)mm
Built-in PC (Optional)	I3/2G/500G

Driver Board Specifications

Chip Set	MST6M48RHS		
OSD Language	Chinese, English		
Screen	Panel Type	LED, PDP	
	Interface	Dual/ Single LVDS Interface (Max: 10 bit)	
	Max Resolution	1920×1080	
Video Input	TV	Recepting Range	55.25MHz ~ 863.25MHz
		Input Impedance	75Ω
		Video System	PAL/SECAM/NTSC
		Audio System	B/G, D/K, I, M
		Max Storage Channels	200CH
	PC-RGB	Format	Up to SXGA@75Hz
	HDMI	480i, 480p, 57i, 576p, 720p, 1080i, 1080p	
	YPbPr	480i, 480p, 57i, 576p, 720p, 1080i, 1080p	
	S-Video	S-Y: 0.714 V _{p,p} ±5%, S-C: 0.286 V _{p,p} ±5%	
	CVBS	Video System	PAL/SECAM/NTSC
		Video Signal Magnitude	1.0 V _{p,p} ±5%
Audio Input	PC Audio	Earphone Input	0.2~2.0 V _{RMS}
	S-Video	Left/ Right Channel	0.2~2.0 V _{RMS}

Product Specifications



	CVBS	Audio Terminal Input	
	YPbPr		
Audio Output	Frequency Response	100Hz ~ 15KHz@±3dB(1KHz, 0dB for Reference Signal)	
	Max Output Power	2×10W (8ΩTHD + N < 10% @ 1KHz (Supply Power Voltage: 24V, Audio Input: 0.5 V _{RMS})	
Power	Input Voltage	24V/12V/5V/5VSB	
	Flooding Screen Voltage	5V,12V	
	Power Management	Stand-by Power Consumption < 0.5W (Board Only)	
Comb Filtering Function	3D		
Release Interleave Function	3D		
Weak Signal Enhanced Function	Yes		
De-noise Function	Yes		
Extended Function	DVD, External USB, External HDMI, External AV Input		
USB Function	For Multimedia Play and Software Upgrade		

Key Function	Menu, Ch+, Ch-, Vol-, Vol+, Signal Source, Power		
Terminals	Input	TV	1 IEC Connector
		USB	1 USB Port (A Type)
		HDMI	2 HDMI Terminal (A Type)
		PC-RGB	1 D-Sub Terminal(Blue, 15Pin)
		PC-RGB Audio	1 Earphone Terminal (Black)
		YPbPr	2×3 RCA Terminal (Green, Blue, Red)
		YPbPr1	1 RCA Terminal (Red, White)

Product Specifications



		S-Video	1 S-Video Terminal (Black)
		CVBS	1 RCA Terminal (Yellow)
		YPbPr2	2 RCA Terminal (Red, White)
		S-Video	
		CVBS	
	Output	AV CVBS Output	1 RCA Terminal (Yellow)
		AV Audio Output	2 RCA Terminal (Red, White)
		Earphone Output	1 (Black)
		Coaxial Output (Optional)	1 RCA Terminal (Orange)

TFT-LED Screen Specifications

Items	Specifications
Driver	a-Si TFT active matrix
Active Screen Size	84 inches diagonal
Pixel Pitch	0.4845 mm x 0.4845 mm
Resolution	3840×2160
Pixel Format	RGB stripe arrangement
Color Depth	10bit(D), 1.06Billion colors
Luminance	450 cd/m ²
Viewing Angle	178/178
Power Consumption	Total 412W(TBD)(Typ.)
Display Mode	Transmissive mode, Normally black
Surface Treatment	Hard coating(2H), Anti-glare treatment of the front polarizer (Haze <1%)
Life Time	50,000 hours
RoHS	RoHS Compliance

Product Specifications



Infrared Touch Overlay Specifications

Items	Specifications
Frame Material	Polycarbonate(The four corners are metal)
Appearance Color	Fuchsia
Glass Type	Tempered glass
Interpolation Resolution	32767×32767
Response Speed	≤25ms
Touch Accuracy	More than 90% of the touch area is ± 2mm
Input Mode	Finger, touch pen or any other opaque objects
Output Mode	Coordinate Output
Touch Durability	Unlimited
Minimum Discernible Object	5mm
Interface Type	USB(Type A)
Scanning Frequency	200Hz
Communication Type	USB2.0 full speed
Transmission Speed	12Mbps
Power Supply	USB power supply
Supply Voltage	DC+5V±5%
Working Current	<200mA
Temperature Range	Operating Temperature: -10 ℃ ~ 50 ℃
	Storage Temperature: -20 ℃ ~ 60 ℃
Relative Humidity	Operating Humidity: 10% ~ 85% RH, non-condensing
	Storage Humidity: 10% ~ 90% RH, non-condensing
Electrostatic Level	According to EN 6100-4-2 2008: level 3. Contact discharge 4KV, air discharge 8KV.
Anti-glare	Yes

Product Specifications



Firmware Upgrade	Windows 7 and Windows XP support USB upgrade
Touch Type	4-point touch /Multi-touch gesture recognition
Operating System	Windows XP/ Windows 7

Installation Options



Mobile Stand 1



Mobile Stand 2



Fixed Base



Wall Mount