INTERACTIVE FLAT PANEL
（**Educational** ）
T65"~T110" Omni-S/S-N/C/C-N

◥ INTRODUCTION

Interactive flat panel displays combine the power of high resolution displays with the versatility of touch interaction, with advanced connectivity options, including wireless screen sharing, for a variety of scenarios from classrooms to conference rooms, and high-resolution displays. Interactive flat panel display is a very important part in educational institutions. At the heart of interactive flat panel is a large touch display. Teachers can achieve seamless collaboration by easily sharing and displaying content from different sources, whether it is for presentations or Conduct classroom interactive sessions. Which has the functions of writing, annotation, painting, synchronous interaction, multimedia entertainment, network conference integration

◥ FEATURES

- Zero bonding technology, low parallax writing, wider viewing angle
- 4mm anti-glare tempered glass with high haze OC, anti-ambient light interference, clearer display
- Support light sensor to adjust the brightness, support DC dimming (no strobe), display more eye protection
- Equipped with 4K Ultra HD display, supporting full-channel 4K UI display
- 2 front USB3.0 + 2 on-board USB3.0, support switch with channel
- Support Screen Mirroring
- ±1mm high precision infrared touch, smooth writing
- Support dual pens with different color displays, which makes teamwork easier
- Supports Wi-Fi6, dual-band 2.4G/5G, AP+STA operating mode
- Support HDMI/VGA/RS232 channel & network signal
- Support one network, Android and OPS are gigabit network
- Support network & wireless projection sharing
- Friendly and efficient UI design
- The split screen feature allows for the display of multiple sources of information on the same screen
- Eye protection, lock screen, touch lock and other widgets
- 48 million high-definition camera and eight array microphones
- Support NFC function (lock screen and unlock or account login to the specified APP)

IFP

iSEMC

↘ FEATURES

4K UHD display

4K screen display brings fine and stable image enjoyment, builds up perfect visual experience.
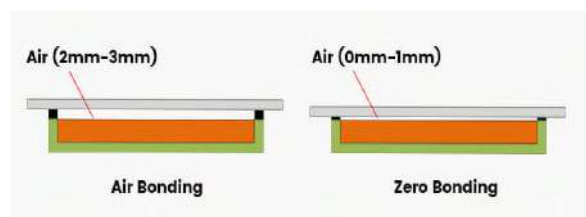

Whiteboard Software

Whiteboard is a multi-functional writing application that helps teachers and students communicate and connect efficiently, brings a relaxed and enjoyable experience, and improves team efficiency.

Zero Bonding Technology

Supporting 1mm precision writing and 40 points touch. High-precision and delicate touch experience, zero bonding technology providing a smoother writing experience.

Air (2mm-3mm)   Air (0mm-1mm)

Air Bonding   **Zero Bonding**

Eye Protection

The anti-blue light technology can reduce the irritation of blue light to the eyes and provide a more comfortable visual experience for students.

IFP

48 Million Pixels Built-in Camera

(Optional 13 Million Pixels & 48 Million Pixels)

The 48 Million Pixels camera captures very detailed and
clear images. It is able to capture more detail
so that the image remains sharp when zoomed in
or cropped, which can realize a real-time, face-to-face
meeting, online collaboration through IFP.

3mm Anti-glare Glass

High-strength anti-glare glass, long-term use can
significantly reduce the occurrence of scratches,
and regardless of the light environment in the
classroom, the picture is still bright and clear.

Wireless Projection

Using wireless projection technology, users can
share content between different devices, and can
display the content on the computer on the IFP large
screen in real time, which can improve teaching
efficiency.

NFC Function (Optional)

Support NFC function, teachers can use NFC
card to lock screen and unlock or account login to
the specified APP.

iSEMC

SPECIFICATIONS

Note: Txx means the size of screen

Product Model	TxxOmni-S	TxxOmni-S-N	TxxOmni-C	TxxOmni-C-N
Camera	N/A	N/A	T65-86Omni-C: 13 million pixels T98-110Omni-C: 48 million pixels	48 million pixels
Mic Quantity	N/A	N/A	6	8
Mic Pickup Distance	N/A	N/A	0~8 m	0~8 m
Function	N/A	N/A	Support echo cancellation, background noise suppression, gain compensation	
NFC Function	N/A	Support	N/A	Support
Surface Protection	4mm Toughened Glass			
Power Consumption	65 Inch: 350W		98 Inch: 550W	
	75 Inch: 400W		110 Inch: 720W / 850W	
	86 Inch: 450W		N/A	
Brightness	65-86 Inch: 350cd/m² 98 Inch: 400cd/m² 110 Inch: 450cd/m²			
Memory	4GB DDR4 /32G (8G/128G Optional)			
Resolution	3840x2160 pixels			
Response Time	6 ms			
Refreshing Frequency	T65-98Omni-C/C-N: 60Hz T110Omni-C/C-N: 120Hz			
Viewing Angle	178°(H) / 178°(V)			
Life Time	>50,000 hrs			
Color Gamut	72%			
Display Colors	1.07B(10bit)			
WiFi	2.4GHz/5GHz			
Power Requirements	100-240V AC，50/60Hz			
Audio Output Power	T65-86Omni-C/C-N: 2×16W T98-110Omni-C/C-N:2×16W+20W			
WI-FI Standard	802.11ac/b/g/n/ax			
Bluetooth	5.2 Version			
Sensing Type	Infrared Touch Frame			

Min. Object Size (mm)	2			
Touch Accuracy (mm)	±1			
Touch System	Windows 10/8/7,Windows XP,Linux,Mac OS X,Chrome,Android			
Infrared Touch	Maximum support 40 Points			
Contrast Ratio	65-86 Inch:1200:1 98 Inch: 1300:1 110 Inch: 1200:1			
OPS(Optional)	i5/8G/256G (Optional) i7/8G/256G (Optional)			

	T65-86Omni-S	T65-98Omni-S-N	T65-86Omni-C	T65-110Omni-C-N
Interface	HDMI IN x 2 HDMI OUT x 1 USB2.0 x 1 USB3.0 x 2 Touch x 1 SPDIF x 1 RS232 IN x 1 AUDIO IN x 1 AUDIO OUT x 1 VGA IN x 1 RJ45 IN x 1 RJ45 OUT x 1	HDMI IN x 2 HDMI OUT x 1 VGA IN x 1 DP IN x 1 Type-C x 1 USB2.0 x 1 USB3.0 x 2 Touch USB x 2 RS232 IN x 1 AUDIO IN x1 AUDIO OUT x 1 COAX OUT x 1 RJ45 IN x 1 RJ45 OUT x 1	HDMI IN x 2 HDMI OUT x 1 USB2.0 x 1 USB3.0 x 2 Touch x 1 SPDIF x 1 RS232 IN x 1 AUDIO IN x 1 AUDIO OUT x 1 VGA IN x 1 RJ45 IN x 1 RJ45 OUTx 1	HDMI IN x 2 HDMI OUT x 1 VGA IN x 1 DP IN x 1 Type-C x 1 USB2.0 x 1 USB3.0 x 2 Touch USB x 2 RS232 IN x 1 AUDIO IN x 1 AUDIO OUT x 1 COAX OUT x 1 RJ45 IN x 1 RJ45 OUT x 1
	T98-110Omni-S	**T110Omni-S-N**	**T98-110Omni-C**	
	HDMI IN x 2 HDMI OUT x 1 VGA IN x 1 DP IN x 1 Type-C x 1 USB2.0 x 1 USB3.0 x 2 Touch USB x 2 RS232 IN x 1 AUDIO IN x 1 Line OUT x 1 COAX OUT x 1 RJ45 IN x 1 RJ45 OUT x 1	N/A	HDMI IN x 2 HDMI OUT x 1 VGA IN x 1 DP IN x 1 Type-C x 1 USB2.0 x 1 USB3.0 x 2 Touch USB x 2 RS232 IN x 1 AUDIO IN x 1 AUDIO OUT x 1 COAX OUT x 1 RJ45 IN x 1 RJ45 OUT x 1	

Front Interface	USB 3.0 x 2 Type-C x 1 Touch OUT x 1 HDMI IN x 1	
VESA Hole Site (mm)	65 Inch: 500x400/ 600x400	98 Inch: 800x400 / 1000x400
	75 Inch: 600x400/ 800x400	110 Inch: 1000×400
	86 Inch: 800x400/ 800x600	N/A
View Area (mm)	65 Inch:1428×804	98 Inch: 2159×1214
	75 Inch:1650×928	110 Inch: 2439×1374
	86 Inch:1895×1066	N/A

Pixel Pitch (mm)	65 Inch: 0.372×0.372	98 Inch: 0.5622x0.5622
	75 Inch: 0.4296x0.4296	110 Inch: 0.6345x0.6345
	86 Inch: 0.4935×0.4935	N/A
Packge Size (mm)	65 Inch: 1630×220×1050	98 Inch: 2525×325×1700
	75 Inch: 1860×220×1160	110 Inch: 2635×300×1635
	86 Inch: 2120×220×1325	N/A

Product Model	TxxOmni-S	TxxOmni-S-N	TxxOmni-C	TxxOmni-C-N
Product Size (mm)	65 Inch: 1488.4×896.6×87.2	65 Inch: 1484.6×903.1×87.2	65 Inch: 1488×906×87	65 Inch: 1484.6×919.9×87.2
	75 Inch: 1709.0×1020.0×88.0	75 Inch: 1709.0×1020.0×88.0	75 Inch: 1709×1029×88	75 Inch: 1706.8×1044×87.2
	86 Inch: 1957.0×1169.0×88.0	86 Inch: 1952.96×1167.8×87.3	86 Inch: 1957×1169×88	86 Inch: 1953×1184.4×87.2
	98 Inch: 2216.8×1314.8×104.3	98 Inch: 2216.8×1314.8×104.3	98 Inch: 2216.80×1331.0×104.3	98 Inch: 2216.80×1331.0×104.3
	110 Inch: 2501.2×1478.3×97.15	N/A	110 Inch: 2500.4×1490.3×104.3	110 Inch :2500.4×1490.3×104.3
Net Weight (KG)	65 Inch: 34.95±1	65 Inch: 41.2±1	65 Inch: 36.85±1	65 Inch: 43±1
	75 Inch: 47.3±1	75 Inch: 47.3±1	75 Inch: 47.65±1	75 Inch: 52±1
	86 Inch: 61.65±1	86 Inch: 65.6±1	86 Inch: 61.65±1	86 Inch: 67±1
	98 Inch: 89.4±1	98 Inch: 89.4±1	98 Inch: 89.4±1	98 Inch: 89.4±1
	110 Inch: 112.75±1	N/A	110 Inch: 120±1	110 Inch: 120±1