

# Horion

## SUPER INTERACTIVE FLAT PANEL



# Horion

## THE NEW IMAGE OF HIGH-END CONFERENCE

The design comes from European design masters. It has obtained a national patent and can help upgrade conference room image.



### FINE WRITING

- 1mm detection precision 20 points touch control

M3A brand new writing software, 1MM detection precision, single-point/multi-point writing modes. Two writing modes available, intelligent handwriting algorithm, refined strokes to deliver amazing writing experience.

- Easy to do annotations

Just click on the "Annotate" button to give annotations on any interface you like, and it can be saved through the screenshot.

- Easy to share through the QR code

You can share content via U disk, or email, or you can generate a QR code, then scan it with cellphone and review it later.



Thin body, narrow bezel  
Classical narrow bezel, 7MM depth of cushion, and built-in WIFI antenna, provide a wide view.



www.horion.com



### REMOTE CLOUD CONFERENCE ZERO DISTANCE COLLABORATION

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

### WIRELESS SCREEN MIRRORING - EASY TO SHARE

Wireless screen mirroring, Easy to display content

The Horion interactive flat panel brings a new way of interaction. It supports screen mirroring with computer, mobile phone and tablet to facilitate better conference display, information sharing and communication.



#### Mirroring PC to interactive flat panel

1. Insert the screen mirroring device into interactive flat panel for pairing;
2. Insert the paired screen mirroring device into the laptop;
3. Click the screen mirroring device to get started.



#### Mirroring iPad, mobile phone to interactive flat panel

For Android mobile phone, an app must be downloaded before mirroring; For iPhone and iPad, use its own screen mirroring function to interact with the conference interactive flat panel.



### Dual-screen Display

While displaying the document or video on one side, you can write down the comments on the other side; While writing on the whiteboard, you can make the voting on the other side; ....



## 4K SCREEN

For 4K ultra-high-definition screen, LG IPS is the best choice as it comes with high contrast and wide color gamut. The fifth generation color engine chip presents you with more natural picture quality.

## TEMPERED GLASS PROTECTION

The tempered glass with AG film effectively eliminates strong glare, clearly presents screen content, and captures every detail, just to provide you with a wonderful visual experience.



- TOUCH PROTECTION LAYER
- ANTI-GLARE LAYER
- 4MM TEMPERED GLASS LAYER, GRADE 7 MOHS HARDNESS



4K



3G RAM

3G RAM for M3A, powerful multi-tasking capability, easy to open all kinds of documents and applications



32G ROM

32G ROM provides more room for all applicable conferencing software.



Android 8.0

The built-in Android 8.0 operating system provides stable operation and powerful processing capability.



Windows 10

Windows 10 module is optional for Android and Windows dual system configuration.

Wide usages  
(Business meeting)



Wide usages  
(Education and training)



Wide usages  
(Commercial display)



## Highlights



### Bluetooth

Connect mobile phone or iPad to the interactive flat panel via Bluetooth for wireless data transmission.



### Welcome Page

A variety of welcome pages are provided to meet the needs of enterprises, government agencies at different scenes.



### Lock screen

One tap to enter the screen standby mode, and the lock screen password can be set for safety reasons; and another tap to wake up the screen. Suitable for the coffee break or pause during a meeting.



### Timer

Record the duration of the meeting. The APP can be moved anywhere on the screen, and participants can always keep track of the time.



### WPS

WPS can open multi-format files, like PPT, PDF, etc., support multi-language, and can be annotated in any channel.

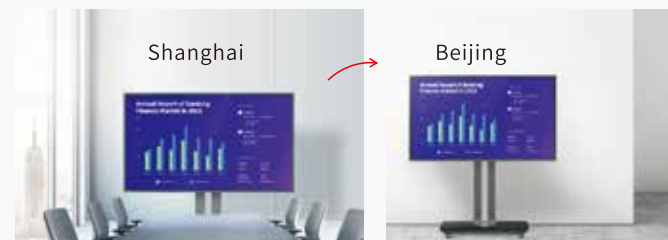


### Connect the printer

Connect the printer to the interactive flat panel to print and distribute paper documents during the meeting.

### Whiteboard sharing

Share real-time whiteboard with remote video function off. This facilitates cross-region meetings and training, and saves travel expenses.



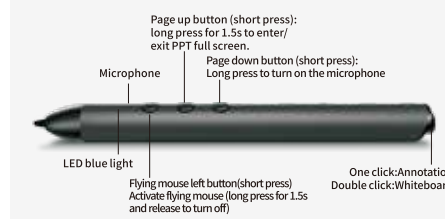
### Voting result display of vote kit

Choose the Vote & Score mode. Participants can vote anonymously to ensure that the voting is fair and equitable; then it will generate a column chart automatically to present the results.

## Accessories (optional)

### NEW SMART PEN

Three-key design Easy to use



Page up button (short press): long press for 1.5s to enter/exit PPT full screen.  
Page down button (short press): Long press to turn on the microphone.  
Microphone  
LED blue light  
Flying mouse left button(short press)  
Activate flying mouse (long press for 1.5s and release to turn off)  
One click/Annotation  
Double click:Whiteboard

### CAMERA

Applicable to corporate video conferencing, compatible with Windows, Mac, Android, Linux systems, support most video conferencing software.

12 megapixel lens  
2x electronic zoom  
118 degree wide angle  
USB port, no driver needed  
12 megapixel lens  
2x electronic zoom  
118 degree wide angle  
USB port, no driver needed.



### MICROPHONE

Intelligent noise reduction to enhance the sound; 360-degree sound acquisition within 8m, suitable for most conference rooms; 2600mh lithium battery, up to one month long standby; suitable for audio, video conferences.



### SCREEN MIRRORING DEVICE

It wirelessly transfers files such as PPT, Word, Excel on the laptop to the interactive flat panel.

### MOBILE STAND

Strong and stable, easy to move



### OPS COMPUTER

Intel Core i5 7th generation CPU, 64-bit, integrated Intel display core, can run large complex software.



## M3A SERIES PRODUCT PARAMETERS

Model	55M3A	65M3A	75M3A	86M3A	98M3A
Dimension	55"	65"	75"	86"	98"
Display					
Backlight Type	D-LED	D-LED	D-LED	D-LED	D-LED
Resolution	3840*2160 (UHD)	3840*2160 (UHD)	3840*2160 (UHD)	3840*2160 (UHD)	3840*2160 (UHD)
Brightness	350cd/m <sup>2</sup>	450cd/m <sup>2</sup>	450cd/m <sup>2</sup>	400cd/m <sup>2</sup>	500cd/m <sup>2</sup>
Contrast Ratio	1300:1	1300:1	1200:1	1200:1	1300:1
Response Time	6ms	6ms	8ms	8ms	8ms
Pixel Pitch	0.420mm*0.315mm	0.496mm*0.372mm	0.429mm*0.429mm	0.4935mm*0.4935mm	0.5622mm*1214.352mm
Refreshing Frequency	60Hz	60Hz	60Hz	60Hz	120Hz
Viewing Angle	178°(H) / 178°(V)	178°(H) / 178°(V)	178°(H) / 178°(V)	178°(H) / 178°(V)	178°(H) / 178°(V)
Saturation(% NTSC)	65%	65%	65%	65%	65%
Visible Area	1209.6mm*680.4mm	1428.48mm*803.52mm	1649.66mm*927.94mm	1895.04mm*1065.96mm	2158.848mm*1214.352mm
Chromaticity	1.07B(10bit)	1.07B(10bit)	1.07B(10bit)	1.07B(10bit)	1.07B(10bit)
Life Time	30,000 hrs	30,000 hrs	30,000 hrs	30,000 hrs	30,000 hrs
System Properties					
CPU Architecture	ARM A73+A53	ARM A73+A53	ARM A73+A53	ARM A73+A53	ARM A73+A53
CPU Working Frequency	1.5GHz	1.5GHz	1.5GHz	1.5GHz	1.5GHz
CPU Core	Quad Core	Quad Core	Quad Core	Quad Core	Quad Core
GPU	Mali-G51	Mali-G51	Mali-G51	Mali-G51	Mali-G51
RAM	3GB	3GB	3GB	3GB	3GB
ROM	32GB	32GB	32GB	32GB	32GB
Power					
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	100 V ~ 240 V/AC, 50/60 Hz	100 V ~ 240 V/AC, 50/60 Hz
Maximum Power (Without Ops)	140W	170W	400W	440W	480W
Standby Power	<0.5W	<0.5W	<0.5W	<0.5W	<0.5W
AC Input	+1	+1	+1	+1	+1
Interface + Speaker	HDMI IN: *2; DP IN (Optional) : *1; VGA IN: *1; OPS Interface: *1; LAN Port: *2; Android USB: *2; Public USB: *2; Touch-USB: *1; PC-Audio OUT: *1; HDMI OUT: *1; S/PDIF OUT: *1; Audio OUT: *1; Rs232: *1; Speaker: 2*15W				
Structure					
Net Weight	31.5Kg±1.5Kg	43.5Kg±1.5Kg	58Kg±1.5Kg	76Kg±1.5Kg	136.3Kg±1.5Kg
Gross Weight	42Kg±1.5Kg(Heavy Carton)	56Kg±1.5Kg(Heavy Carton)	78.2Kg±1.5Kg(Heavy Carton)	98Kg±1.5Kg(Heavy Carton)	187.5Kg±1.5Kg(Heavy Carton)
Product Size (L*W*H)	1304.0mm*93.5mm*774.8mm	1511.95mm*98.6mm*887mm	1741.7mm*103.4mm*1020.2mm	1995.2mm*111.9mm*1166.3mm	2242mm*117mm*1298mm
Package Size (L*W*H)	1420mm*245mm*910mm	1660mm*245mm*1045mm	1880mm*280mm*1160mm	2140mm*280mm*1340mm	2525mm*435mm*1750mm
Vesa	4-M8 Screw Hole 400mm*400mm	4-M8 Screw Hole 600mm*400mm	4-M8 Screw Hole 600mm*400mm	4-M8 Screw Hole 700mm*400mm	4-M8 Screw Hole 800mm*400mm
Housing Material (Front/Back)	Aluminum/Metal Plate	Aluminum/Metal Plate	Aluminum/Metal Plate	Aluminum/Metal Plate	Aluminum/Metal Plate
Housing Color (Front/Back)	Deep Gun(White)/Black	Deep Gun(White)/Black	Deep Gun(White)/Black	Deep Gun(White)/Black	Deep Gun(White)/Black
Touch System					
Touch Type	Infrare Touch Frame	Infrare Touch Frame	Infrare Touch Frame	Infrare Touch Frame	Infrare Touch Frame
Glass Type	4mm AG Tempered Glass	4mm AG Tempered Glass	4mm AG Tempered Glass	4mm AG Tempered Glass	4mm AG Tempered Glass
Respond Time	<10ms	<10ms	<10ms	<10ms	<10ms
Touch Accuracy	±1mm	±1mm	±1mm	±1mm	±1mm
Input Mode	Finger/Writing Pen	Finger/Writing Pen	Finger/Writing Pen	Finger/Writing Pen	Finger/Writing Pen
Operating System					
Support Multi Touch Control	Multi-point: Windows 7/8/10, Android, Linux; Single-point: Windows XP, Mac OS X, Chrome				

Note: The relevant specifications are for reference only. The specific parameters are subject to the actual product. The information has been carefully checked and is accurate to the best of our knowledge. The product features and function are subject to change without notice. The company reserves the right to final interpretation of the contents.