

ValueSTek



VALUEHUB
Z Generation
INTERACTIVE FLAT PANEL

Value Smart Tech Co., Ltd.

About ValueSTek

Established in 2010, Value Smart Tech Co., Ltd, one company of ValueSTek Group, is a national high-tech enterprise engaging in R&D, manufacturer and sales of education and corporate presentation technology. With more than 12 years of development, ValueSTek has been well-known in the global market by its high quality products of interactive flat panel, interactive whiteboard, digital signage, video wall, PTZ camera, speakerphone, education and conference software etc. for using in education, house of worship, hospitality, government, and enterprise businesses.

ValueSTek adheres to the idea of creating “Value” with “Technology”, strikes deep roots in intelligent display technology, keeps innovating from technology, products and services, and is willing to work with our partners from all over the world to Create Value, Contribute Value and Share Value with Customers, Staff and Society!



ValueSTek has dedicated itself to education industry for more than 12 years. It is keenly aware of the huge potential of education industry, meanwhile, is facing challenge of to be innovative and benefit more people.

With the deep feelings and mission for education, and the company vision of creating “Value” with “Technology” and building a better future, ValueSTek continues to break through itself in technological innovation and quality control, and has developed the latest model Z Generation IFP with more affordable prices under the premise of ensuring high quality, so that new technologies can be more accessible with more affordable price by more educators and educational institutions, thereby promoting the development of the educational informationization in various countries and benefit more people.

Join us now, let us explore this huge market together, and empower education in the new century!

Innovative design to perfectly combine tradition and technology

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

Patented camera design brings more nature and comfortable virtual face-to-face experience

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

Ultra-high touch precision and speed for nature writing experience

Up to 20 points touch | Only 0.5mm super high positioning accuracy | Object recognition technology

4K UHD display everything in details perfectly

Industry-best latency | Wide color gamut | Anti blue-light | No flicker

Wide frequency response audio output

2.0 channel | 40W | Three-way professional loudspeakers



Discover the World from a New Perspective

“People from the past to the future.” Think of Gutenberg, Newton, Einstein, ...

Advances in technology have made video conferencing via the Internet a daily reality, and the common use of interactive display has made it even easier. However, while every delegate would typically participate in the meeting from his/her own perspective, ValueSTek asked the question, ‘Could there be a better perspective?’ Through pioneering research and perseverance ValueSTek overcame every obstacle, including cost and technological challenges, to offer you a bespoke solution with the brand new Z Generation ValueHub.

Like you, ValueSTek thinks outside the box to prove that the world can be better.

Perspective of being Monitored



Others

VS

Perspective of Virtual Face-to-Face



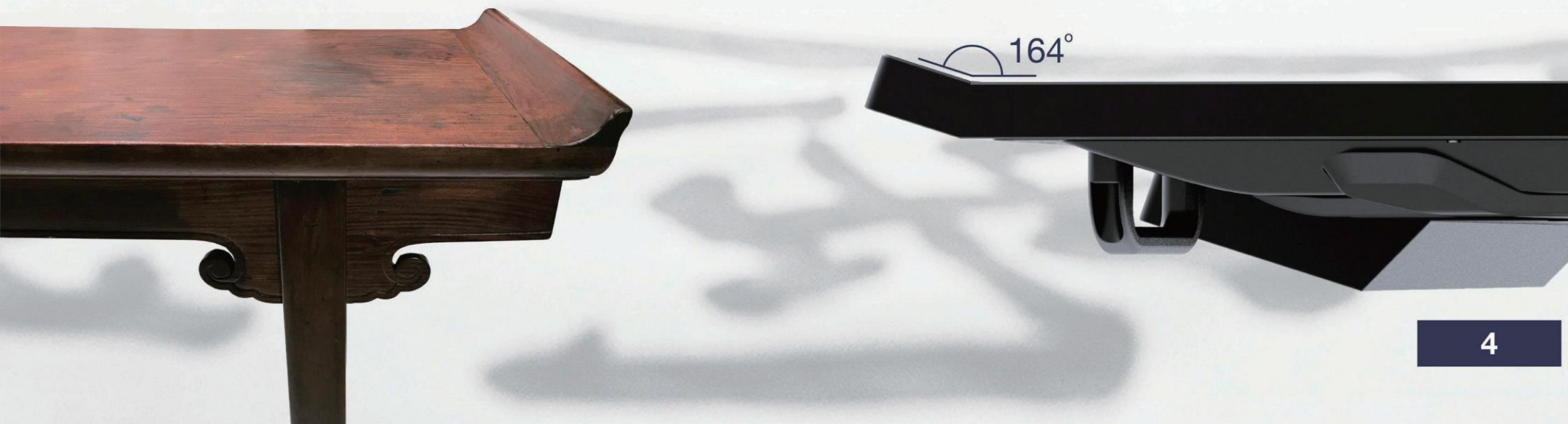
Z Generation ValueHub

A Legacy Embraced by Innovation

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

The "Qiaotou" curves reflect the form of traditional Chinese building cornices – looking natural, like wings stretched in flight. The curves add to the charm of the furniture, embodying the effective integration of Chinese traditional furniture with architecture.

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.



It Needs to Feel Natural



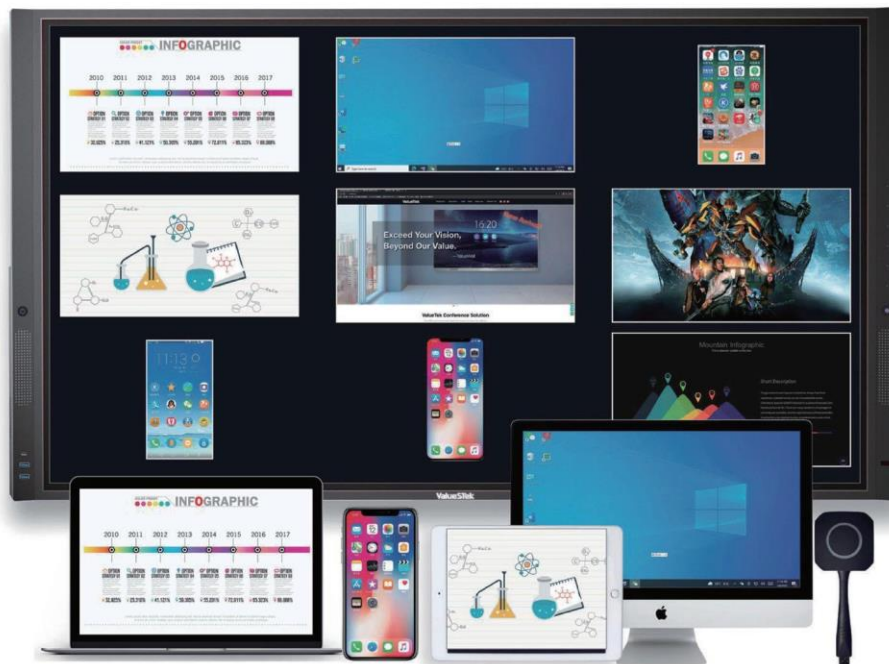
No matter how advanced the technology may be, people still like to write on paper.

Z Generation ValueHub gives you a smooth, natural pen-to-paper-like writing experience – smooth, accurate, with a rustle of the nib, as if you were writing on paper.

Equipped with an ultra-high speed precision multi-point touch screen, Z Generation ValueHub accurately remodels a traditional writing platform. Offering specially treated tempered glass and a flexible stylus tip to make contact as natural as writing on paper.

Plus, object recognition technology that can recognize two different nib sizes, supporting two different styles of handwriting. And, if you accidentally made a mistake, you can gently erase it with your palm – another ‘natural’ feature, loaded with technology.

More Sharing, More Wonderful



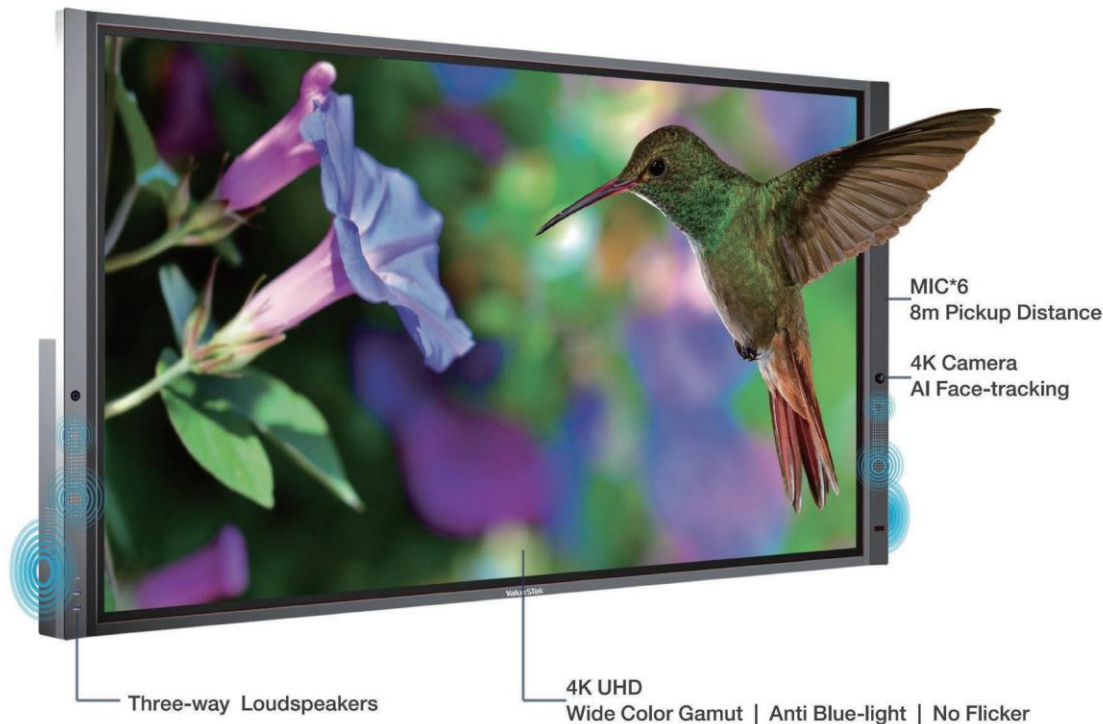
The newly upgraded Z Generation ValueHub offers a variety of wireless solutions to show case your creativity in seamless collaboration:

Enhanced Type-C connectivity with screen-mirrored audio, video and touch control for more concise and hassle-free delivery of your engaging interactive content.

Wireless screen-mirroring: Just plug in the USB dongle and click the button – the content on the PC can be then presented on the Z Generation ValueHub screen, increasing visibility and engagement in larger spaces. Plus, two-way control to make sure that your important information will not be missed.

Mobile terminal-mirroring: Smart, wireless sharing from multiple devices to up to 9 screens simultaneously to support and highlight the productivity of your team.

Small Things Matter Most



Features 4K UHD resolution, wide color gamut, anti blue-light, anti-glare and no-flicker screen. Z Generation ValueHub displays everything in detail, with greater clarity and much easier on the eye.

Offering two three-way professional loudspeakers with 40W audio output, Z Generation ValueHub unleashes a powerful bass, warm and clean mids, bright and clear highs with the power, clarity and precision of professional level speakers for an intense listening experience.

Built-in 4K UHD camera with AI face-tracking and 2D/3D noise reduction technology to ensure excellent presentation with the best picture quality for your participants.

6-Array microphones with 360° sound pickup up to 8m distance and automatic echo suppression. Pick up participant contributions from anywhere and make your mind heard all over the world.



Think Fast Move Faster

Equipped with the latest Android version,
Quad core ARM Cortex-A73 + Quad core Cortex- A53 CPU
G52*8(8 Core) GPU
Up to 8GB LPDDR4 + 128 GB on board Flash, the performance is improved by more than 2 times comparing to the previous generation.

* This is what ValueHub Pro+ coming with.

* ValueHub and ValueHub Pro are configured as: CPU: Quad core Cortex-A55 /GPU: Mali-G52 , 4GB + 32GB.

Slot OPS computer is optional with higher configurations like Intel 10th Gen i7-10700 CPU.

Manufacturing with 14nm process technology, the CPU design is Comet Lake, with 8-core and 16 threads to enable easy and smooth handling of multiple tasks.


* A variety of configurations are available for option.

Specifications

		ValueHub	ValueHub Pro	ValueHub Pro+
Display	Diagonal size	65"/ 75"/ 86"	65"/ 75"/ 86"	75"/ 86"/ 98"
	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. Optical Bonding technology is optional to enhance 4K resolution, wider view angle and more excellent writing experience. (VT-PD98Z-PRO+ is standard with Optical Bonding technology.)		
Built-in Android experience	CPU/GPU	Quad core Cortex-A55 CPU / Mali-G52 GPU		ARM Cortex-A73*4 + Cortex- A53*4 / G52*8(8 Core)
	RAM/Flash	4GB DDR RAM/ 32GB EMMC Flash		8GB LPDDR4 / 128 GB Flash
	Version	Android 11.0		Android 11.0
	Front port	Type-C*1, USB3.0*2		
	Back port	Ethernet RJ45*1, HDMI 2.0 IN*2, AV IN * 1, RS232*1, AV OUT*1, Earphone*1, SPDIF*1, WIFI 2.4G*1, WIFI 5G*1, ANDROID USB 2.0*1 ANDROID USB 3.0*1, Touch USB *1.		USB-C 3.0*1, RS232*1, Earphone*1, RJ45 IN*1, RJ45 OUT*1, SPDIF*1,USB-B 3.0*2, DP IN*1, HDMI IN*2, HDMI OUT *1, MIC*1, ANDROID USB 2.0*1, USB 3.0*2(Public),OTG USB*1
	Speaker	2x20 W (150Hz~15KHz@+/-3dB). With Three-way loudspeakers to faithfully reproduce sound signals in real time, bringing you high fidelity audio exactly as it was meant to be heard.		
	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		


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.

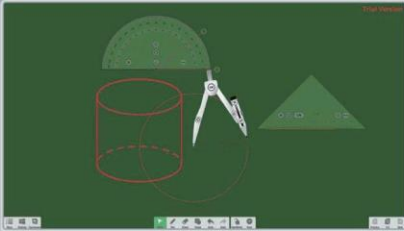


ValueBoard-Edu

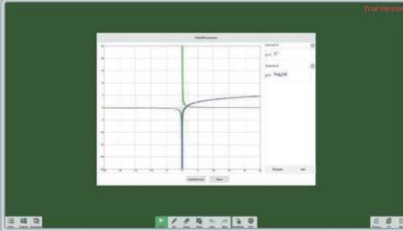
Software designed for education to deliver engaging lessons.



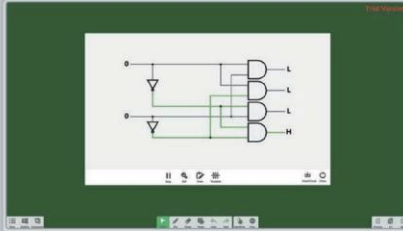
Writing Tools



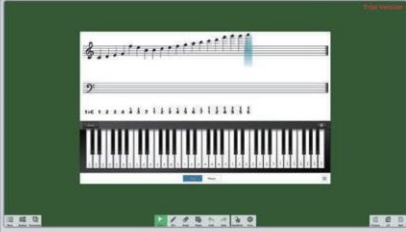
Drawing Tools




Mathematics




Physics



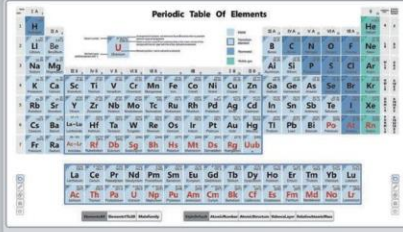
Music



Biology



Geography



Chemistry



Software to record lectures automatically and generate video courseware.

ValueRec



Software designed for meeting.

ValueBoard



Software to start stable and smooth video conference quickly.

ValueLink



Software to manage devices remotely with ease.

ValueDMS

Accessories - One-stop Solution

Round out your solution with ValueSTek accessories.



VT-CA101P

- *PTZ Camera
- *1080P
- *10X Optical Zoom
- *USB



VT-CA102P

- *PTZ Camera
- *1080P
- *5-30X Optical Zoom
- *USB/HDMI/SDI/LAN



VT-CA404P

- *PTZ Camera
- *4K UHD
- *12X Optical Zoom
- *NDI/USB/LAN



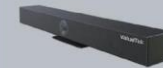
VT-CA105P

- *Binocular PTZ Camera
- *1080P
- *12/20X Optical Zoom
- *Auto Tracking



VT-CA403N

- *EPTZ Camera
- *4K UHD
- *3X Digital Zoom
- *Auto Tracking



VT-CA402I

- *ALL-IN-ONE
- *4K UHD
- *6 MIC
- *Voice Tracking



VT-DC01

- *4K UHD
- *Foldable
- *LED Lights
- *USB



VT-MIC03

- *4 Array MIC
- *6 Meter 360°
- *Wireless/ Wiired
- *USB/ WIFI/ Bluetooth



VT-MIC01

- *4 Array MIC
- *6 Meter 360°
- *Wireless/USB
- *1+1(Students+Teacher)



Mobile Stand

- *Elegant Design
- *360°
- *Storage Tray
- *55-98"



IR Touch Frame

- *10-20 Points Multi Touch
- *USB Plug-and-Play
- *42-300"



VT-WD01

- *Wireless Screen Sharing
- *4K UHD
- *Plug-and-Play
- *Two-Way Control

Education Solution

Think More for Education and Future



On-line Learning



Interactive Classroom

Interactive display is very important in modern education. Z Generation 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 ValueDMS and ValueRec 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



Small Meeting Room



Large Meeting Room

Compatible with multiple conference platforms, including Skype | Zoom | Microsoft Team | Welink | Webex | QQ | WeChat | Mindlinker | GoogleClass | ValueLink...

In addition, localized conference whiteboard software in Z Generation 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.



What do our clients say:

“Interactive flat panel is new to us in our country. It’s the first time we learned this product when I contacted ValueSTek. We were non-experience in smart education industry but she lead us to be professional with providing us product training, helping us to do marketing and assisting us to push on projects. Now business of interactive flat panel is an important point of growth in our company.”

---from CEO, Mr. Iyke Akinla in Africa

“Since we have ValueSTek interactive panel to our classroom, it’s new then surprised to me and the students. I can introduce various interesting videos, games and others to my lessons. Students participate more and become active learners.”

---from school teacher, Carla Modan in England

