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Website: [www.horion.com](http://www.horion.com)

Shenzhen Horion intelligent Technology Co., Ltd

**Horion**

Smart Interactive Flat Panel



## New Image of High-end Conference

With European design masters, we use new design language to create new products and won the national patents. With Horion IFP, it can definitely upgrade the image of the conference room! Horion smart interactive flat panel integrates functions of six devices, including projector, electronic whiteboard, computer, display, advertisement player and audio equipment. It is a multi- purpose machine for conference demonstration, whiteboard writing and annotation, wireless screen mirroring, video conference and remote cooperation,make the modern conference be easy and efficient.





## | Video Conference - Collaboration

### Whiteboard Sharing / Writing Synchronization / HD Video Conference

The unique cloud conferencing system supports screen sharing with mobile phone, iPads, computers and interactive flat panels without space limit. It can realize real-time, face-to-face communication, sharing and collaboration through two-way touch screen.

## | Wireless Screen Mirroring - Display

### 4K Screen Mirroring/Reverse Touch Control/Quad Split Screen

Horion interactive flat panel brings a new way of interaction and display. Images of computers, mobile phones and flat panels can be easily displayed on the same screen, easy to go on presentation, sharing and communication. Computer can be easy to start mirroring with Horion mirroring device, even in reverse control to realize two-way interaction. One screen can be divided into four parts, multi-screen display, supports mobile phones, computers, tablets and other devices, which allows multi-users, multi-devices to display simultaneously.



**Voting Machine**  
Convenient and smart voting



**Welcome Interface**  
Customize the welcome interface



**Smart Wake Up**  
Touch the screen to wake up automatically



**Agenda Timer**  
Easy to set countdown



**Feedback**  
Timely feed back to solve problems



**Any Interface Annotation**  
Annotate and save as you like





## I Touch Handwriting - Creative

### Pen Writing / Smart Form / Automatic Recognition

1MM detection precision, 20-point touch, brand-new writing software, single-point/multi-point writing modes. Two writing modes are available, intelligent handwriting algorithm, refined strokes to deliver amazing writing experience.

You can connect to mobile phones, stereos and other wireless devices via Bluetooth to transmit data, even connect to the printer to print.

It supports the insertion of graphics, 4K videos, and smart tables. The rich expression is only for the simple sharing experience.



### Touch Handwriting

Writing on Horion interactive flat panel with writing pen is fluent and smooth, and the color thickness can be freely selected. Comes with its own stroke to give you the real writing experience on a white paper.



### Erase with the Back of Your Hand

The back of the hand can be used as an eraser, with a light wipe, the content on the whiteboard can be erased.

# Small Screen Mirroring to Big Screen

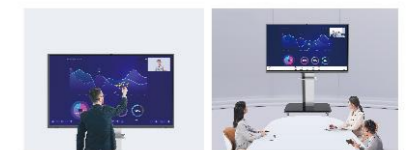
Independent R&D system of mirroring, supports Android/IOS devices, tablets, computer and other smart devices. Horion interactive flat panel can interact with laptops and splicing large screens, making the information transfer convenient and effectively.





## Zero-distance Cooperation

The unique cloud conferencing system supports screen sharing with mobile phone, iPads, computers and interactive-flat panels without space limit. It can realize real-time, face-to-face communication, sharing and collaboration through two-way touch screen.



## 13MP Camera

Built-in 13MP camera for clearer teleconference.



## 8-Array Microphone

Equipped with multiple voice algorithms such as echo cancellation, noise suppression, beamforming, etc., clear sound pickup, communication without barriers. Far-field pickup distance up to 8m, with no dead angle in the conference room.

## High-quality Dual Speakers

With the digital sound system, bright and penetrating treble, rich bass, you will be shocked by the sound effect.



## NFC One-click to Start Mirroring

A mobile phone with NFC function, to approach to the NFC area at the bottom of panel after turning on NFC, then you can quickly share the screen at once. Support 4 devices to display on the same screen simultaneously, multi-screen collaboration, information sharing, effectively reducing the cumbersome matters of document sorting, printing, and distributing before the meeting, easy to go on presentation, sharing and communication. Quickly call out the whiteboard software by moving Horion smart pen cap close to the NFC area, convenient and fast.

## Horion Wireless Sharing



Connect to the WIFI hotspot created by Horion interactive flat panel, scan the QR code after entering "Horion Wireless Sharing" app on the panel, select the pictures/files which are needed to share on the page of your smart device to realize fast wireless sharing.



## Horion M5A - Extraordinary Conference

Horion M5A interactive flat panel, a professional-level all-round smart conference pioneer, has a wider range of scene collaboration capabilities, allowing zero-distance collaborative office. To realize video conference, whiteboard writing, wireless mirroring, remote collaboration and more functions only need one Horion M5A. Functionable with simple operation.

### Android 8.0 + WINDOWS 10

Self-contained Android system, Windows is optional.

### Zero Fit Screen

The distance between the tempered glass and the screen is 0, which can effectively prevent light reflection. Show you the excellent display and writing experience.

### 13MP Camera+ 8-Array Microphone

The high-quality screen and clear audio-visual pickup system bring the excellent video conferencing experience to you.

### NFC

Built-in NFC function, you can call out the white board software with the supplied smart pen at any time. One-click to start mirroring could also be supported with NFC.

### New UI Design& Rich Apps

Swipe right to enter the frequently-used interface, swipe left to enter all applications, simple interaction and easy use; The UI design blends in with the elegant purple of Horion, high-end business and simple fashion design style, take a new look on vision; In pursuit of the better user experience, the Horion R&D team regularly pushes OTA upgrade package according to the comprehensive evaluation of new functions and users' feedback monthly and continuously optimizes the wonderful interactive performance of products.







## I Horion Conference Management

### Integrated Intelligent Control System/ Conference Doorplate / Enterprise Cloud

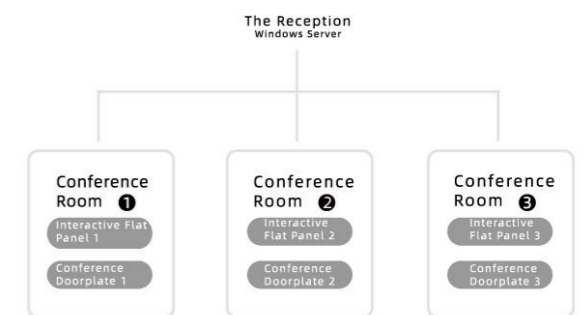
Horion is committed to making conferences easier and helping enterprises improve the efficiency of office scenes in a comprehensive and in-depth manner.

**Integrated Intelligent Control System:** Simultaneously control multiple interactive flat panel, which can realize application scenarios such as information release and conference room management.

**Conference Doorplate:** Display the details of the meeting, submit requirements (end the use of the meeting room, book tea, etc.).

**Enterprise Cloud:** it supports one-click to save blackboard-writing and documents, provides storage space for important meeting documents of enterprises.

The conference management system is a software&hardware systemspecially designed for managing multiple conference rooms. The administrator does not have to go to the designated meeting room to confirm the status, and check the usage of each meeting room directly by the server side(whether it is in use, other requirements or not, etc.);





## Horion - Shenzhen R&D Center

Shenzhen Horion Intelligent Technology Co., Ltd. is committed to becoming a leading provider of smart products and solutions in China. Located in the high-tech industrial park in Bantian, Shenzhen, it has set up multiple industrial parks in Shenzhen and Huizhou and many after-sales service outlets throughout the country.

Horion adheres to the corporate mission of "Intelligence Transforms the Future" and hopes to popularize the smart interactive flat panel among enterprises to help create high-end conference images. Horion smart interactive flat panel is not only a device for smart conference, but also a cross-era product that enhances corporate image, efficiency and intelligence. It can be applied to various scenarios such as business conferences, corporate offices, education training, and product display. It is powerful and easy to use.

Horion has always been focusing on product R&D with professionalism, dedication and innovation, and been committed to leading the breakthrough and innovation of commercial display products. Horion has never stopped exploring new conference solutions from a future perspective. Horion is developing cutting-edge technology to facilitate smart conferences and to bring forth a new era of smart business conferences.

## Made by Large Enterprise

Horion - A Brand of Shenzhen KTC Technology Group

### Top 100

Top 100 Electronic and Information Enterprises in China for consecutive 9 years

### Top 500

Top 500 Private Enterprises in Manufacturing Industry for consecutive 3 years

### 100,000 m<sup>2</sup>

Shenzhen Industrial Park

### 280,000 m<sup>2</sup>

Huizhou Industrial Park

### 6,000

Employees

### 5

World Top 5



Horion-Huizhou Factory

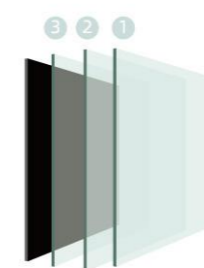
**4K**  
3840X2160



## | 4K Commercial Screen

### 3840×2160/ Commercial Grade / High Brightness

3.2mmAG anti-glare tempered glass, grade 7 MOHS hardness, effectively eliminating strong glare, and have a better writing experience; 4K UHD screen adopts high-quality commercial screen and the fifth-generation chip of color engine, which can make the picture quality closer to the natural colors.



- ① Touch Protection Layer
- ② Anti-glare Protection Layer
- ③ Tempered Glass Layer





## Exquisite Appearance

The minimalist design incorporates ideas of oriental aesthetics and European masters, to make M5A a stylish high-end artwork, contracted but not simple.

The zero fitting process is firstly adopted to revitalize the visual sense. Every frame is like the scene of a blockbuster in the cinema. The screen glass and display screen adopt the industrial zero fitting process, which presents more delicate picture quality and better writing experience. It's designed with AG tempered glass, anti-finger print coating and anti-glare protection layer.



Exquisite Shelf (removable)

M5A Series Product Parameters			
Model	65M5A	75M5A	86M5A
Size	65"	75"	86"
<b>Display</b>			
Backlight Type	D-LED	D-LED	D-LED
Resolution	3840*2160 (UHD)	3840*2160 (UHD)	3840*2160 (UHD)
Brightness	350 cd/m <sup>2</sup>	400 cd/m <sup>2</sup>	400 cd/m <sup>2</sup>
Contrast Ratio	1200:1	1200:1	1200:1
Response Time	8ms	8ms	8ms
Pixel Pitch	0.372mm*0.372mm	0.4296mm*0.4296mm	0.4935mm*0.4935mm
Frame Rate	60Hz	60Hz	60Hz
Viewing Angle	178°(H) / 178°(V)	178°(H) / 178°(V)	178°(H) / 178°(V)
Color Saturation (x%NTSC)	72%	72%	72%
Visible Area	1428.48mm*803.52mm	1649.664mm*927.936mm	1895.04mm*1065.96mm
Chromaticity	1.07B(10bit)	1.07B(10bit)	1.07B(10bit)
Life Time	30,000 hrs	30,000 hrs	30,000 hrs
<b>System Properties</b>			
System Version	Android 8.0 (Windows is optional)	Android 8.0 (Windows is optional)	Android 8.0 (Windows is optional)
CPU	MSD8386	MSD8386	MSD8386
CPU working frequency	1.5GHz	1.5GHz	1.5GHz
CPU core	Four	Four	Four
GPU	Mali-G51	Mali-G51	Mali-G51
(RAM)	3GB	3GB	3GB
(ROM)	64GB Standard	64GB Standard	64GB Standard
<b>Power</b>			
Voltage	100 V ~ 240 V/AC, 50/60 Hz	100 V ~ 240 V/AC, 50/60 Hz	100 V ~ 240 V/AC, 50/60 Hz
Maximum power (without OPS)	220W	300W	380W
Standby Power	<0.5W	<0.5W	<0.5W
Power (AC) Input	•1	•1	•1
<b>Touch Parameters</b>			
Touch Screen	Touch type: infrared touch frame; glass type: 3.2mmAG tempered glass; response time: ≤8ms; touch accuracy: ±1mm		
<b>Camera + microphone</b>			
Camera	Pixel: 1,300W		
Microphone	Linear 8-array microphone; audio pickup distance: 8m		
<b>Function</b>			
Sound Power	10W *2		
NFC	Support		
Bluetooth	Support		
<b>Display Interface</b>			
Interface	HDMI-IN 2, DP-IN 1, VGA-IN *1, OPS (OPS is optional) *1, LAN network port*2, type-C *1, Android USB *2, Public USB *2, Touch-USB*1, pc-Audio IN *1, HDMI-OUT *1, S/PDIF *1, Audio-OUT *1, RS232-IN*1		
<b>Structure</b>			
Net Weight	42Kg±1.5Kg	50Kg±1.5Kg	68Kg±1.5Kg
Gross Weight	54Kg±1.5Kg (heavy carton)	70Kg±1.5Kg (heavy carton)	89Kg±1.5Kg (heavy carton)
Bare machine dimensions (L * W * H)	1511.56mm*86.08mm*907.89mm	1722.41mm*87.08mm*1022.15mm	1967.65mm*87.28mm*1160.15mm
Package Size (L * W * H)	1,660mm*245mm*1,045mm (heavy carton)	1,880mm*280mm*1,160mm (heavy carton)	2,140mm*280mm*1,340mm (heavy carton)
VESA	4-M8 screw hole 600mm*400mm	4-M8 screw hole 800mm*400mm	4-M8 screw hole 800mm*600mm
Shell material (face frame / rear shell)	Aluminum profile / sheet metal	Aluminum profile / sheet metal	Aluminum profile / sheet metal
Shell color (face frame / rear shell)	Dark tarnish / black	Dark tarnish / black	Dark tarnish / black
<b>Computer Module (optional)</b>			
I5,OPS(optional)	Intel®Core™I5 8400 processor, RAM: 8GB + SSD: 128GB		
<b>Packing List</b>			
List	Accessory list*1, smart pen + receiver*1, smart pen charging ire*1, cable*1, writing pen *1, double-end writing pen*1, screen mirroring device*1, remote control*1, battery*2, expansion screw *8, , instruction manua USB flash disk *1, instruction manual *1, certificate of quality / warranty card*1, 3m power cord*1;		

Note: the relevant data are for reference only. The specific parameters shall be subject to the actual product. The data were carefully checked for accuracy. There's no notice of any change in product function and specification, and the company reserves the final interpretation right to the relevant contents in the data.

## Screen Mirroring Device

One-click to Start Mirroring



## Smart Pen

Three Keys Design for Manipulating Ease



## Writing Pen

Exquisite Design and Easy Operation



The pianopaint frosting process combines simple artistic spirit, elegant and extraordinary; intelligent magnetic design, extremely light pen body, easy to use; annotate smoothly.

## Microphone

Three Keys Design for Simple Operation



360° sound pickup, sound positioning, ultra-long-distance communication, AI noise reduction; built-in lithium battery, 10H ultra-long talking; Calling by USB, Bluetooth, AUDIO cable is supported, easy to use, and compatible with a variety of devices.

## Conference Doorplate

Smart Conference Management System



10.1" IPS screen: support meeting reservation/tea reservation/meeting system management,intelligent in allocating meeting rooms, one-click to manage meetings, 1+16G storage, and wireless network connection

## Mobile Stand

Exquisite, and Movable



HK76, brand-new base, dedicated-for Horion interactive flat panel,made of high-quality carbon steel, safe, reliable, and convenient to move.

## Camera

Seamless Collaboration of HD Video



110° viewing angle, 4K resolution, compatible with most video conferencing software, without additional drivers, plug and play, stable and smooth.

## Computer Module

Powerful Chip Architecture with Great Performance



The computer mould adopts Intel Core,which supports energy-saving and extended memory 64 technology,with powerful running ability. It can be compatible with various video software,users can install freely to meet individual needs.

## Application Scenarios

Horion empowers efficient development of enterprises by means of science and technology. Its products have been fully used for business conferences, corporate office, education and training, product display and other application scenarios, which comprehensively enhance the high-end image of enterprises to boost the market competitiveness of enterprises.



### Conference

Horion can promote the efficiency of a meeting. Conferences can be held without limitation of office space and office distance at any time any place, achieving efficient collaboration.



### Training

Easily realize remote training and help training institutions to achieve diversified, informationalized, convenient knowledge dissemination.



### Commercial Display

Diverse information can be flexibly released and displayed, with intelligent centralized control management, all things are under control.



### Education

It aims to build modern classrooms to facilitate the sharing of teaching resources, collaboration in teaching affairs conferences, and the interconnection and transmission of multi media tools.



## M5A Smart Interactive Flat Panel

The ultra-narrow edge is integrated with the whole machine design, with excellent appearance and talent; 4K HD large screen, Hi-Fi sound system, sensory awakening; handwriting recognition reconstructs the traditional, more convenient ways of expression; brand-new NFC function supports one-click to mirroring, easy to share; multi scenario collaboration, great potential, beyond your imagination.