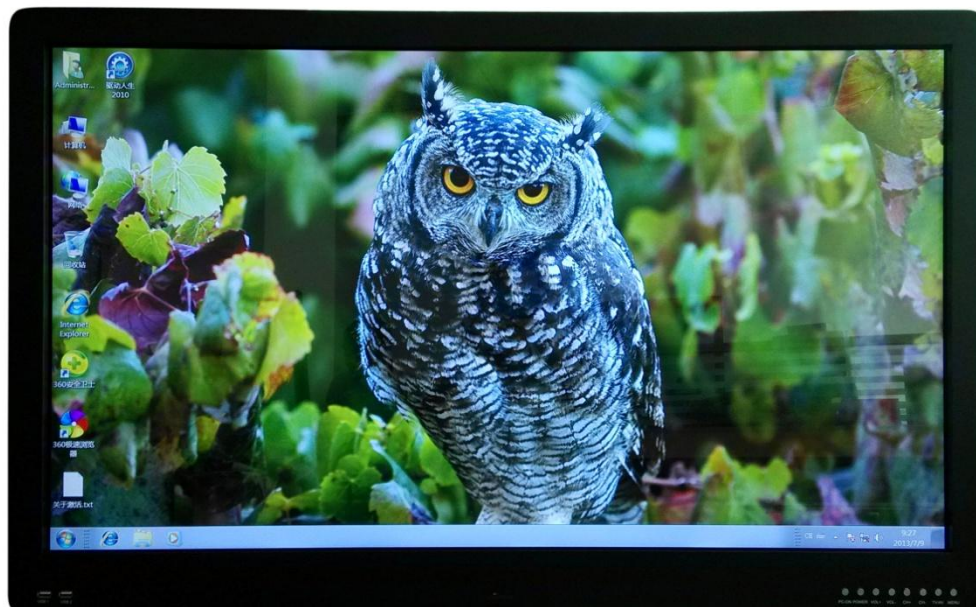




## 42" Interactive Touch Panel

Touch Series

### Product Picture



## BRING GREAT INTERACTIVITY TO THE WORLD

### Overview

IPBOARD® interactive touch panel is an all-in-one interactive solution with attractive and simple design. Combining the multi-touch capabilities of IPBOARD with infrared sensing technology, the touch panel 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	T42LE(IR)
Backlight	LED
Touch Technology	Infrared
Display Ratio	16:9
Contrast	5000:1
Resolution	1920×1080
Display Area (mm)	930(H)×523(V)
Outline Dimension (mm)	1007(H)×626(V)×90(D)
Built-in PC (Optional)	I3/2G/500G
Touch Type	2-point touch /Multi-touch gesture recognition
Operating System	Windows 2000 / XP / Vista / 7 / 8, Mac, Linux

## Control Board Specifications

Items	Specifications		
OSD Language	Chinese, English etc.		
Panel	Panel Type	LED	
	Interface	Dual/ Single LVDS Interface	
	Max Resolution	1920×1080	
Video Input	TV	Receiving Range	48.25MHz ~ 863.25MHz
		Input Impedance	75Ω
		Video System	PAL/SECAM
		Audio System	B/G, D/K, I
			NICAM/A2(Optional)
		TELETEXT(Optional)	1000Pages
		Max Storage Channels	199CH
	PC-RGB	Format	Up to

# Product Specifications



			1920×1080@60Hz
	HDMI	480i, 480p, 576i, 576p, 720p, 1080i, 1080p	
	YPbPr	480i, 480p, 576i, 576p, 720p, 1080i, 1080p	
	CVBS	Video System	PAL/SECAM/NTSC
		Video Signal Level	1.0 V <sub>p,p</sub> ±5%
Audio Input	PC Audio	Earphone Input	0.2~2.0 V <sub>RMS</sub>
	CVBS Audio	L/R RCA Input	0.2~2.0 V <sub>RMS</sub>
	YPbPr		
Video Output	CVBS	Video System	PAL/SECAM/NTSC
		Video Signal Level	1.0 V <sub>p,p</sub> ±5%
Audio Output	CVBS Audio	L/R RCA Input	0.2~2.0 V <sub>RMS</sub>
	Frequency Response	100Hz ~ 15KHz@±3dB(500mV Reference Signal)	
	Max Output Power	2×9W(8Ω )	
Power	Input Voltage	24V/12V/5V/5VSB	
	To Panel	5V,12V	
	Power Management	Standby Power Consumption < 0.5W (Board Only)	
Key Function	INPUT, CH+, CH-, VOL+, VOL-, MENU, POWER		
Weak Signal Enhanced Function	Yes		
De-noise Function	Yes		
Extended Function	DVD, External USB In, External HDMI In		
USB Function	For Multimedia Playing and Software Upgrading		

# Product Specifications



## Screen Specifications

Items	Specifications
Driver Element	a-Si TFT active matrix
Active Screen Size	42 inches diagonal
Pixel Pitch (mm)	0.4845
Resolution	1920 (H) × 1080 (V)
Pixel Format	R, G, B vertical stripe
Color Depth	8bit
Luminance	Typ. 350 cd/m <sup>2</sup>
Viewing Angle	178/178
Display Mode	Normally black
Surface Treatment	Anti glare Hard coating: 3H
Life Time	60,000 hours
RoHS	RoHS Compliance

## Infrared Touch Overlay Specifications

Items	Specifications
Frame Material	Aluminum alloy
Glass Type	Tempered glass(Thickness: 4mm)
Interpolation Resolution	32767×32767
Response Speed	<8ms
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

# Product Specifications



<b>Interface Type</b>	USB
<b>Scanning Frequency</b>	200Hz
<b>Transmission Speed</b>	12Mbps
<b>Power Supply</b>	USB power supply
<b>Supply Voltage</b>	DC+5V±5%
<b>Working Current</b>	<200mA
<b>Temperature Range</b>	Operating Temperature: -10 °C ~ 50 °C
	Storage Temperature: -20 °C ~ 60 °C
<b>Relative Humidity</b>	Operating Humidity: 10% ~ 85% RH, non-condensing
	Storage Humidity: 10% ~ 90% RH, non-condensing
<b>ESD</b>	According to EN 6100-4-2 2008: level 3. Contact discharge 4KV, air discharge 8KV.
<b>Anti-glare</b>	Yes
<b>Firmware Upgrade</b>	Windows 7 and Windows XP support USB upgrade

## Installation Options



Mobile Stand 1



Mobile Stand 2



Fixed Base



Wall Mount