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

China Top 100 Electronics Enterprise for 9 consecutive years

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

General Distributor of LG China Commercial Display

FINE WRITING

■ **1mm detection precision 20 points touch control**

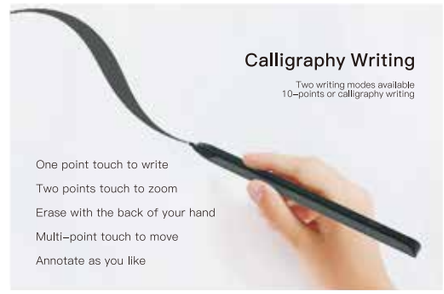
M3A brand new writing software, 1MM detection precision, single-point/multi-point writing modes Two writing modes available, intelligent handwriting algorithm, refined strokes to deliver amazing writing experience.

■ **Easy to add comments**

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 Enhanced 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.

Split screen display Easy to make comparison

Split the screen into 4 identical parts to display contents from multiple devices: cellphone, tablet or computer. With this way multiple users and devices can use interactive flat panel at the same time.

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. Tap 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 screen mirroring function to interact with the conference interactive flat panel in real time.

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...

VOTEKIT
Easy&smart votekit

WelcomePage
Self–defined welcome interface

FEEDBACK
Give prompt feedback and respond instantly

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

Timer
Setcountdowneasily

MULTI–CHANNELANNOTATION
Annotate anywhere you like and it can be easily saved

MIRRORING SMALL SCREEN TO BIG SCREENWIDER VIEW

Content on interactive flat panel can be displayed on the projection screen and the computer simultaneously, and the images are clear and play 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

OFFERS FAR MORE THAN WHAT YOU CAN SEE

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 SCREEN**
  lg 4k screen, image as closer as the real nature
- **ELEGANT APPEARANCE**
  narrow 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	98M3A
Size	55"	65"	75"	86"	98"
Display					
Backlight type	D-LED	D-LED	D-LED	D-LED	D-LED
Resolution	3840*2160（4K）	3840* 160（4K）	3840*2160（4K）	3840*2160（4K）	3840*2160（4K）
Brightness	350cd/m²	450cd/m²	450cd/m²	400cd/m²	450cd/m²
Contrast Ratio	1300:1	1300:1	1200:1	1200:1	1300:1
Response Time	6ms	6ms	8ms	8ms	6ms
Pixel Pitch	0.420mm*0.315mm	0.496mm*0.372mm	0.429mm*0.429mm	0.4935mm*0.4935mm	0.5622mm*0.5622mm
Refreshing frequency	60Hz	60Hz	60Hz	60Hz	60Hz
Viewing angle	178°(H)/178°(V)	178°(H)/178°(V)	178°(H)/178°(V)	178°(H)/178°(V)	178°(H)/178°(V)
Color Gamut	65%	65%	65%	65%	65%
View area	1209.6mm*680.4mm	1428.48mm*803.52mm	1647.36mm*926.64mm	1895.04mm*1065.96mm	2158.848mm*1214.35 mm
Display Colors	1.07B(10bit)	1.07B(10bit)	1.07B(10bit)	1.07B(10bit)	1.07B(10bit)
Life Time	30,000hrs	30,000hrs	30,000hrs	30,000hrs	30,000hrs
System Properties					
Architecture	ARM A73+A53	ARM A73+A53	ARM A73+A53	ARM A73+A53	ARM A73+A53
Working Frequency	1.5GHz	1.5GHz	1.5GHz	1.5GHz	1.5GHz
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	100V~ 40V/AC,50/60Hz	100V~240V/AC,50/60Hz	100V~240V/AC,50/60Hz	100V~240V/AC,50/60Hz	100V~ 40V/AC,50/60Hz
Power consumption without OPS	140W	170W	400W	440W	480W
Power consumption in standby mode	<0.5W	<0.5W	<0.5W	<0.5W	<0.5W
Power(AC) Input	*1	*1	*1	*1	*1
Interface					
HDMI IN	*2(HDMI2 4K 60HZ Supported)	*2(HDMI2 4K 60HZ Supported)	*2(HDMI2 4K 60HZ Supported)	*2(HDMI2 4K 60HZ Supported)	*2(HDMI2 4K 60HZ Supported)
LAN	*1	*1	*1	*1	*1
VGA IN	*1	*1	*1	*1	*1
PC-AUDIO IN	*1	*1	*1	*1	*1
S/PDIF OUT	*1	*1	*1	*1	*1
OPS	*1	*1	*1	*1	*1
MEDIA-USB	*3	*3	*3	*3	*3
TOUCH-USB	*1	*1	*1	*1	*1
Earphone OUT	*1	*1	*1	*1	*1
HDMI OUT	*1	*1	*1	*1	*1
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 (mm)(W x D x H)	1304.0mm*93.5mm*774.8mm	1511.95mm*98.6mm*887mm	1741.7mm*103.4mm*1020.2mm	1995.2mm*111.9mm*1166.3mm	2242 mm*117 mm*1298mm
Package Size (mm)W x D x H	1420mm*245mm*910mm(Heavy Carton)	1660mm*245mm*1045mm(Heavy Carton)	1880mm*280mm*1160mm(Heavy Carton)	2140mm*280mm*1340mm(Heavy Carton)	2525mm*435mm*1750mm (Heavy carton)
VESA	4-M6 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 700mm*400mm
Housing Material	Aluminum/Metal Plate	Aluminum/Metal Plate	Aluminum/Metal Plate	Aluminum/Metal Plate	Aluminum/Metal Plate
Housing Color	Deep Gun(White)/Black	Deep Gun(White)/Black	Deep Gun(White)/Black	Deep Gun(White)/Black	Deep Gun(White)/Black
Touch System					
Sensing Type	Infrare Touch Frame	Infrare Touch Frame	Infrare Touch Frame	Infrare Touch Frame	Infrare Touch Frame
Surface Protection	4mm AG Tempered Glass	4mm AG Tempered Glass	4mm AG Tempered Glass	4mm AG Tempered Glass	4mm AG Tempered Glass
Response 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 systems					
Multi-touch supported operating system	Windows 7/8/10, Windows 7 Professional,Windows7 Home Premium, Android, the above systems shall have multi-touch function, and the operation systemmust be original (GHOST version), otherwise the multi-touch function can be affected.				

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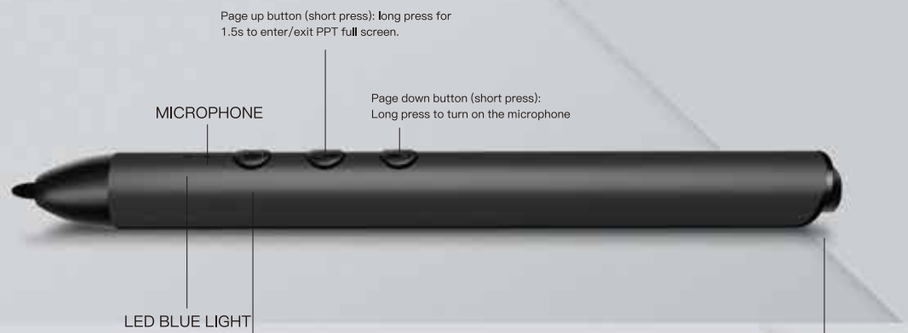
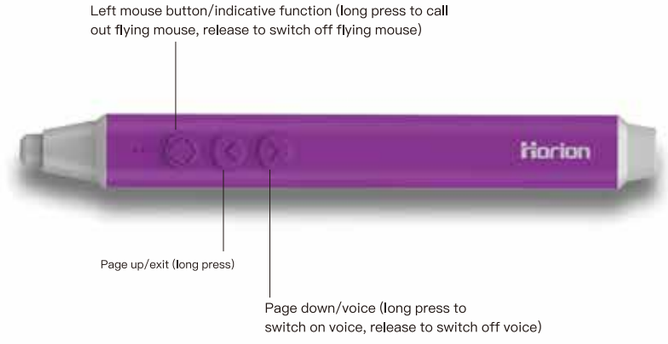
NEW SMART PEN

Three-key design Easy to use



NEW WRITING PEN

SMART PEN



MOBILE BRACKET
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 in real time

OPS COMPUTER
Powerful performance,
ready to use instantly

STORAGE BOX
Convenient storage

GOVERNMENT AGENCIES

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

HUIZHOU DISTRICT CUSTOMS

GUIZHOU FOOD BUREAU

SHENZHEN COURT

GUIZHOU JUSTICE BUREAU

CHINA CUSTOMS

CHINA EARTHQUAKE ADMINISTRATION

Horion | USER CASES

BANKS

More and more banks introduced Horion interactive flat panel. With its help, they realize innovation and upgrade services 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.

Horion | USER CASES

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