

horion
SUPER INTERACTIVE FLAT PANEL



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Note: The relevant data is 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 function is subject to change without notice. The company reserves the right to final interpretation of the content.

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www.horion.com

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.





Horion

AFFILIATE OF KTC GROUP

100,000 m² Shenzhen R&D base

280,000 m² Huizhou production base

6,000 employees

Horion

China Top 500 Private Enterprise in Manufacturing
Industry for 3 consecutive years

China Top 100 Electronics Enterprise
for 9 consecutive years

General Distributor of LG Commercial
Display in China





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.





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.

■ Two-way control, Enhances interaction

With the Horion screen mirroring device connected to the computer, you can control the computer via interactive flat panel. And this helps to realize two-way control.

■ Quad split Screen, Easy to make comparison

Quad split screen makes one screen for many devices possible. The flat panel supports screen mirroring with phone, tablet and PC to meet the needs of simultaneous display for multi users and devices.



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.



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.

MORE APPLICATIONS...



VOTE KIT
Easy&smart Vote Kit



WELCOME PAGE
Self-defined welcome interface



FEEDBACK
Give prompt feedback and get respond instantly



SMART WAKE UP FUNCTION
Just tap the screen to wake up the device



TIMER
Set countdown easily



MULTI-CHANNEL ANNOTATION
Annotate anywhere you like and it can be easily saved



MIRRORING SMALL SCREEN TO BIG SCREEN, WIDER VIEW

Content on interactive flat panel can be displayed on the projection screen and the computer simultaneously, and the images are clear and displayed smoothly. You can write, annotate, touch to flip pages on interactive flat panel, and all operations will be synchronized on the three screens. This enables direct and fast information transmission.



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.



- ① TOUCH PROTECTION LAYER
- ② ANTI-GLARE LAYER
- ③ 4MM TEMPERED GLASS LAYER, GRADE 7 MOHS HARDNESS





M3A

MORE THAN BEAUTIFUL

The precise infrared touch control technology brings a true writing experience; the powerful dual-system independent module, and the LG 4K display with narrow bezel delivers extraordinary visual experience and human-computer interaction.

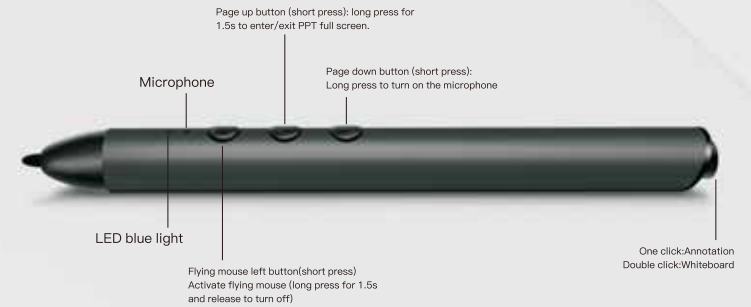
- **LG 4K COMMERCIAL SCREEN**
LG 4k screen, real high definition
- **ELEGANT APPEARANCE**
Narrow metal bezel 7mm depth of cushion
- **QUAD CORE HIGH PERFORMANCE CPU**
Dual A73+A53 CPU structure, 3+32G large memory
- **MULTIPLE APPLICATIONS**
Built-in WPS, Vote Kit, Timer and other conference-related software
- **HD IMAGE**
Image motion compensation, color enhancement
- **MODULAR DESIGN**
Android system (standard), Windows system (optional)

M3A SERIES PRODUCT PARAMETERS

Model	55M3A	65M3A	75M3A	86M3A
Dimension	55"	65"	75"	86"
Display				
Backlight Type	D-LED	D-LED	D-LED	D-LED
Resolution	3840*2160 (UHD)	3840*2160 (UHD)	3840*2160 (UHD)	3840*2160 (UHD)
Brightness	350cd/m ²	450cd/m ²	450cd/m ²	400cd/m ²
Contrast Ratio	1300:1	1300:1	1200:1	1200:1
Response Time	6ms	6ms	8ms	8ms
Pixel Pitch	0.420mm*0.315mm	0.496mm*0.372mm	0.429mm*0.429mm	0.4935mm*0.4935mm
Refreshing Frequency	60Hz	60Hz	60Hz	60Hz
Viewing Angle	178°(H) / 178°(V)	178°(H) / 178°(V)	178°(H) / 178°(V)	178°(H) / 178°(V)
Saturation(4% Ntsc)	65%	65%	65%	65%
Visible Area	1209.6mm*680.4mm	1428.48mm*803.52mm	1649.66mm*729.94mm	1895.04mm*1065.96mm
Chromatically	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
System Properties				
CPU Architecture	ARM A73+A53	ARM A73+A53	ARM A73+A53	ARM A73+A53
CPU Working Frequency	1.5GHz	1.5GHz	1.5GHz	1.5GHz
CPU Core	Quad Core	Quad Core	Quad Core	Quad Core
GPU	Mali-G51	Mali-G51	Mali-G51	Mali-G51
RAM	3GB	3GB	3GB	3GB
ROM	32GB	32GB	32GB	32GB
Power				
Voltage	100V ~ 240 V/AC, 50/60 Hz	100V ~ 240 V/AC, 50/60 Hz	100V ~ 240 V/AC, 50/60 Hz	100V ~ 240 V/AC, 50/60 Hz
Maximum Power (Without Ops)	140W	170W	400W	440W
Standby Power	<0.5W	<0.5W	<0.5W	<0.5W
AC Input	-1	-1	-1	-1
Interface				
HDMI IN	-2	-2	-2	-2
DP IN (optional)	-1	-1	-1	-1
VGA IN	-1	-1	-1	-1
OPS IN	-1	-1	-1	-1
LAN IN	-2	-2	-2	-2
Android USB	-2	-2	-2	-2
Public USB	-2	-2	-2	-2
Touch-USB	-1	-1	-1	-1
PC-Audio IN	-1	-1	-1	-1
HDMI OUT	-1	-1	-1	-1
S/PDIF OUT	-1	-1	-1	-1
Audio OUT	-1	-1	-1	-1
Rs232	-1	-1	-1	-1
Structure				
Net Weight	31.5kg±1.5kg	43.5kg±1.5kg	58kg±1.5kg	76kg±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)
Product Size (L*W*H)	1304.0mm*93.5mm*774.8mm	1511.95mm*98.6mm*987mm	1741.7mm*103.4mm*1020.2mm	1995.2mm*111.9mm*1166.3mm
Package Size (L*W*H)	1420mm*245mm*910mm(Heavy Carton)	1660mm*245mm*1045mm(Heavy Carton)	1880mm*280mm*1160mm(Heavy Carton)	2140mm*280mm*1340mm(Heavy Carton)
Vesa	4-M6 Screw Hole 400mm*400mm	4-M6 Screw Hole 600mm*400mm	4-M6 Screw Hole 600mm*400mm	4-M6 Screw Hole 700mm*400mm
Housing Material (Front/Back)	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
Touch System				
Touch Type	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
Respond Time	<10ms	<10ms	<10ms	<10ms
Touch Accuracy	±1mm	±1mm	±1mm	±1mm
Input Mode	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			

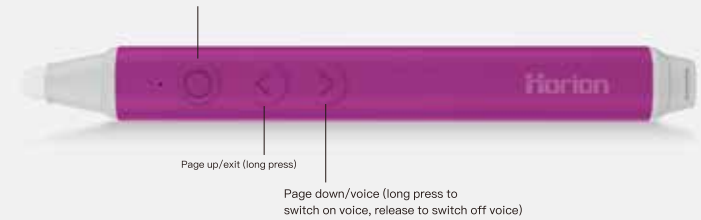
NEW SMART PEN

Three-key design Easy to use



SMART PEN

Left mouse button/indicative function (long press to call out flying mouse, release to switch off flying mouse)



NEW WRITING PEN



MOBILE STAND

Strong and stable,easy to move



MICROPHONE

360-degree sound acquisition
noise reduction



CAMERA

HD lens,autofocus



SCREEN MIRRORING DEVICE

One button screen mirroring,
share simultaneously



OPS COMPUTER

Powerful performance,
ready to use instantly



STORAGE BOX

Convenient storage



GOVERNMENT AGENCIES

Horion interactive flat panel walks into government agencies and institutions, streamlining business processes, improving efficiency, and helping to build a more efficient service-oriented government.



HUIZHOU DISTRICT CUSTOMS



GUIZHOU FOOD BUREAU



SHENZHEN COURT



GUIZHOU JUSTICE BUREAU



CHINA CUSTOMS



CHINA EARTHQUAKE ADMINISTRATION

BANKS

More and more banks recommend Horion interactive flat panel. With its help, they realize innovation and services upgrade to provide customers with efficient and convenient all-round services.



BANK OF CHINA



ICBC



CHINA EVERBRIGHT BANK



BANK OF COMMUNICATIONS



BAOSHANG BANK



CHINA CONSTRUCTION BANK

REAL ESTATE

Horion interactive flat panel supports multi-touch function. You can handwrite to input words by touching the screen, play videos of real estate industry, and search and compare the house type as you need on the flat panel.



SHAANXI CONSTRUCTION GROUP



WANYE REAL ESTATE



** CONSTRUCTION GROUP



ZHONG * GREEN BUILDING



JINKE REAL ESTATE



BEIJING ** CONSTRUCTION GROUP

SCHOOLS

Horion interactive flat panel is gradually becoming a "little assistant" for teachers and students in schools and universities. It keeps teachers and students away from dust, and presents diversified teaching methods for teachers, making the classroom atmosphere more relaxed and improving learning interest and teaching quality.



TSINGHUA UNIVERSITY



SHENZHEN UNIVERSITY



SHANGHAI JIAOTONG UNIVERSITY



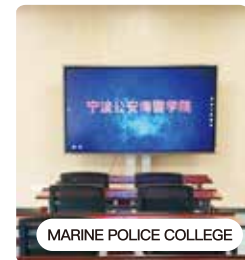
GUANGDONG SHANWEI ** SCHOOL

TRAINING INSTITUTIONS

Only after advanced technical products are deeply integrated with teaching they can really bring changes in teaching. Horion interactive flat panel contributes to education informatization by providing high-quality products and services.



BEIJING ** CONSTRUCTION GROUP



MARINE POLICE COLLEGE



HUNAN ** SCHOOL

MANUFACTURING INDUSTRY

As technology collides with tradition, Horion interactive flat panel injects new vitality into the manufacturing industry, brings more convenient and efficient interactive conference experience, and improves the efficiency of team communication and collaboration.



Guiyang ** Electromechanical Co., Ltd.



Chengdu ** Wood Industry Co., Ltd.



Chongqing ** Co., Ltd.



Henan ** High Technology Co., Ltd.



TCL** Co., Ltd.



Jiaozuo** Co., Ltd.

ENTERPRISES

When brainstorming, enterprises use Horion interactive flat panel to write and discuss, freely express their will, and easily capture ideas, which not only improves the efficiency of the meeting, but also allows inspiration to collide at any time and stimulate the potential of Innovation.



INNER MONGOLIA ** POWER GROUP



HANGZHOU ** FUND TOWNSHIP



ZHENG ** INVESTMENT GROUP



SHENZHEN ** NEWSPAPER GROUP



SINOPEC MEETING ROOM



SINOGRAIN



URUMCHI AIRPORT



WUHAN** AIRPORT