

55" EDLA-Certified Interactive Display

Built-in Presence Sensor
& 8-Mic Array



ViewBoard
IFP5551-1C



Unlocking Potential Through Innovation & Connectivity

Transform your classroom into a dynamic learning environment with the ViewSonic® ViewBoard® IFP5551-1C. Android™ 16 EDLA-certified, this interactive display provides an intuitive, secure, and seamless platform for teaching and learning. Teachers can easily access the Google Play Store and integrated Google services including Google Search, Google Drive, YouTube, Google Calendar, Chrome, Google Meet, and Google Maps. They can also leverage pre-installed ViewSonic® myViewBoard software to create engaging, collaborative lessons, turning the display into a powerful digital whiteboard.



Powerful Android 16 Performance

Launch apps, stream content, and multitask smoothly with high responsiveness powered by an octa-core CPU, 16GB RAM, 128GB internal storage, and Android 16 EDLA..



Intuitive Writing Experience

Zero-bonding IR Recognition with Ultra Fine Touch Technology supports multi-touch precision for up to 64 points. Integrated palm awareness allows for seamless writing and erasing, while advanced palm rejection technology effectively prevents unwanted inputs from accidental hand contact to ensure complete accuracy.



Streamlined USB-C Connectivity

Connect devices clutter-free via 2 ports supporting Video, Audio (A/V), touch control, Ethernet, data transfer, and up to 100W power delivery to charge your device.

Additionally, the included dual-tip pens enable simultaneous writing in two distinct colors for a smooth, dynamic, and highly interactive experience.



myViewBoard Ecosystem

Elevate interactive experiences with myViewBoard digital whiteboard software, wireless screen sharing via AirSync, and centralized device management with Manager.



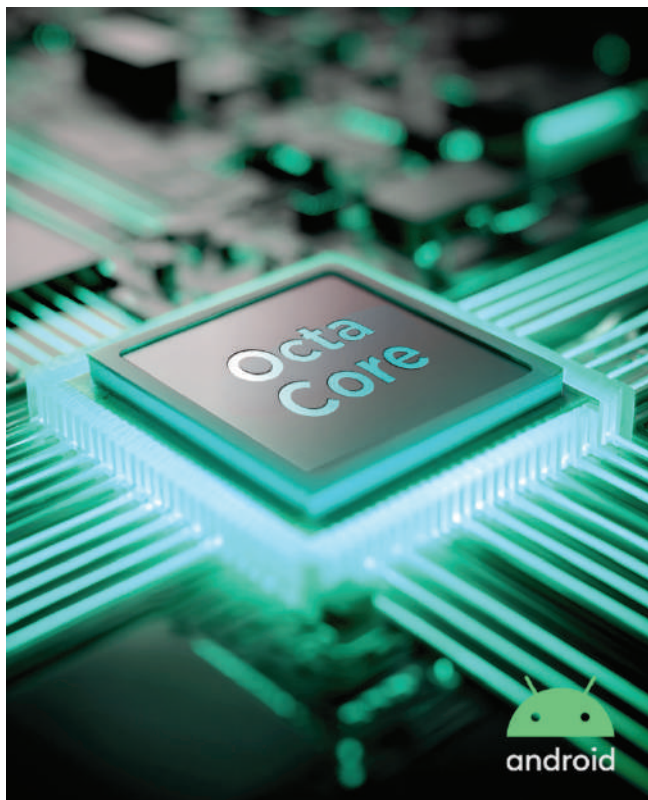
Energy-Efficient Design

Supporting sustainability with integrated ambient light and presence (PIR) sensors that automatically adjust display brightness and manage power on/off states. Furthermore, the ViewBoard® IFP5551-1C is EPEAT and ENERGY STAR 8.0 certified, demonstrating a strong commitment to environmental sustainability as a smart, responsible technology choice for modern classrooms driving digital transformation in education.



Flexible OPS Slot

Easily upgrade hardware with an OPS (Open Pluggable Specification) slot-in PC, adding full Windows computing power directly into the interactive display.



Fast, Seamless Performance

Keep your lessons running fluidly and uninterrupted with an octa-core processor and 16GB of RAM, enabling swift app switching, smooth multitasking, and side-by-side split-screen support to run two different applications simultaneously. Plus, 128GB of internal storage provides ample space to store extensive teaching materials and resources.



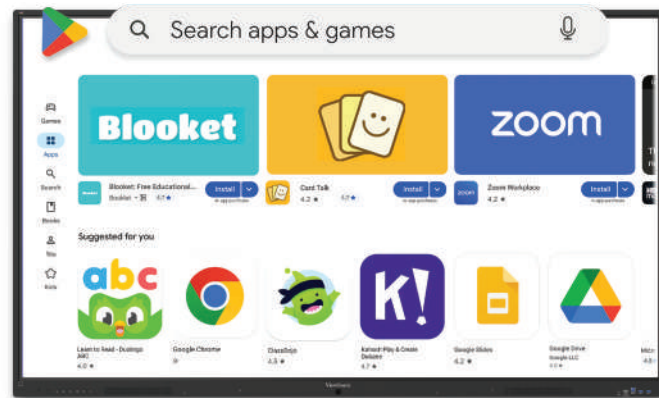
Powerful Support for Teaching & Learning

Featuring an intuitive floating toolbar

The IFP5551-1C features three shortcut buttons on three sides of the screen to quickly access a floating toolbar packed with powerful teaching tools:

Annotate directly over the desktop or any active application.

Includes screen freeze, a stopwatch, a timer, a spotlight function, screen capture, and Irlen color filters.



Expanding Possibilities

For Teaching & Learning

The ViewBoard IFP5551-1C comes pre-installed with essential software for immediate teaching and working, including a web browser, document and office readers, wireless display software, Manager software, file management, and resource cleanup tools... along with the myViewBoard educational ecosystem from ViewSonic running on the Android 16 EDLA (Enterprise Device Licensing Agreement) certified platform.

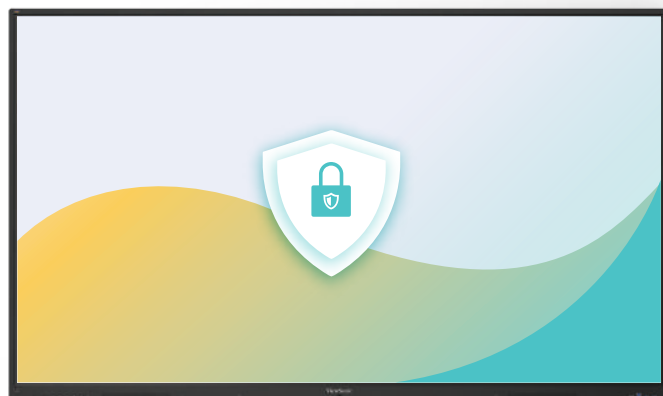
The IFP5551-1C features an integrated multi-band Wi-Fi 6 module supporting Wi-Fi 6 and Bluetooth 5.3 for high compatibility, fast speeds, and stable connections. This opens up endless access to the rich Google Play Store app ecosystem and Google search tools such as YouTube, Google Images, Google links, and more.

Securing Schools & Enterprises

Always Up-to-Date Security

Unlock advanced protection against potential threats without increasing administrative workload through Android EDLA certification.

This certification includes essential features such as Google Play Protect, robust data encryption, and two-factor authentication to safeguard sensitive school and enterprise data as well as student privacy, ensuring access is granted only to authorized users. This comprehensive security framework ensures that both corporate assets and educational resources remain protected in an increasingly complex digital landscape, all while maintaining a seamless user experience.





Crisp Visuals & Immersive Audio

Advanced Eye-Care Technology

The ViewBoard IFP5551-1C delivers exceptional clarity with 4K resolution (3840x2160 @60Hz) visuals and a powerful integrated 40W total stereo speaker system. This setup provides high-fidelity, vibrant audio to ensure every piece of content, from classroom lessons and presentations to multimedia videos, remains vivid, clear, and authentic.

Furthermore, the display is protected by 7 MOHS tempered glass featuring anti-glare, anti-reflection and Anti-Fingerprint glass properties, combined with advanced eye-care technologies such as Blue Light filters and flicker-free viewing. This delivers a durable, user-friendly interactive solution designed for both modern offices and educational environments.

Streamlined Connectivity for Modern

Powered by Dual USB Type-C Ports

Simplify setup in any meeting room or classroom with dual USB-C ports that support video, audio, touch, data transfer, Ethernet, and reverse laptop or mobile charging via Power Delivery (PD) up to 100W—all through a single cable.

This allows effortless pairing with laptops, tablets, and mobile phones while significantly reducing cable clutter.

This versatile connectivity enables professionals and educators to enjoy instant media playback, responsive touch control, reliable network access, and convenient charging for a truly seamless and productive collaboration experience.





Crystal-Clear & Dynamic Audio

Capture voices from up to 8 meters away using an 8-microphone array enhanced by echo cancellation, noise reduction, and automatic gain control. This ensures every voice is heard clearly during crucial boardroom meetings or interactive lessons.

Simultaneously, the dual 20W speaker system delivers balanced, room-filling audio for professionals and students alike, creating a truly immersive environment for collaborative projects and instruction.

Intelligent & Eco-Friendly Design

Building a Greener, Sustainable Future

Reduce power consumption without interrupting workflows or teaching schedules, thanks to Smart Power features powered by integrated light sensors and Passive Infrared (PIR) sensors.

Smart power feature: The light sensor automatically adjusts screen brightness to match the surrounding environment, while the Presence sensor (PIR) automatically switches to a dark mode when everyone leaves the room and turns the display back on when someone enters.

With ENERGY STAR 8.0 certification, an impressive Energy Efficiency Index (EEL), and strict compliance with RoHS and EPEAT standards, the ViewBoard IFP5551-1C series helps schools and enterprises lead the way in building a sustainable educational environment while saving on operational costs.





myViewBoard®

Transform Every Lesson and Meeting Into an Engaging Interactive Journey

Beyond a standard whiteboard, myViewBoard Whiteboard unlocks new possibilities for learning efficiency. It features an intuitive interface with the "Originals" resource library—covering quantity changes, fractions, volume, English, and science—and tools to pair images with audio or text.

It empowers educators to craft interactive lessons with comprehensive tools:

Writing, Erasing & Saving: Customize colors, stroke thickness, and pen types (annotation, highlighter, laser, vanishing pen). Erase by object, area, or all. Save to internal display, device memory, USB, or cloud, or share via QR code.

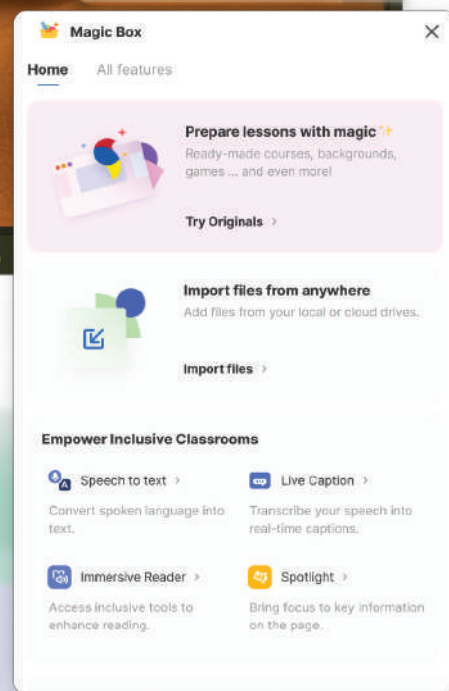
Smart Floating Toolbar: Movable for convenience across the interactive display.

Drawing & Math Tools: Draw solid/dashed lines, shapes (squares, circles, triangles, cylinders, hexagons), and auto-correct geometry. Features 180°/360° protractors, set squares, compasses, calculators, timers, magnifiers, masks, spotlights, sticky notes, and virtual keyboards.

Direct Camera Capture: Insert live camera images directly onto the whiteboard.

AI Features: Auto-shape/stroke recognition, text-to-speech, and speech-to-text conversion.

Embedded Web Browser: Access HTML coding apps, digital textbooks, virtual labs, and search Web, Images, Wikipedia, Wiktionary, Google Maps, or Geoinfo directly without switching applications.

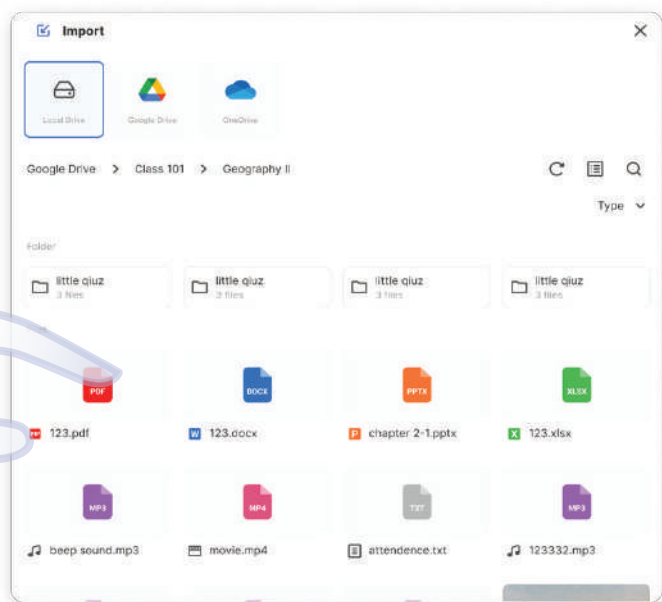




Cross-Platform Support And Comprehensive Compatibility

With flexible accessibility across web browsers and dedicated apps for Windows, Mac, iOS, and Android, myViewBoard Whiteboard offers open compatibility and multi-language support, including Vietnamese, simplifying adoption and driving continuous collaboration in schools.

Specifically, the feature-packed Windows version provides powerful tools to quickly switch between the whiteboard and Desktop, toggle between mouse and annotation modes on the desktop, and capture custom or freeform screenshots to save onto the whiteboard. It also includes a screen recording function to create video lessons easily.



Effortless Resource Storage & Integration Simplifying Cloud Access & Resource Sharing

Easily insert resources such as images, audio, video, and document files directly from the built-in library, connected Cloud Drives, internal display storage, external computers, or USB drives.

With secure cloud storage and seamless linking to popular cloud platforms, myViewBoard enables teachers to easily share lessons by generating QR codes right on the whiteboard software, allowing students to effortlessly download and save content to their personal devices.

Interactive Lessons

Powered by Trusted Educational Partners

myViewBoard is built on secure AWS cloud and developed with Google for Education, Microsoft, Future Classroom Lab, PhET, and Intel to embed top interactive tools into the myViewBoard whiteboard.

As PhET's official licensing partner, ViewSonic integrates interactive simulations for physics, chemistry, biology, math, and science—complete with descriptions, models, concepts, and virtual labs for engaging, visual learning.

Supporting multiple languages (including Vietnamese), it features interactive modules like circuit assembly, energy transformation, color vision, capacitors, pH measurement, gravity, motion, function graphs, fractions, semiconductors, vector addition, neurons, and pressure, with offline download support.

AirSync

Wireless Presenting Anywhere, Anytime

AirSync delivers a convenient wireless screen-sharing solution, completely eliminating cable clutter and adapters. Featuring seamless connection from any device, AirSync opens up new opportunities for efficient learning and professional collaboration in any teaching or meeting environment.



Instant Screen Sharing

Forget struggling with cables, software installations, or complex network setups. With AirSync, you can share your screen in seconds and begin seamless presenting or teaching using popular wireless standards including AirPlay, Google Cast, Miracast, and AirSync.

AirSync supports instant connections via LAN, internet, or Wi-Fi Direct (no local network required) without needing any software installation.



Secure Presenting

AirSync integrates end-to-end encryption (E2EE) to deliver a fully secure wireless screen-sharing solution for both education and business. The system comprehensively safeguards lesson content and strategic enterprise data, preventing unauthorized access or data leaks.

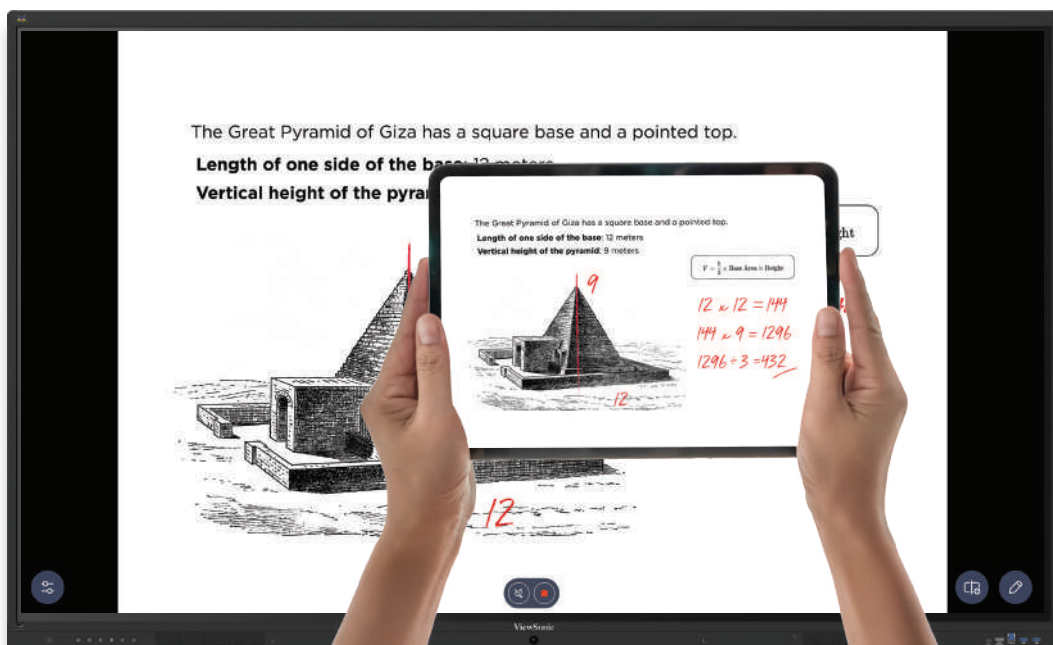
This is the key to seamless, professional connectivity, giving you the confidence to share freely.



Effortless Collaboration

Elevate teamwork with simultaneous wireless display for up to 4 devices via AirSync on the ViewBoard series, turning every idea into a visual, multi-dimensional discussion.

With AirSync, you can wirelessly sync content from the main screen to other AirSync-supported ViewSonic displays without cables, ensuring seamless and consistent information across the entire room.



Manager

Efficient Management Anytime, Anywhere

The display integrates ViewSonic Manager, a comprehensive and user-friendly Device Management System (DMS) designed to optimize device operations across both schools and enterprises. Through an intuitive web interface, administrators can effortlessly control, maintain, and update the entire ecosystem of ViewBoard displays and digital signage remotely, ensuring critical messages are always delivered consistently and in a timely manner.

Specifically, the Manager Advanced version elevates administrative control with dedicated communication features and optimized device performance, simplifying IT infrastructure management to drive operational breakthroughs for any organization.



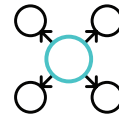
Remote Access

Easily monitor and update software and firmware for your entire device system through an intuitive web dashboard. This feature streamlines the maintenance process, ensuring the system consistently operates at peak performance and stability without requiring on-site presence.



Multi-Point Broadcast

Schedule and broadcast urgent announcements, emergency alerts, or multimedia content to every display across the campus or office with just a few clicks. This interactive capability ensures a seamless flow of information, keeping all organization or school members connected and updated in real time.



Centralized Management

Optimize resources by managing and grouping ViewSonic displays to deploy applications, files, and configurations simultaneously. Group management maintains operational consistency, saves time, and ensures every location across the organization is always connected and ready to collaborate.



More Than a Product, It's a Partnership

Empowering Educators, IT Administrators, and Partners

Beyond a diverse product portfolio, we offer specialized services tailored for both education and business. Educators and technical teams can join in-depth training programs to enhance their tech skills and connect with a global community of experts. For IT administrators, our technical support workflows are streamlined to ensure stable system operation. Meanwhile, ViewSonic's on-site warranty and maintenance services deliver complete peace of mind, allowing customers to focus on growth.



Unbound Professional Training Experience

Experience unlimited live and online training sessions tailored for educators and technical staff. This program empowers users to fully master classroom and meeting room technology, stay updated with modern methods, and connect with the ViewSonic Global Community to share innovative ideas



Comprehensive On-Site Warranty Services

We are committed to providing maximum support through dedicated on-site warranty services for interactive displays. ViewSonic's technical team will resolve issues directly at your facility and always provide backup equipment to ensure classroom teaching and business meetings are never interrupted by any technical difficulties.



Specifications

IFP5551-1C



DISPLAY	Brand:	ViewSonic (USA)
	Origin:	China
	Screen Size:	55"
	Display Area:	1209.6mm (H) x 680.4mm (V) (54.6")
	Technology:	TFT LCD Module with DLED Backlight
	Panel Type:	ADS
	Resolution:	4K (3840x2160@60Hz)
	Aspect Ratio:	16:9
	Display Colors:	1.07 Billion Colors
	Brightness:	500 nits (typ.)
	Contrast Ratio:	1200:1 (Static), 500,000:1 Max. (Dynamic)
	Response Time:	6.5 ms
	Viewing Angle:	H = 178, V = 178 (typ.)
	Backlight Life:	50,000 Hours
	Operation:	16/7
	Glass Surface:	7 MOHS Hardness Tempered Glass, Anti-Glare, Anti-Reflection, Anti-Fingerprint glass
PLATFORM	Android:	EDLA-Certified with Android 16
	CPU:	Octa-Core (ARM Cortex-A72*4 + Cortex-A53*4)
	GPU:	Multi-Core Mali G52
	RAM:	16 GB
	Storage:	128 GB eMMC
TOUCH	Technology:	Zero-Bonding IR Recognition, Ultra Fine Touch Technology
	Touch Resolution:	32767 x 32767
	Touch Points:	64-Point Multi-Touch
	Touch Accuracy:	+/- 1mm
	Response Rate:	5ms
INPUT	HDMI:	x3 HDMI 2.1 (Front x1, Rear x2) supports CEC/ARC
	DisplayPort:	x1
	RGB/VGA:	x1
	Audio:	x1 (3.5mm jack)
	RS232:	x1
	OPS:	Slot-in PC Module: x1
	Wi-Fi/BT:	Wi-Fi 6 (802.11 a/b/g/n/ac/ax) / BT5.3 BLE
	Card Slot:	x1 (TF card)
OUTPUT	HDMI-out:	x1 (HDMI 2.1)
	Audio:	x1 (3.5mm jack)
	SPDIF:	x1 (Optical)
USB	Type A:	USB 3.2 x4 SmartPort™ USB (Front 2 + Rear 2), USB 2.0 x1
	Type B:	x3 (for touch)

Specifications

IFP5551-1C



USB	Type C:	x1 (Front : DP1.2, PD 100W, USB 3.2, LAN Sharing) x1 (Rear : DP1.2, PD 15W, USB 3.2, LAN Sharing) USB C support Alt mode
LAN	RJ45:	x2
SPEAKERS	Speakers	Stereo (20Wx2) Total Power Output: 40W
MIC	Microphone:	8 Micro Array
DIMENSIONS	Physical/ Packaging:	1269.8 x 789.3 x 83.7 mm/ 1401 x 878 x 220 mm
WEIGHT	Net/ Gross:	25.86 kg/ 31.61 kg
POWER	Voltage:	100-240VAC +/- 10% Wide Range
	Consumption:	76.16 W (Typ.); <0.5W ("Off")
OPERATING CONDITIONS	Temperature:	0°C ~ 40°C
	Humidity:	20% ~ 80% RH Non-Condensing
	High Altitude Operation:	0-5000m
STORAGE CONDITIONS	Temperature:	-20°C ~ 60°C
	Humidity:	5% ~ 95% RH Non-Condensing
REGULATIONS	Regulations:	Energy Star 8.0, FCC, cTUVus, CE, CB, LBL (Blue Light Filter), FF (Flicker Free), RoHS, EPEAT myViewBoard Entity licensed
	Manufacturer Certifications:	ISO 9001:2015, ISO 14001:2015, ISO 14064:2006, ISO 45001:2018, ISO/IEC 27001:2013, ISO 50001:2018 Country-Specific Trademark Registration
SPECIAL FEATURES	Wireless Screen Sharing:	Miracast, Chrome Cast, AirPlay, AirSync
	Clone display:	Mirror to another screen via HDMI or wirelessly
	Remote Management:	myViewBoard Manager
	Eye Care:	Light Sensor, Anti Glare, Flicker-Free, Blue Light Filter
	Palm awareness:	Yes
	Palm rejection:	Yes
	PIP:	Yes
	Light Sensor:	Yes
	Presence Sensor (PIR):	Yes
	Smart Port USB:	Yes
	Lan Sharing:	Yes
	USB C (Alt mode):	Supports reverse power delivery for laptops, video, audio signal transmission to the display, and touch
	OSD Languages:	Multi-Language Support
PACKAGE CONTENTS	Package Contents:	Country-specific power cord x1, 3m HDMI cable x1, USB touch cable x1, 1.8m USB Type-C cable x1, Remote control x1, Camera mount x1, VB-WIFI-006 x1, Touch pen x2, RS232 adapter x1, Cable clamp x5, Screw kit x8
WARRANTY	Warranty:	60 months for the entire display



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