

ValueStek



INTERACTIVE FLAT PANEL

Value Smart Tech Co.,Ltd.

Brand Story

ValueSTek

Beyond manufacturing, we create more and lead further

Founded in Shenzhen in 2010, ValueSTek quickly emerged as an industry leader in infrared touch technology. Through relentless innovation, we revolutionized interactive solutions—from interactive whiteboards to interactive flat panels even to cutting-edge smart nano blackboards—establishing global trust and strategic partnerships with top international brands.

Yet we realized transformative technology shouldn't be a privilege of developed regions. Millions in underserved communities lacked access to modern learning and workspaces, held back by high costs and limited information. At ValueSTek, we challenged this divide—proving that premium quality and affordability can—and must—coexist.

In 2021, we took a bold step forward, establishing our flagship brand ValueSTek in Chongqing—China's "8D Magic City" and the most comprehensive global industrial ecosystem. Here, we embraced an "Innovation-driven, Brand-led" vision, harnessing China's manufacturing excellence to deliver cutting-edge yet accessible technology.

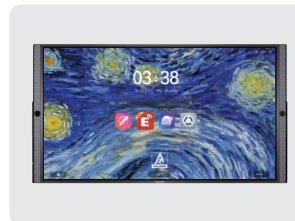
Today, ValueSTek isn't just a company—it's a mission. We're redefining what "Made in China" means, empowering global communities with tools to learn, collaborate, and grow. Because technology should uplift everyone, everywhere.



Content

01 Art Series

Unprecedented experience! The world's first ValueKnob – Redefining the way how IFP interacts!



P.2-9

02 E Series

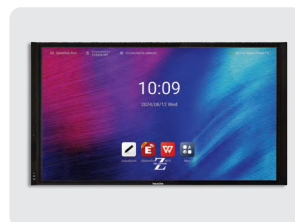
Designed exclusively for education – The ultimate value IFP!



P.10-15

03 Z Series

Revolutionary camera layout – Meet your partners online as nature as face-to-face in reality!



P.16-18

04 Accessories

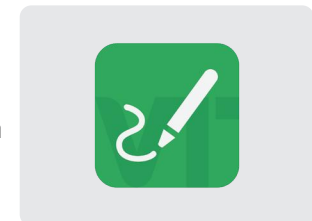
Round out your solution with ValueSTek accessories.



P.19-21

05 Software

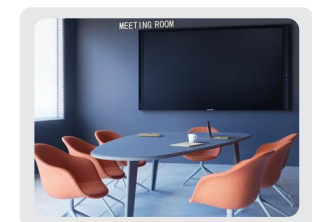
Powerful professional teaching software – Makes your classroom effortless, engaging, and highly effective!



P.22

06 Solutions & Cases

ValueSTek interactive flat panels are widely used in application scenarios like education and conference, and more.



P.23-25



We've tried almost every interactive flat panel on the market and the user experience is just painful!
 Same look everywhere, poor usability, latency, feeling spied on when video conferencing ...
 This is an area that needs innovation.
 It needs to be more powerful, more user friendly and more useful than it is now ...



- Innovative smart knob, doubling efficiency
- Excellent sound and image quality deliver a perfect experience
- Patented camera design makes remote collaboration more natural

Innovative design and materials

Beauty and function



Patented outage appearance

Building on the patented design inspired by the Chinese traditional furniture Qiaotou table, ValueHub Art series continues to evolve, for a unique and elevated look.



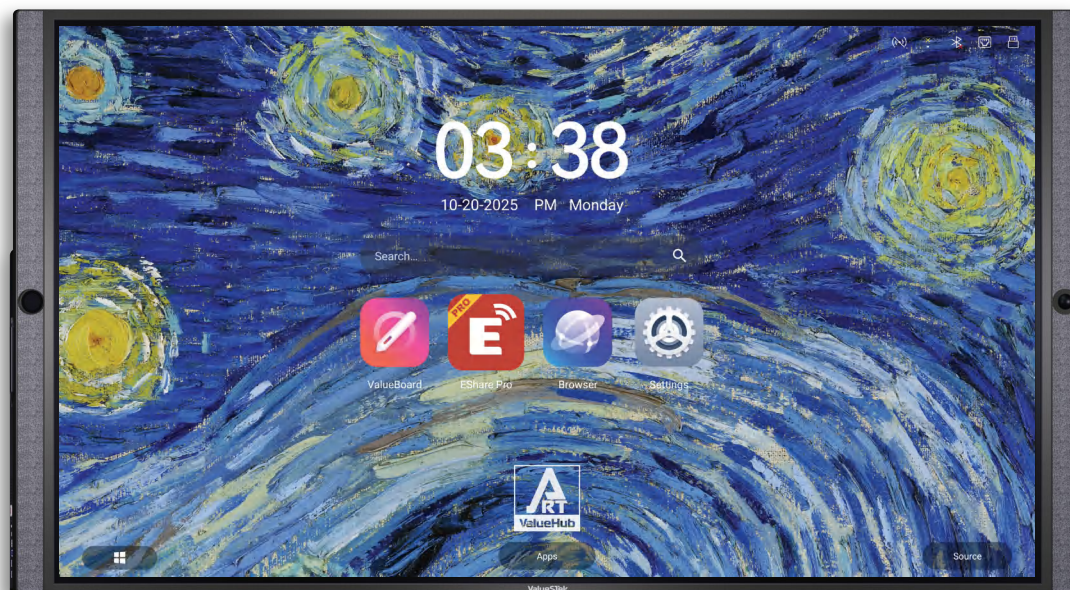
Concise design

Two sides frames with fabric materials has greatly reduced the number of exposed speaker holes, making the outlook more concise.



Fit in any environment

The combination of aerospace-grade aluminum and delicate fabrics makes the cold technology products more warm and can be perfectly fit in any environment.



ValueKnob

Brand new and more efficient way of interaction



Innovation, set sail. ValueHub Art series with the world's first physical knob - ValueKnob - in interactive flat panel, provides clear tactile feedback and rich functions.

Clear feel



ValueKnob has clear mechanical feedback for every operation, which can accurately control interactive flat panel, giving you confidence at all times.

Seriously efficient



ValueKnob provides a large number of shortcut keys for the most commonly used functions. Just to rotate and press, you can get perform complex control operations done easily, double efficiency.



Pro-level UHD camera

Collaborate remotely as if meeting face-to-face

The integrated pro level conference camera with unique design arrows for direct eye contact with people and ergonomic accessibility during video conferencing.

Horizontal view angle



According to ergonomics, ValueHub Art series mounts its camera in the middle range of right frame, same height with human-eye, allowing for direct eye contact with people during video meetings.

Privacy protection

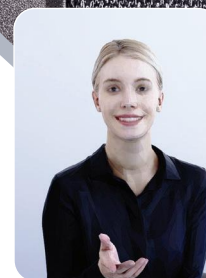


The Pro level 4K UHD camera and 6-array mics for clear image and sound.
The electric camera cover and working status indicator light ensure your privacy.

EPTZ & 4 preset positions



4 preset positions allow you to quickly adjust the lens to the specified position, and the AI human tracking function allows you to present the best capture any time.



ValueHub Art series



Others

QLED display and three-way speakers

You have your private cinema in meeting room

Go and experience exceptional display and sound in ValueHub Art series.



QLED display



The ValueHub Art series features QLED 4K UHD display with a color gamut of up to 105% for breathtaking color and super-precise details on screen just like you do in real life.

Three-way speakers



Professional three-way speakers provides HI-FI sound quality and up to 60W of output, ensuring that every attendee can hear crystal-clearly.

Optical Bonding



You can get super wear resistance and a smooth feel with the chemically etched anti-glare glass. With Optical Bonded technology to effectively reduces screen reflections and visual errors, ensures remaining clear even under strong light.

Super high-speed touch

Natural pen-to-paper-like writing experience



Extremely fast writing

The ultra-high-speed touch allows no latency even with 40 point touch writing simultaneously. With minimum accuracy of 1mm, ultra-high precision touch and writing is at your hand.



Gesture recognition

Supported by object recognition technology, it can automatically recognize different sizes of objects like pens, fingers and palms, and more, enabling to write in two colors with one pen and use your palm to erase. You can use it same with traditional writing habits and with ease.



Smooth feel

The specially treated tempered glass surface is scratch-resistant and smooth to write. The full lamination technology minimizes the visual error caused by glass refraction, and provide you natural pen-to-paper-like writing experience.

Powerful performance and rich functions

Be excellent in both design and functions, lead every aspect



Powerful performance

With the industry-leading RK3588 chipset, every application can work exceedingly smoothly.

Standard OPS slot and different configuration of OPS are available.



Wireless screensharing

With built-in professional wireless screen sharing software and multiple ports arrows super simple and convenient connection whether it is with cables or without.



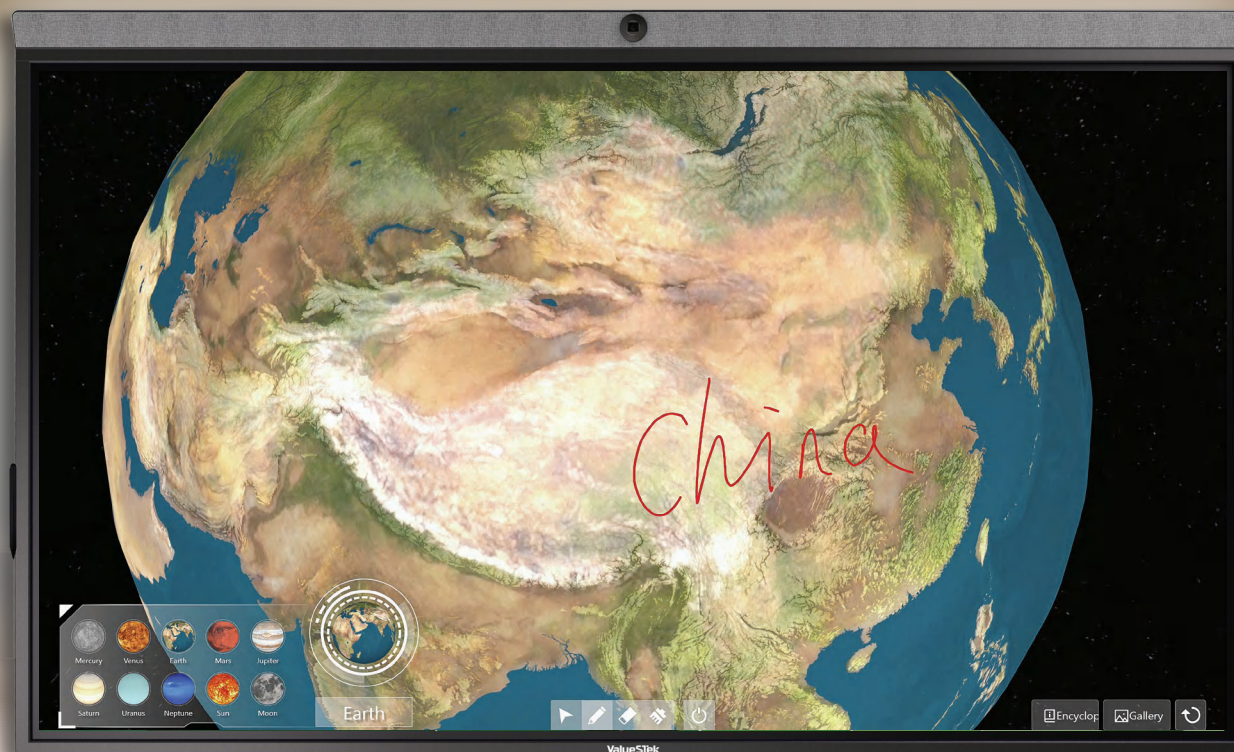
Eye-protection

Reduce more than 70% of harmful blue light, so you won't feel tired after looking at the screen for a long time, and effectively protect your eyes.

ValueHub Art Series Specifications

| | | |
|------------------------------------|-------------------------|---|
| Display | Diagonal size | 75"/ 86"/ 98"/ 110" |
| | Aspect ratio/Resolution | TFT LCD , 16:9 / 3840(H) X 2160(V), |
| | Backlight | QLED Color gamut range >105% (Low blue light backlight source, reducing more than 80% of harmful blue light) |
| | Glass lamination | Optical Bonded glasses reduces visual errors, provide clearer, crisper viewing from every angle (110" is Zero Bonded glass) |
| | Glass | 4mm Chemically etched Anti-glare Surface scratch resistance |
| Built-in Android experience | CPU/GPU/NPU | CPU: quad-core Cortex-A76+quad-core Cortex-A55 2.4GHz, / GPU:ARM Mali-G610 MC4/NPU:6Tops |
| | RAM/Flash | 8GB DDR RAM/ 128GB EMMC Flash |
| | Version | Android 15.0 |
| | Front port | Type-C*1(Full functionality) , USB3.0*2, HDMI*1,Touch USB*1 |
| | Back port | LINE OUT *1,RJ45 IN*1, RJ45 OUT *1,VGA AUDIO IN *1, VGA IN *1, USB 2.0*1,OPTICAL OUT *1,RS232*1,TOUCH USB *3, TYPE-C*1,HDMI OUT *1, HDMI IN *3, DP IN *1,TYPE-C OUT*1,USB 3.0*2 |
| | Speaker | 2x20 W (150Hz~15KHz@+/-3dB) +20W (Subwoofer). With three-way loudspeakers to faithfully reproduce sound signals in real time. |
| | Bluetooth/WiFi | WiFi6 / BT5.2 |
| | Control method | Smart ValueKnob controller provides common shortcut keys under Windows & Andriod OS |
| Interactive experience | Touch technology | Multiple Infrared Scanning technology |
| | Touch point | 40 Points |
| | Response time | < 3ms |
| | Accuracy | ± 0.5mm(90% active area located in middle). |
| | Minimum object size | 1mm (Min. Gap between touches >25mm) |
| | Object recognition | Both thick and thin pens can be recognized (in different colors) and recognize large objects as erasers. |
| Camera | Sensor | M12 (12mm in Diameter), 8 million pixels, View angle:126°(D) / 120°(H)/ 85°(V) |
| | Privacy protection | Electric lens cover and the lens cover opens when the apps call the camera Microphone working status indication (mute, sleep, working) |
| | EPTZ/ AI face tracking | AI tracking function can be turned on / off Manual lens adjustment by remote control or ValueKnob 4 preset positions |
| | DNR | 2D&3D DNR |
| | Video adjustment | Brightness, Sharpness, Saturation, Contrast, White Balance, Gain, Anti-scintillation, Low Brightness Compensation etc. |
| Microphones | Microphones array | MEMS Microphone, 6-element |
| | Pickup distance | 8 meters |
| | Echo cancelling | The echo cancelling algorithm samples the sound from loudspeaker and send to Microphone, then cancels out echo. |
| OPS | | MotherBoard: H110 / H610 , CPU:I9 / I7 / I5 / I3 , RAM : 4GB-64GB, Flash : 128GB-1TB SSD |
| Power supply | | 110-240V~50/60Hz |
| Certificates | | CE, FCC, RoHS, CB |

*** Contents are subject to change without notice. ***



In order to enable more people and schools to use high-tech information equipment to improve the level of education and promote a more equitable education environment, ValueSTek has introduced the cost-effective ValueHub E series, exclusively designed for the education sector.

Let's strive for fairer, more inclusive, and higher-quality education.



**Eye-
protection**



**Nature
writing**



**Professional
audio effects**



**Professional
teaching tools**

ValueSTek Low Blue Light Eye Protection

Safety first

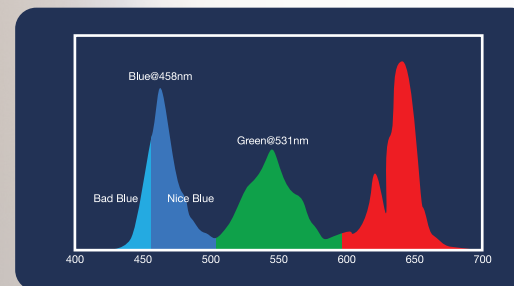
The ValueHub E series features a paper-like display with adjustable textures, offering a natural reading experience that reduces eye strain.

Its optimized LED chips shift blue light wavelengths, cutting harmful short-wave blue light (<430nm) by 70% —without color distortion.

Teachers and students enjoy reduced fatigue even during extended use, maintaining focus effortlessly.

The safety-first design of rounded edges, thickened tempered protective glass and semi-hidden buttons for durability and ensure safety to students at every step.

Built for productivity and well-being, the ValueHub E Series delivers gentler viewing and reliable protection.



Multi-touch points

Natural and smooth interactivity



High-speed

The new-generation high-speed touch screen supports up to 40-point touch, ensuring no lag even with multiple users interacting simultaneously. The writing experience is so smooth, the user can hardly feel any writing delay, and what is written is shown.



Object recognition

Automatically recognizes and switches between pens, tools, touch, multi-finger gestures and erasing. Just use it naturally.



Zero Bonding

The Zero Bonding technology reduces the gap between the screen and the protective glass to just 0.5mm, minimizing visual errors during use. The low sensing-height design ensures no accidental operations.

Hi-Fi sound effects

Hear it all clearly and for real

Studies confirm that classroom acoustics significantly impact academic performance. Clear audio is essential for effective learning, which is why the ValueHub E series features Hi-Fi-grade three-way speakers for premium sound quality. Its powerful output ensures crisp, natural audio in classroom, enhancing the learning experience for every students.



60W / 2.1channel

The 2.1-channel system, with a total output power of 60W, effectively covers every corner of the classroom, ensuring that even students in the back row can hear clearly.



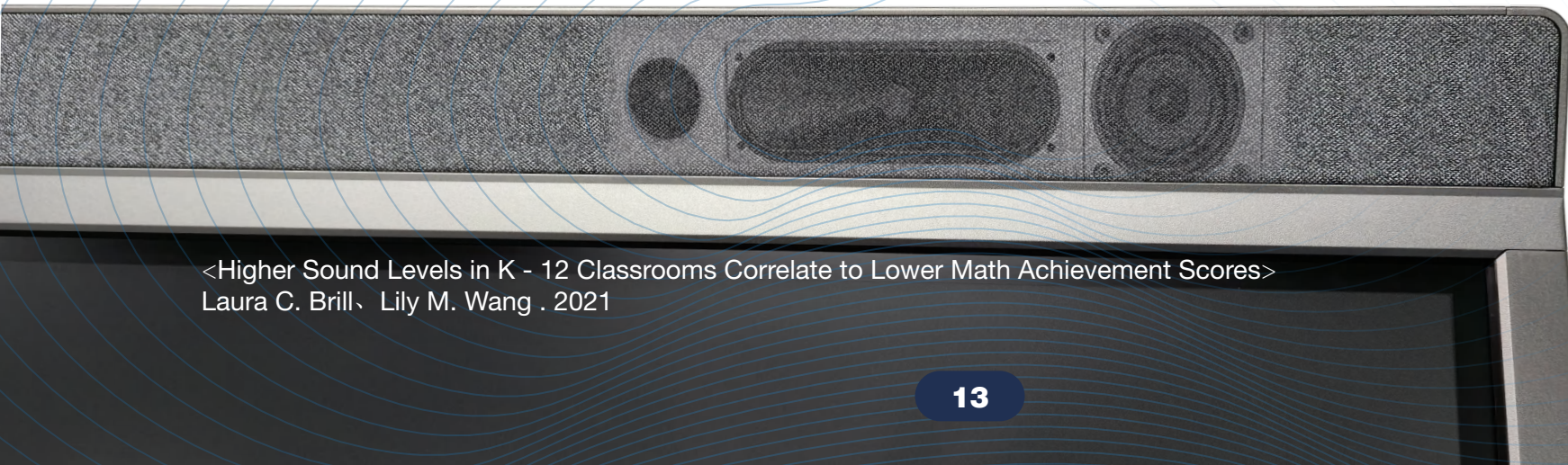
Three-way speakers

It uses a newly tuned high, mid, and low-frequency three-way speaker system, delivering clear and full sound output.



Top placement

The top-mounted speaker design, with a slight downward tilt, effectively prevents obstruction and reflection of sound by desks and chairs, ensuring even sound coverage across the whole classroom.



<Higher Sound Levels in K - 12 Classrooms Correlate to Lower Math Achievement Scores>
Laura C. Brill · Lily M. Wang · 2021



Professional teaching tools

Bring lessons to life with dynamic, engaging, collaborative learning

Designed specifically for education, ValueBoard is a professional interactive whiteboard software equipped with comprehensive teaching tools and advanced subject-specific features. Seamlessly compatible with any application, it brings dynamic interactivity to every lesson. The intuitive interface ensures effortless operation—teachers can become proficient with minimal training, allowing them to focus on engaging instruction rather than technical complexity.

ValueHub E Series Specifications

| | | |
|------------------------------------|-------------------------|--|
| Display | Diagonal size | 65"/ 75"/ 86" |
| | Aspect ratio/Resolution | TFT LCD , 16:9 / 3840(H) X 2160(V), |
| | Backlight | DLED (Low blue light backlight source, reducing more than 70% of harmful blue light) |
| | Glass Lamination | Zero Bonding |
| | Glass | 4mm Anti-glare |
| Built-in Android experience | CPU/GPU/NPU | CPU: quad-core Cortex-A55 2GHz, / GPU:Mali G52MP2 /NPU:1T |
| | RAM/Flash | 8GB DDR RAM/ 128GB EMMC Flash |
| | Version | Android 15.0 |
| | Front port | Type-C*1(Full functionality , supports up to 65W charging) , USB3.0*2, HDMI IN *1,TOUCH USB *1 |
| | Back port | HDMI OUT*1 ,RJ45 IN *1 /RJ45 OUT *1,PC AUDIO IN*1,VGA*1,DP*1,(Mini)LINE OUT*1,OPTICAL OUT*1,RS232*1,USB2.0*1,HDMI IN *2,USB Type C *1,TOUCH USB*1,USB3.0*2 |
| | Speaker | 2x20 W (150Hz~15KHz@+/-3dB) +20W (Subwoofer). With three-way speakers to faithfully reproduce sound signals in real time. |
| | Bluetooth/WiFi | WiFi 5 / BT5.2 |
| | Control method | Button and remote control |
| Interactive experience | Touch technology | Multiple Infrared Scanning technology |
| | Touch point | 40 Points |
| | Response time | < 3ms |
| | Accuracy | ± 0.5mm(90% active area located in middle). |
| | Minimum object size | 2mm (Min. Gap between touches >25mm) |
| | Object recognition | Both thick and thin pens can be recognized (in different colors) and recognize large objects as erasers. |
| Camera | Sensor | M5 (5mm in Diameter), 48 million pixels, View angle:120° |
| | Privacy protection | / |
| | EPTZ/ AI face tracking | Support to turn on/off the auto-tracking by gesture |
| | DNR | 2D / 3D |
| | Video adjustment | / |
| Microphones | Microphones array | MEMS Microphone, 8-element |
| | Pickup distance | 10 meters |
| | Echo Cancelling | The echo cancelling algorithm samples the sound from loudspeaker and send to Microphone, then cancels out echo. |
| OPS | | MotherBoard: H110 / H610 , CPU:I9 / I7 / I5 / I3 , RAM : 4GB-64GB, Flash : 128GB-1TB SSD |
| Power supply | | 110-240V~50/60Hz |
| Certificates | | CE, FCC, RoHS, CB, |

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Qiaotou table is an ancient Chinese furniture, equivalent to a modern desk. It is called Qiaotou table, because both sides of the table top have up-turned horns.

Z Generation ValueHub embraces the essence of the Chinese culture by tapping into the design of traditional furniture to model a unique interactive display feature. The shape of the radian perfectly solves a series of problems such as camera angle and sound design, resulting in the perfect combination of technology and tradition.



Innovative design to perfectly combine tradition and technology

Inspired by traditional Chinese furniture Qiaotou table (Recessed-leg table with evened flanges), it reflects the high-spirited aesthetic taste.

Ultra-high touch precision and speed for nature writing experience

Up to 20 points touch | Only 2mm super high positioning accuracy object recognition technology

Patented camera brings more nature virtual face-to-face experience

4K UHD resolution | AI auto face tracking | 2D/3D noise reduction

Wide frequency response audio output

2.1 channel | 60W | Triple-section Crossover professional loudspeaker

4K UHD display everything in details perfectly

Industry-best latency | Wide Color Gamut | Anti blue-light | No flicker

ValueHub Z Series Specifications

| | | ValueHub-Z | ValueHub-Z Pro | ValueHub-Z Pro+ |
|-----------------------------|-------------------------|---|-----------------|--|
| Display | Diagonal size | 65" / 75" / 86" | 65" / 75" / 86" | 65" / 75" / 86" / 98" / 110" |
| | Aspect ratio/Resolution | 16:9 / 3840(H) X 2160(V) | | |
| | Backlight | DLED | | |
| | Glass | Fully heat-tempered anti-glare glass that resists smudges and fingerprint, providing paper-touch experience | | |
| | Glass thickness | 4 mm. Features Zero Bonding Technology for an upgraded touch resolution with a minimized contact height for more natural handwriting and significantly enhanced touch experience. | | |
| Built-in Android experience | CPU/GPU | Octa-core A55 ,up to 1.5Ghz / Quad-core MaliG52 | | ARM Cortex-A73*4 + Cortex- A53*4 / G52*8(Octa-core) |
| | RAM/Flash | 8GB DDR RAM/ 128GB EMMC Flash | | 8GB LPDDR4 / 128 GB Flash |
| | Version | Android 13.0 | | Android 13.0 |
| | Front port | Type-C*1, USB3.0*2 | | |
| | Back port | HDMI Out*1, RS232*1, Earphone*1, SPDIF*1, MIC In*1, RJ45 In*1, RJ45 Out*1, DP In *1, PC Audio *1, VGA *1, HDMI 2.0 IN*2 , Touch USB *1 , ANDROID USB 2.0*1, ANDROID USB 3.0*1, TF Cart *1 | | RS232*1, MIC In*1, SPDIF*1, Earphone*1, HDMI OUT *1, RJ45 IN*1, RJ45 OUT*1, TF Cart *1, USB-B 3.0*2, Touch USB*2, HDMI IN*2, OTG USB*1 |
| | Speaker | 2x20 W (150Hz~15KHz@+/-3dB) +20W (Subwoofer). With three-way loudspeakers to faithfully reproduce sound signals in real time. | | |
| | Bluetooth/WiFi | Yes/ Yes | | |
| Interactive experience | Touch technology | Multiple Infrared Scanning technology | | |
| | Touch point | 20 Points | | 20 Points |
| | Response time | < 5ms | | < 3.3ms |
| | Accuracy | ± 1mm(90% active area located in middle). | | ± 0.5mm(90% active area located in middle). |
| | Minimum object size | 3mm (Min. Gap between touches >40mm) | | 2mm (Min. Gap between touches >25mm) |
| | Object recognition | Both thick and thin pens can be recognized (in different colors) and recognize large objects as erasers. | | |
| Camera | Sensor | M12 (12mm in Diameter), 8 million pixels | | |
| | View angle | 126°(D) / 120°(H)/ 85°(V) | | |
| | EPTZ/ AI face tracking | Yes/ Yes | | |
| | DNR | 2D&3D DNR | | |
| | Video adjustment | Brightness, Sharpness, Saturation, Contrast, White Balance, Gain, Anti-scintillation, Low Brightness Compensation etc. | | |
| Microphones | Microphones array | MEMS Microphone, 6-element | | |
| | Pickup distance | 8 meters | | |
| | Echo Cancelling | The echo cancelling algorithm samples the sound from loudspeaker and send to Microphone, then cancels out echo. | | |
| OPS | | MotherBoard: H110, CPU:I7 10700/ I5 10400/ I5 9300H/ I5 8400/ I5 6400, RAM: 8GB/ 4GB, Flash: 512GB/ 256GB/ 128GB SSD | | |
| Power supply | | 110-240V~50/60Hz | | |
| Certificates | | CE, FCC, RoHS, CB | | |

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Mobile Stand

Flexible setup

The Artistic Mobile Stand is designed for large-size display screen. Inspired by the letter

A

The outwardly inclined feet combine aesthetic appeal with mechanical stability, a perfect fusion of mechanics and art, and a reflection of strength and elegance



10,000 times



Caster wheels up and down ramps over

5,000 times



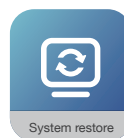
Caster wheels pass through elevator gaps over

OPS-PC

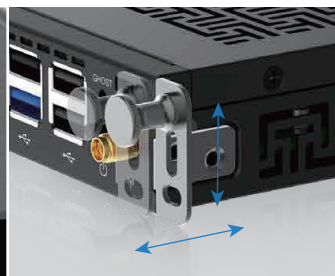
Modular computers for efficient and seamless complex task management



Its powerful graphics chipset supports up to 4K ultra-high-definition video output at 60Hz and further functional flexibility with USB interfaces. It is Microsoft Windows 10/11 ready and comes pre-installed with ValueStek's most important applications. No more trailing cables, no more bulky add-on peripherals, no more unsightly and frustrating power supply issues. With Mini OPS PC on board, ValueStek's displays let you get on with creating the best possible visual impact without being encumbered by unnecessary technical and administrative burdens.



On-board SMA Antenna Head



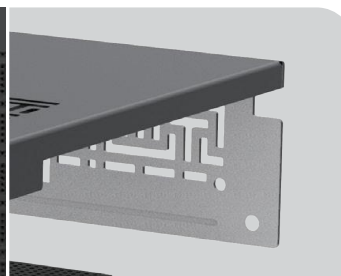
Flexible Fixing



Embedded Dust Screen



Centre-embedded Dust Screen



Internal Spray Protection

Accessories

One-stop solution

Round out your solution with ValueSTek accessories.



ValueRec System

The world's easiest class recording system, featuring AI-powered auto-director functionality.



PA System

Simply touch to connect – the easy-to-use, crystal-clear and wireless classroom audio system.



Visualizer

With 16x optical zoom, brings exciting content into your classroom.



VideoBar

An all-in-one video conference terminal integrating audio capture, camera, and sound amplification.



PTZ Camera

USB-connected PTZ camera – Easily link and use with your computer.



4K PTZ Camera

4K ultra HD, studio-grade PTZ camera – Capture every detail with precision and clarity.



Wireless Mic

The world's premier wireless conference microphone with speaker output customized by Harman Kardon.



Digital Podium

Powerful in function, robust in structure, exquisite in design.



Wireless Dongle

One press, infinite sharing.

Software

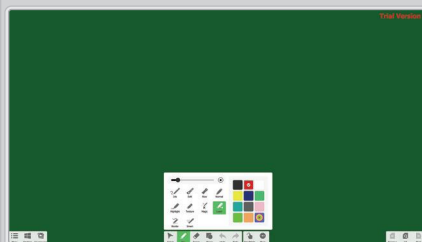
Maximize values

Various of software can be used in education, conference and other scenarios. Abundant and powerful tools deliver amazing interaction and collaboration to users.

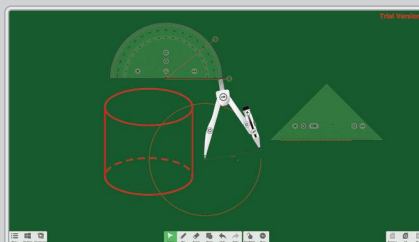


ValueBoard-Edu

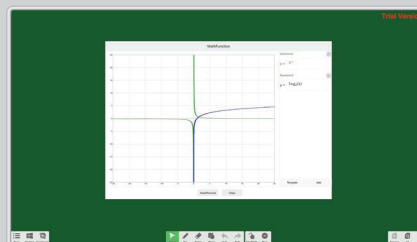
Software designed for education to deliver engaging lessons.



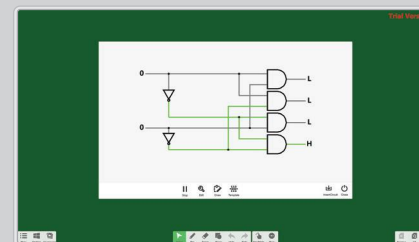
Writing Tools



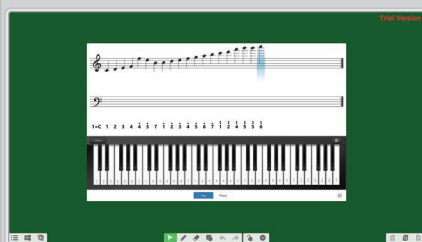
Drawing Tools



Mathematics



Physics



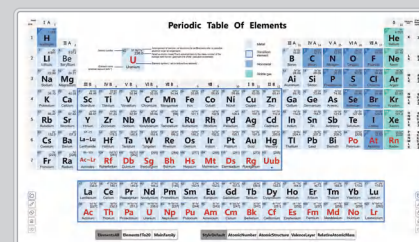
Music



Biology



Geography



Chemistry



ValueRec

The super-easy-used recording tool – Capture, edit, and share your lesson with Just One Click!



ValueOSC

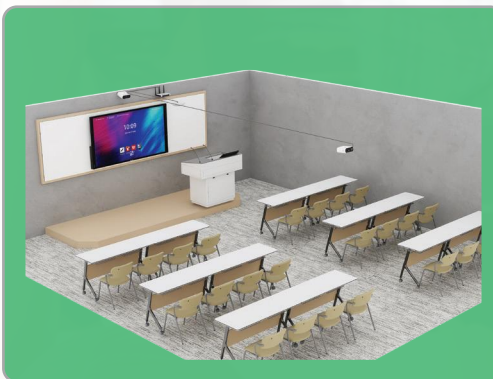
Quickly build an online learning platform for schools or MOE – Brings quality educational resources to every student.

Education Solution

Think more for education and future



Interactive Classroom



Remote Classroom



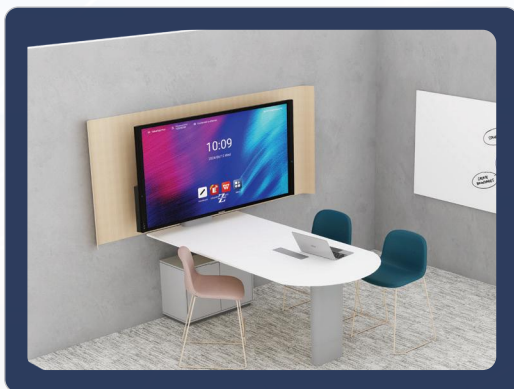
Smart Classroom

Interactive flat panel is very important in modern education. ValueHub is equipped with professional software designed with education in mind. A wide range of meaningful teaching tools help teachers create more efficient and engaging lessons.

The educational landscape is constantly changing. The ValueSTek offers the option to have ValueRec and ValueOSC embedded, making distance learning easier and more efficient by supporting better management of remote devices spread across the entire campus.

Conference Solution

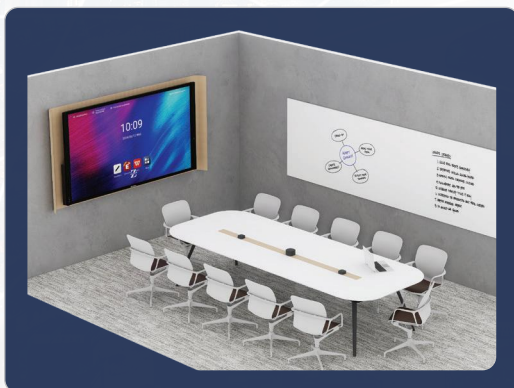
Remote collaboration delivers efficiency



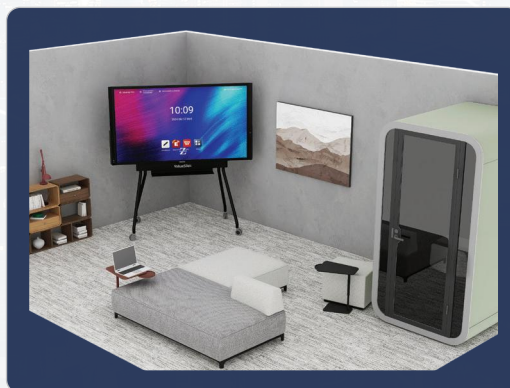
Mini Conference Room



Small Conference Room



Medium Conference Room



Open Space

Compatible with multiple conference platforms, including Skype | Zoom | Microsoft Teams | Welink | Webex | QQ | WeChat | Mindlinker | Google Classroom | ValueLink...

In addition, localized conference whiteboard software in ValueHub enriches conference gadgets and widgets to deliver richer collaboration and efficiency, meeting record can be saved and shared by scanning QR code with ease.

Cases

Create value and share value

ValueSTek products can really help teachers, learners, and teams to improve learning outcomes and productivity. ValueSTek has helped different customers to achieve great commercial success via business cooperation with each other.

Tell us your needs immediately, we will provide you one-stop support and service that you can count on with industry information, product training, project design, project operation, installation guidance, after-sales service, and more.



ValueSTek

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