

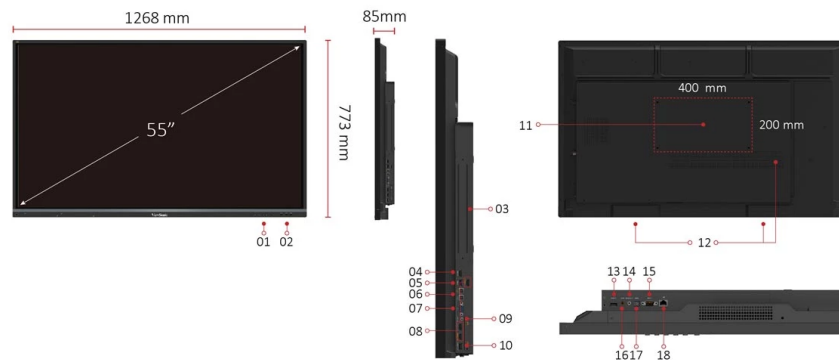
## Key Features

- Ultra fine touch technology enables real-time response dual-pen writing with a 3mm diameter pen tip
- 2.1 Stereo sound with a built-in woofer
- Built-in myViewBoard™ whiteboarding software to collaborate on the go
- 4-way split screen content sharing with built-in ViewBoard® Cast software
- SmartPort™ shared front USB ports for internal & external PCs



## Product Description

The ViewBoard® IFP50 series embraces ultra fine touch technology to offer fine precision writing. Along with slim IR touch and its optimized integration, the processing time is faster than traditional IR panels. Meanwhile, smooth dual-pen writing with our new, slim 3mm pens enables teachers and students to work efficiently on any detailed tasks that require the accurate use of fine tipped pens during group discussion. On top of that, the ViewBoard® IFP50 series is designed with a slim bezel to broaden your viewing experience, so that even at the edge you can write clearly and thinly. It is also well integrated with myViewBoard™ whiteboarding software to collaborate on the go, and further complimented by ViewBoard® Cast software for 4 way split screen content sharing.



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|------------------------------------|---------------------------------|-----------|
| 1. MENU CONTROLS                   | 8. HDMI IN X 2                  | 15. RS232 |
| 2. USB X 3                         | 9. AUDIO IN                     | 16. AV IN |
| 3. Intel Unite® Certified OPS Slot | 10. CAMERA PORT                 | 17. SPDIF |
| 4. HDMI OUT                        | 11. VESA® WALL Mount 400x200 mm | 18. LAN   |
| 5. USB 3.0                         | 12. INTERNAL SPEAKERS           |           |
| 6. TOUCH X 2                       | 13. USB 2.0                     |           |
| 7. VGA                             | 14. AUDIO OUT                   |           |

**DISPLAY**

Panel Size:	55"
Type/Tech:	TFT LCD Module with DLED Backlight.
Display Area (mm):	1209.6(H) x 680.4 (V) (54.64" diagonal)
Aspect Ratio:	16:9
Native Resolution:	UHD 3840x2160(Pixels)
Colours:	1.07B colours (10bit)
Brightness:	350 nits (typ.) 300 nits (min.)
Contrast Ratio:	5000:1 (DCR)
Response Time:	8ms
Viewing Angles:	H = 178, V = 178 typ.
Backlight Life:	30,000 Hours (Min)
Surface Treatment:	Anti-Glare
Bezel:	Slim
Orientation:	Landscape

**PLATFORM**

Processor:	ARM Cortex A73 dual-core 1.2GHz
RAM:	2GB DDR4
Storage:	16GB

**TOUCH**

Type/ Tech:	IR Recognition
Touch Resolution:	32767 x 32767
Touch Point:	20 points touch, 10 points writing

**INPUT**

HDMI:	2.0 x3 (3840x2160 @60Hz)
RGB / VGA:	x1
Audio:	x1 (PC audio in)
CVBS:	x1
RS232:	x1
OPS:	x1 PC Slot (proprietary)

**OUTPUT**

HDMI:	x1
Audio:	x1 (Earphone out)
SPDIF:	1(optical)
RS232:	x1

**LAN**

RJ45:	x1
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**USB**

Type A:	USB 2.0 x4(including 2 USB port in front) USB 3.0 x2(including 1 USB port in front)
Type B:	x2, for touch

**SPEAKERS**

SPEAKERS:	10W x 2 + 15W x 1
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**TOP CAMERA PLATE**

Yes	
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**COMPATIBILITY**

RGB PC/HDMI PC:	Refer to timing table
CVBS:	480i
HDMI:	3840x2160

**EMBEDDED OS**

Embedded OS:	Android 7
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**USB SUPPORTED FILE FORMAT**

USB SUPPORTED FILE FORMAT:	Picture - BMP, JPEG, PNG
	Video - Codec: MPEG1, MPEG2, MPEG2-PS, MPEG4, MKV Container: MPG, MP4, MOV, VOB, DAT, MKV
	Audio - Codec: AAC, HEAAC, MPEG1, MPEG2 Container: AAC, M4A, MP3

**BUNDLE SOFTWARE**

Basic Annotation Software:	myViewBoard / vBoard Lite
Pro Annotation Software:	myViewBoard for windows (Embedded in Windows Slot-in PC)
Wireless Presentation with Touch Feedback: Viewboard Cast:	yes
ViewSonic Launcher:	Embedded

**SPECIAL FEATURES**

All-in-one USB port (combine Windows/Android USB port; no need to distinguish them anymore):	Front "SmartPort™ USB" to all channels.
Simple LAN sharing between IFP and slot-in device:	10M/100M for Android 10M/100M/1000M for slot-in PC

**POWER**

Voltage:	100-240VAC +/- 10% Wide Range
Consumption:	81W (Typ.) < 0.5 W ("Off")

**ERGONOMICS**

Wall Mount (VESA®):	400 x 200
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**OPERATING CONDITIONS**

Temperature (° C):	0°C to 40°C
Humidity:	10% ~ 90% RH non-condensing

**DIMENSIONS (W X H X D)**

Physical (inch / mm):	49.9 x 30.4 x 3.3 in / 1268 x 773 x 85 mm
Packaging (inch / mm):	56.2 x 34.6 x 8.7 in / 1428 x 878 x 220 mm

**WEIGHT**

Net (lb / kg):	68.34 lb / 31 Kg
Gross (lb / kg):	85.98 lb / 39 Kg

**REGULATIONS**

REGULATIONS:	FCC, cTUVus, CB, CE, BSMI, RCM, EAC
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**ENERGY STAR VERSION**

Energy Star version:	ES8.0
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**EEL RATING**

EEL rating:	A+
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**PACKAGE CONTENTS**

PACKAGE CONTENTS:	1. Power cable (3 meters) x 4 2. Remote control 3.USB cable (3 meters) 4. AV cable 5. Touching pen x 2 6. Quick Start Guide 7. RS232 adapter 8. Clamp x 5 9. Plate 10. Screw x 8 11. HDMI cable
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**COMPATIBLE SLOT-IN PC**

Compatible Slot-in PC:	VPC14-WP series VPC10-WP series VPC15-WP series VPC16-WP series VPC17-WP series
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