MAXHUB X3 Conference Flat Panel

MAXHUB

Content

- Product applications
- Product series
- Application scenarios
- Core advantages
- Peripherals
- About us

MAXHUB

All in One

Projector | Electronic Whiteboard | Remote Device | Tablet | Audio System

Intelligent whiteboard creates smooth writing

HD video conferencing

Annotate collaboratively with any input channel

Wireless mirroring

Microphone array techni-que to extract voice input

Triple cameras for HD video quality

Anti-glare 4K HD display

Dual system modular design

Satisfying your conference needs

* Please refer to the specifications for more details.

Small size meeting room

4K HD Anti-glare display

Smooth Writing and collaborative annotation

Wireless Mirroring *with mobile devices or PC

Convenient sharing of conference records

Cloud storage of conference files

Recommended configuration

① MAXHUB Flat Panel

② MAXHUB Wireless Screen Sharing Dongle

*PC only works with MAXHUB Wireless Screen Sharing Dongle , please pair them before the first use

Medium-size Meeting Room

Using MAXHUB SPEAKERPHONE and MAXHUB INK

360° Omnidirectional Audio Pickup[1]

Crystal Clear Sound Effect

Wireless Charging[2]

8-hour Playtime[3]

Write and Share, Anytime, Anywhere

E-paper tablet

Long battery life

Light and portable

Share and demonstrate

1.To support 360° omnidirectional audio pickup, MAXHUB SPEAKERPHONE needs to be unobstructed.
2.Wireless charging is optional, and an extra dual-mode wireless charger is required for this function.
3.Based on tests results from MAXHUB Lab, the actual usage time depends on the environment and battery consumption.

Large conference hall

Large-size LED HD display

Real-time screen sharing between multiple screens *

Projecting image from PC or Smartphone with one click

Smooth writing and collaborative annotation

Quick switch between welcome surface and wireless mirroring

Recommended configuration

① MAXHUB Integrated LED Display Terminal

② MAXHUB conference flat panel

③ MAXHUB Wireless Mirroring BOX

* Dual terminal writing and real time content sharing can be achieved with the connection between MAXHUB Conference Flat Panel and MAXHUB Integrated LED Display Terminal.

Conventional meeting rooms

Optimize and upgrade conventional display equipment

Connecting the projected TV, without the limitation of cables

Wireless mirroring with smartphones, Tablets, and PC, just needs one click*

Supporting multi-computer mirroring*, with quick and easy switch*

Recommended configuration

① MAXHUB Mirroring Box

② Projector etc. Display Apparatus

③ MAXHUB Wireless Mirroring

*PC works with MAXHUB Wireless Screen Sharing Dongle.
*Please pair them before the first use.
*Support up to 8 computers' image switch.

Teleconference

Flexible switch between local and tele-conference

HD video expands the vision

Remote screen sharing and real time annotation sharing

Encryption algorithm to guarantee information security*

Recommended configuration

① MAXHUB Video Conference

② MAXHUB Conference Flat Panel

③ MAXHUB Integrated LED Display Terminal

④ MAXHUB Wireless Mirroring

* MAXHUB Video Conference adopted End to end ASE256 bit algorithm.

Content

- Product applications
- Product series
- Application scenarios
- Core advantages
- Peripherals
- About us

MAXHUB

Product series

MAXHUB Standard

(S Series)

1.3cm Ultra narrow frame*

4K HD Display

8-megapixel built-in camera

6 arrays built-in microphone

High precision infrared touch control technology

Dual system，selectable PC module

MAXHUB Ultimate

(U series)

1.9cm Ultra-thin appearance*

4K Ultra HD display

Full Lamination Technology

ELED side entry backlight

6 arrays built-in microphone

Three 12-megapixel built-in camera

88.9% screen，flat appearance

P-CAP+EMR Touch

Dual system, standard with PC Module

*1.3cm Ultra narrow frame is only available for 55 “ MAXHUB Standard。

*1.9cm Ultra-thin appearance is measured with the thinnest part of MAXHUB Ultimate Series.

X3 Conference Flat Panel

Specification	X3 Standard (S Series)	X3 Ultimate (U Series)
Display		
Size	55/65/75/86”	65/86”
Display Ratio	16:9	
Backlight	DLED	ELED
Resolution	3840(H)×2160(V)	
Viewing Angle	Horizontal 178°, Vertical 178°	
Touch System		
Glass Material	Anti-glare Toughened Glass	Smooth Anti-glare Tempered Glass
Sensing Type	Infrared	P-CAP+EMR
Touch Point	20 points	
Touch Mode	Finger+Opaque Object(⩾2mm)	Finger+Electromagnetic Pen
Touch Accuracy	±1mm	
Electromagnetic Pen Accuracy	-	0.5mm
Camera		
Location	Top×1	Left×1 Right×1 Top×1
Pixels	8-megapixels	12-megapixels
Automatic Control	Automatic White Balance, Adaptive Ambient Brightness	
Lens Distortion	⩽1%	
Smart Switch	Support	
Face Recognition	Support	

X3 Conference Flat Panel

Specification	X3 Standard (S Series)	X3 Ultimate (U Series)
Microphone Array		
Directivity	Front	
Pickup Distance	8m	
Quantity	6	
Sampling Frequency	16KHz	
Sampling Rate	16bit	
Automatic Control	Automatic Gain，Automatic Noise Reduction	
Echo Cancellation	Support	
Auditory Localization	Support	
Speaker		
Frequency-domain	80Hz~20KHz	
Speaker Quantity	3	
Acoustic Chamber Quantity	3	
Stereo	Support	

X3 Conference Flat Panel

Specification	X3 Standard (S Series)	X3 Ultimate (U Series)
Operating System		
CPU	Dual A73	
Dominant Frequency	1.2GHz	
GPU	5 Core Graphic Acceleration Chip	
RAM	2G	
ROM	32G	
Operating System	Android 7.0，Optional Windows 10	Android 7.0+Windows 10
PC Module		
PC Type	Ultra-thin Pluggable Intel® Core	
CPU	Intel® Core i3/ i5 / i7（Optional）	
RAM	DDR4 8G / 16G（Optional）	
ROM	128G / 256G（Optional）	
GPU	Intel® HD Graphics	
Environment Requirement		
Power	100-240V~ 50 / 60Hz	
Altitude	Below 5000m	
Standby Power Consumption	⩽0.5W	

MAXHUB Integrated LED Display Terminal

MAXHUB Integrated LED Display Terminal，is suitable for meeting rooms, exhibition halls, lecture halls and other large scenes，offering you the visual experience of giant screen cinema. The outstanding interaction design and mirroring technology of MAXHUB make your presentation smarter and superior.

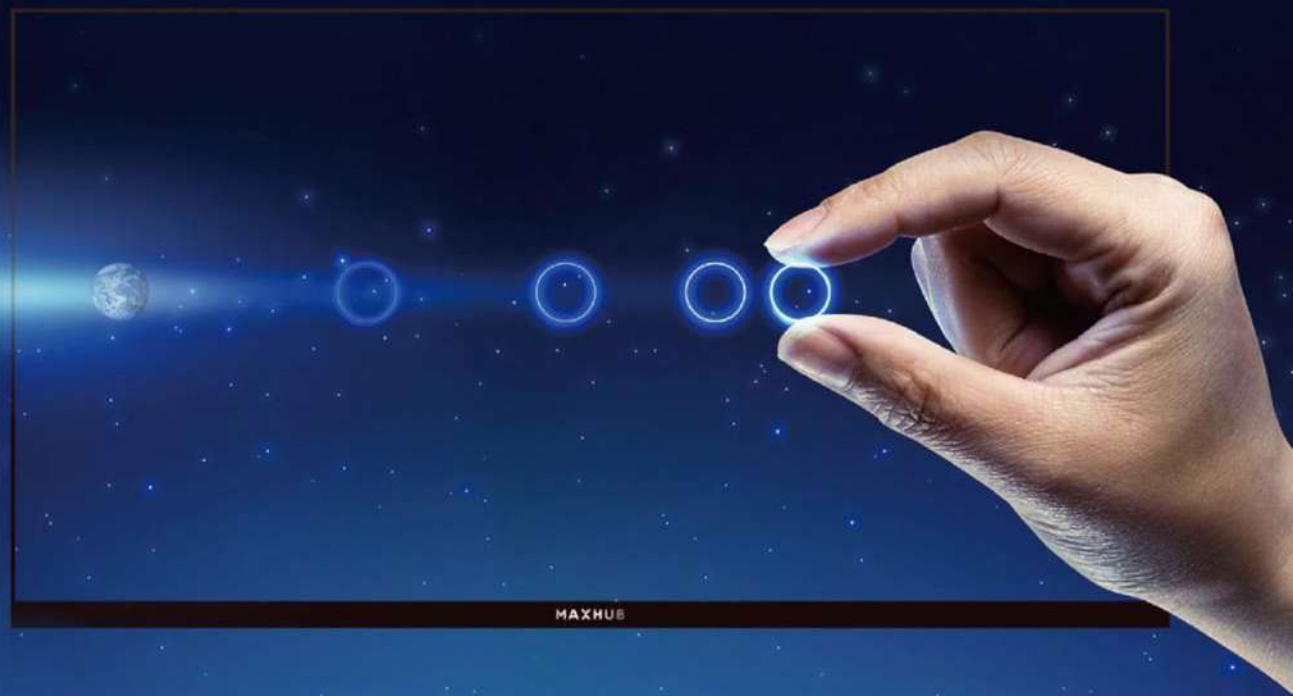
138/165/176/220”

40mm
Ultra-thin design

Modularized machine
case and easy installment

One-click turn
on and instant use

Front disassembly
maintenance saves space



* 此产品不带触控功能。

Integrated LED Display Terminal

Specification	110“LED Display Terminal		138“LED Display Terminal	165“LED Display Terminal	220“LED Display Terminal
Pixel Pitch	1.2mm	1.9mm	1.5mm	1.9mm	2.5mm
Screen Display Size	2440（Width) x 1372mm(Height）		3050mm (Width)× 1715mm (Height)	3660mm (Width)× 2058mm (Height)	4880mm (Width)× 2744mm (Height)
Display Ratio	16:9	16:9	16：9	16：9	16：9
Resolution	1920×1080	1280x720	1920×1080	1920×1080	1920×1080
Luminance	100-500cd/㎡ Adjustable		50-500cd/㎡ Adjustable	50-500cd/㎡ Adjustable	100-500cd/㎡ Adjustable
Contrast Ratio	3000:1		4000 : 1	4500 : 1	5000 : 1
Viewing Angle	Horizontal 160°, Vertical 140°				
Average Power Consumption	0.7KW		0.82KW	1.11KW	1.44KW
Screen Body Material	Aluminum				
Input Port	HDMI				
Installation Method	TV Base/Wall Mount/Ceiling Mount				
Operational Method	Turn On with One Click				
Life Length	100000h				
Maintenance	Front Disassembly Maintenance				

MAXHUB Mirroring Box

Upgrade Your Conventional Meeting Rooms

MAXHUB mirroring box can project PC, smartphone, and tablet to big screen.*

Only with one Mirroring Box*, upgrading can be done.

* It can be achieved with MAXHUB wireless mirroring device and MAXHUB mirroring assistant. Please download and install the APP fi
* Screen sharing can be done with the connection between TV, proje LED narrow gap, or split screen and Mirroring Box.

Small Size，but high performance, and exceptional experience

Android 7.1 system ultra-large Storage

Support 2.4GHz/5GHz double-frequency Wi-Fi

No stuttering

Smooth HD video playback

6 Core
CPU

4 GB
RAM

16 GB
ROM

Content

- Product applications
- Product series
- Application scenarios
- Core advantages
- Peripherals
- About us

MAXHUB

Financial Industry Cases

Guolian Securities

SPD Bank

PSBC

CGB

Application scenarios：Mobile Bank Service / Sitting Rooms / Financial Information Display / Data Visualization / Remote Investment Advisor VIP Service

- Mobile Bank Mirroring display，interactive presentation
- Micro-salon financial products show and interpretation
- Paperless promotion in halls，financial information scrolling broadcast
- Marketing data dynamic exhibition，convenient analysis and communication
- Remote guidance and investment advisor VIP service

Government Affairs Industry Cases

Party College of Ordos Party Committee

Data Center of Shandong MSA

Zhejiang Provincial Government Affairs Hall

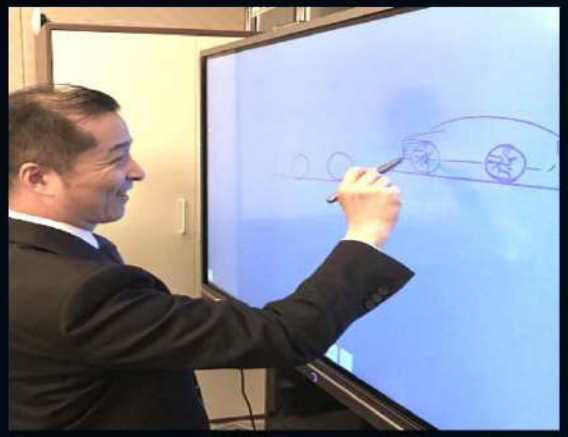
Judicial Mediation Centre of Ulanqab

Application Scenarios： Local Meetings / Remote Meetings/ Party Building Work Display / Party Building Training

- Government Local/ Remote Command and scheduling
- Cross-regional video conferencing breaks the limitation of distance
- “Three meetings and one class“ sessions、Party conference resolutions display
- Party lecture, training, and communication

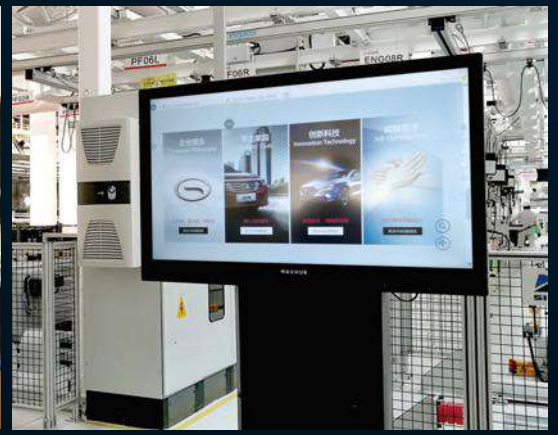
Manufacture Industry Cases

FAW-Volkswagen



Jaguar Land Rover

DEEJ



Guangzhou Automobile Group

Application Scenarios： Data Visualization / VR Selecting Car / Design Discussion

- Data board and report form post，directly perceive business information
- Instantly display manufacture data，convenient for discover and discussing important issues
- 4S shop 360° car selecting ，HD car images and specification display
- Easy drawing and writing, contribute to effective discussion and communication of brainstorm for designing

Real Estate Industry Cases

Vanke Real Estate Company

Country Garden Group

China Resources Land

Gemdale Group

Application Scenarios： 3D house selection / The show homes introduction / Sand Table observation / Information publication /CAD Display

- The show homes presentation on screen
- Fully show details of supporting facilities
- Instant publish housing promotion information
- 3D house type design demonstration makes decoration display clearer.
- HD CAD drawing display， effective interaction and communication

Internet Industry Cases

Tencent

Alibaba

Sougou

Sina Weibo

Application Scenarios： Meeting room upgrading / In-house training / Cross-regional teleconference / Exhibition

- Regular meetings，brainstorming, writing, and communication.
- Review meetings，project presentation and analysis
- In-house training, PPT explanation and interaction
- Cross-regional remote communication, convenient and fluid video conference

Medical Industry Cases

Southwest Hospital

Anhui Provincial Hospital

Circle Harmony

Hubei(Wuhan University) People’s Hospital

Application Scenarios： Remote multidisciplinary consultation / Remote academic training / Diagnosis interpretation / Release of information

- Remote multidisciplinary consultation， comprehensive analysis, and objective judgement of patients’
- Local and remote academic communication , real time medical record sharing
- Clear medical imaging sharing, easy to interpret diagnostic results
- Rolling display of health information, promotional video、and specialist profile

More than 170 China's top 500 enterprises are using MAXHUB

Content

- Product applications
- Product series
- Application scenarios
- Core advantages
- Peripherals
- About us

MAXHUB

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* 19mm thickness: it is only available for MAXHUB X3 Ultimate Series.

Anti-glare Glass

Exquisite appearance displays the artisan spirit

Real flat glass panel* presents the beauty of technology

Ultra-smooth surface brings you fantastic tough experience

Professional anti-glare technology displays sharper images

* It is only available for MAXHUB Ultimate Series.

Ultra-large direct bonding Screen

Edge-cutting technology makes a big difference

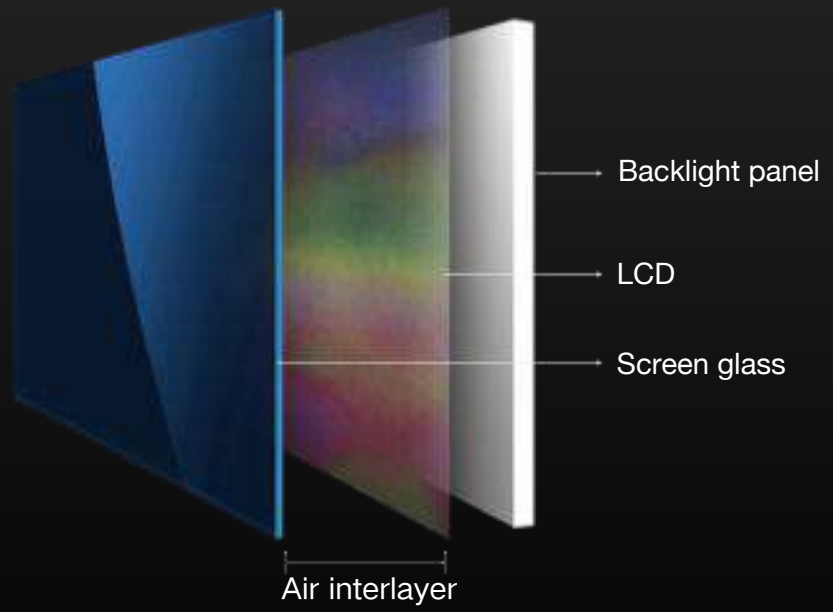
Real images, no deflection

Direct bonding of glass and LCD panel*

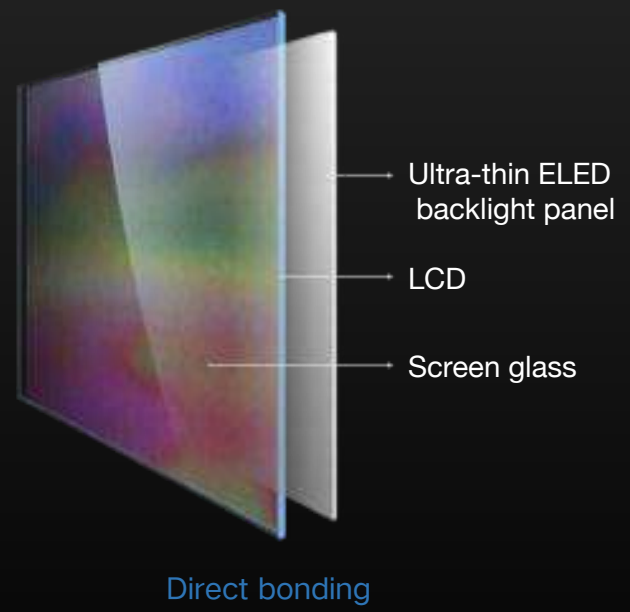
Effective anti-fog solution

High proximity between penpoint and writing trail

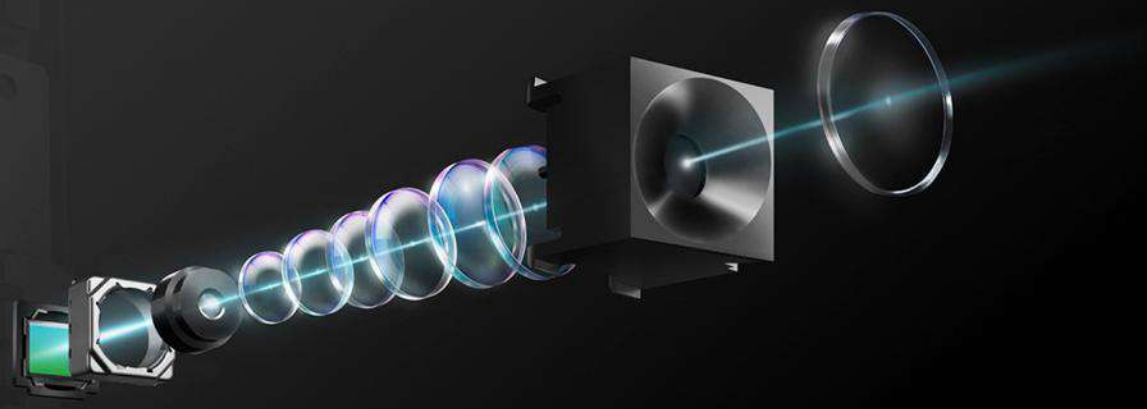
Conventional Panel Interlayer between glass and LCD panel ⩾3cm



MAXHUB Ultra-thin Panel Direct bonding Screen



* It is only available for MAXHUB Ultimate Series.



HD Cameras

HD triple cameras design gives you insights into details

Built-in triple 12-megapixel HD cameras*

Left+right+top camera distribution creates broader horizon

Top built-in camera brings you deeper vision

Cameras coordinated with microphones locate sound resource, and intelligent screen switching

- This is only available for MAXHUB Ultimate Series. MAXHUB Premium Series have three 8-megapixel cameras, and MAXHUB Standard Series have one 8-megapixel camera.

Array Microphones

Auditory localization system manifests advantages in the industry

Smart ambient noise filtration

Six built-in array microphones*

Auditory localization system

Automatic gain according to the distance

* It is available for MAXHUB Ultimate, Premium, and Standard Series.

High Quality Speakers

Hi-Fi sound effect satisfies high quality requirement

Three special acoustic cavity structure design

80Hz to 20KHz wide frequency domain *

Independent bass unit* creates rich and wide sound effects.

Support human voice mode, and restore real human voice in video

* It is available for MAXHUB Ultimate, Premium, and Standard Series

MAXHUB Integrated LED Display Terminal

40mm Ultra-thin design

Modularized machine case and easy installment

One-click turn on and instant use

Front disassembly maintenance saves space

4 size options

2K HD LED lattice

* MAXHUB Integrated LED Display Terminal doesn’t have the touch control function.

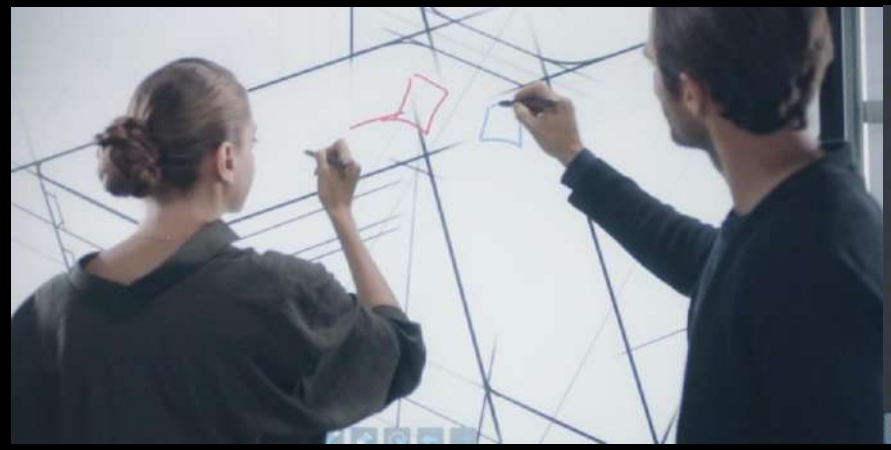
Writing

Presentation

Collaboration

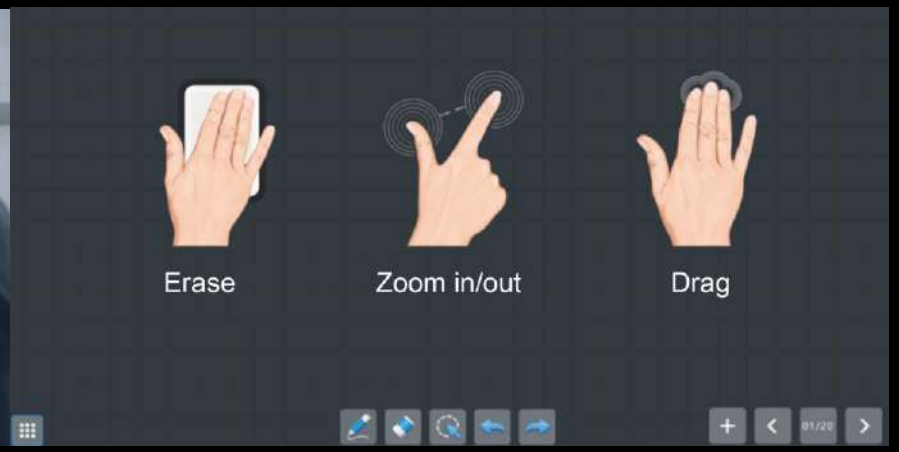
Touch Writing

Dual-pen Writing



Support two MAXHUB Touch Pen writing simultaneously*, with optional colors to choose, boosting your writing efficiency and collaborative productivity.

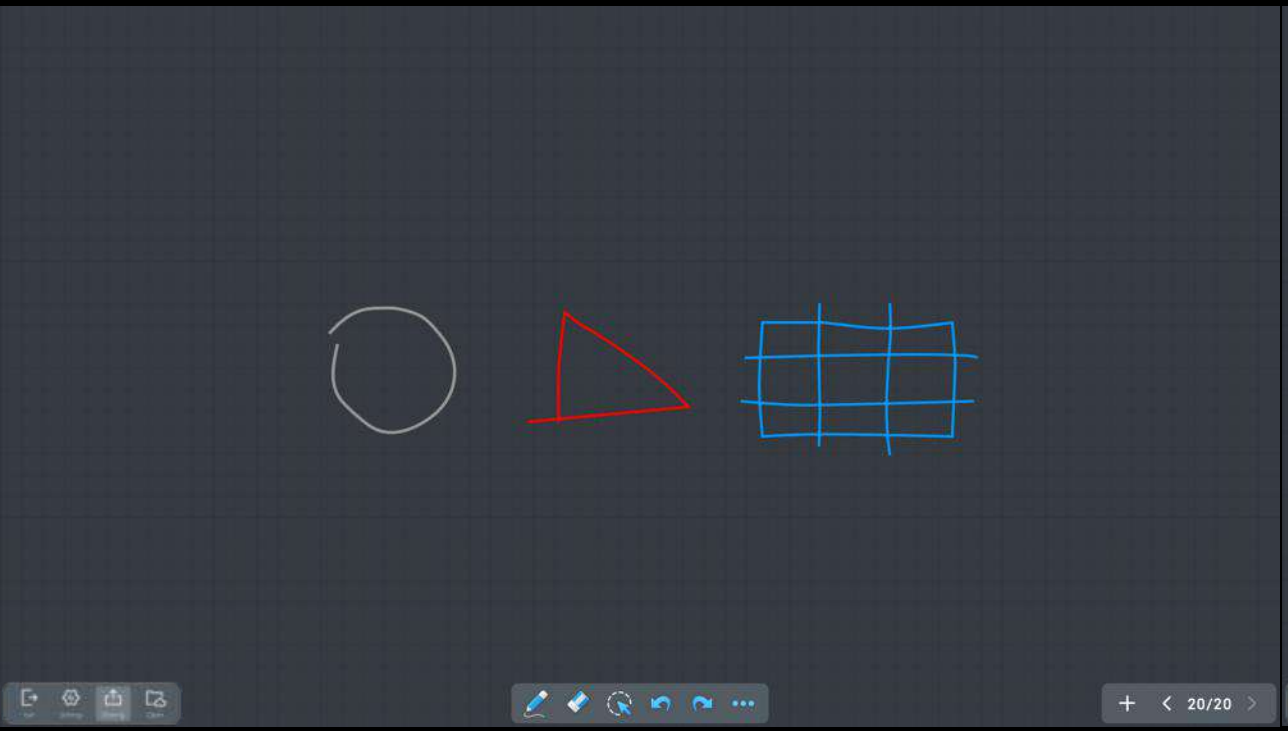
Smart Gesture Control

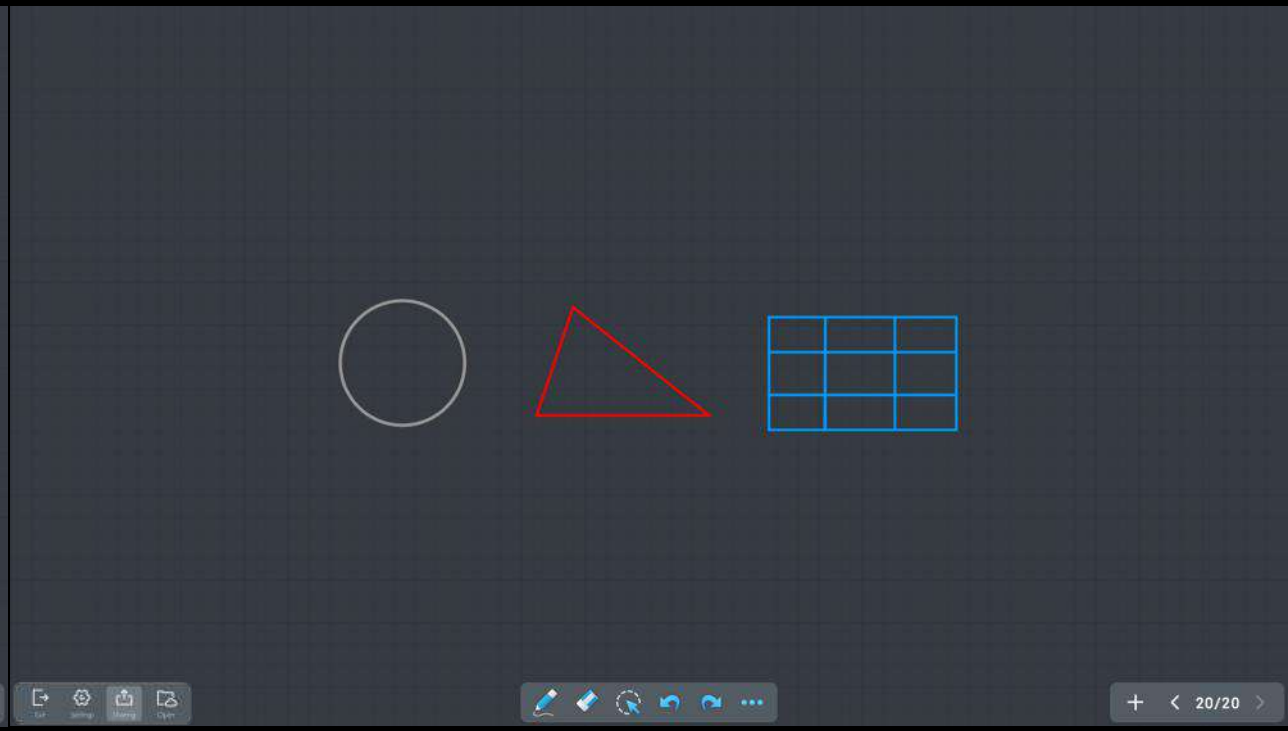


Convenient Erasing, zooming, dragging and dropping, roaming etc. gesture control, extends writing zone and makes writing easier.

* MAXHUB X3 Ultimate Series and Premium support EMR pen.

Graphic Intelligent Recognition





*It works with Windows system (PC module), and only supports rectangle, diamond, pointed line, triangle, polygon, and circle.

Intelligent Table

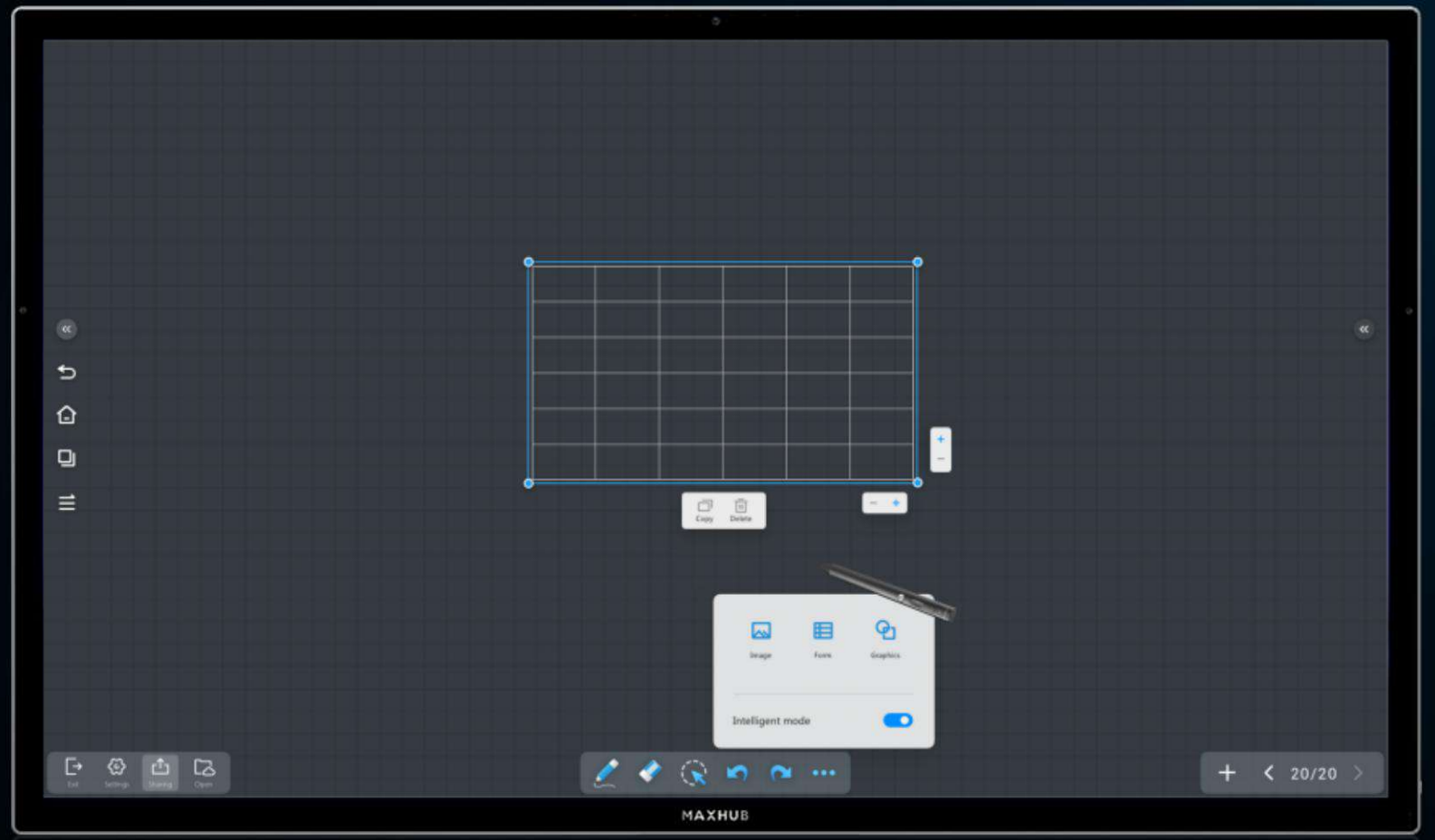
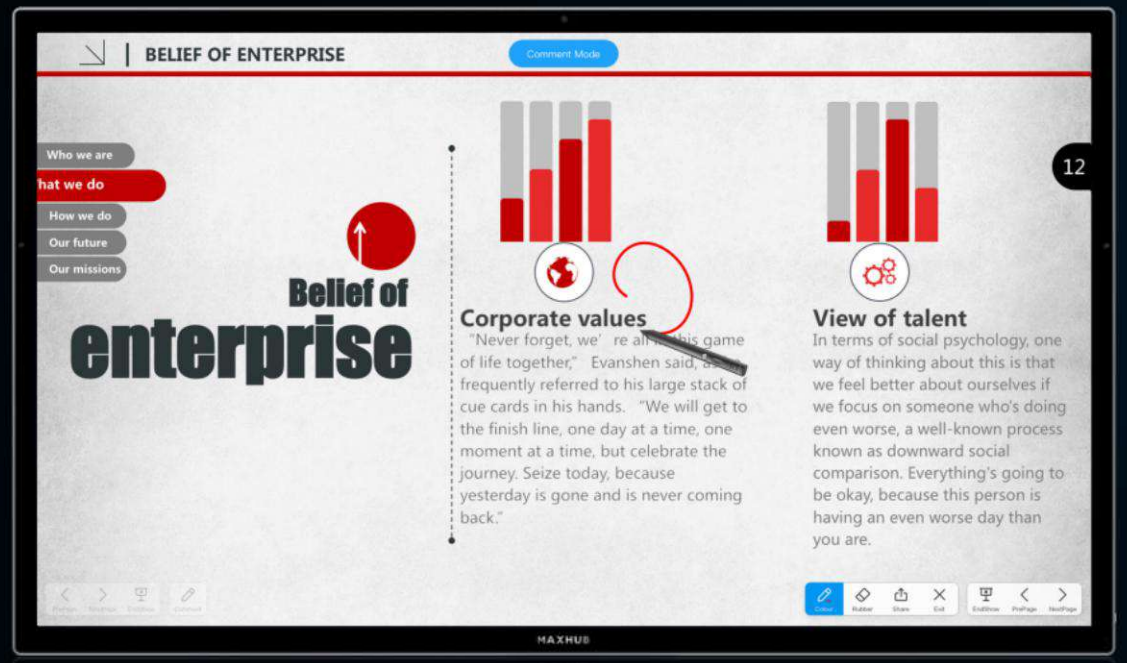
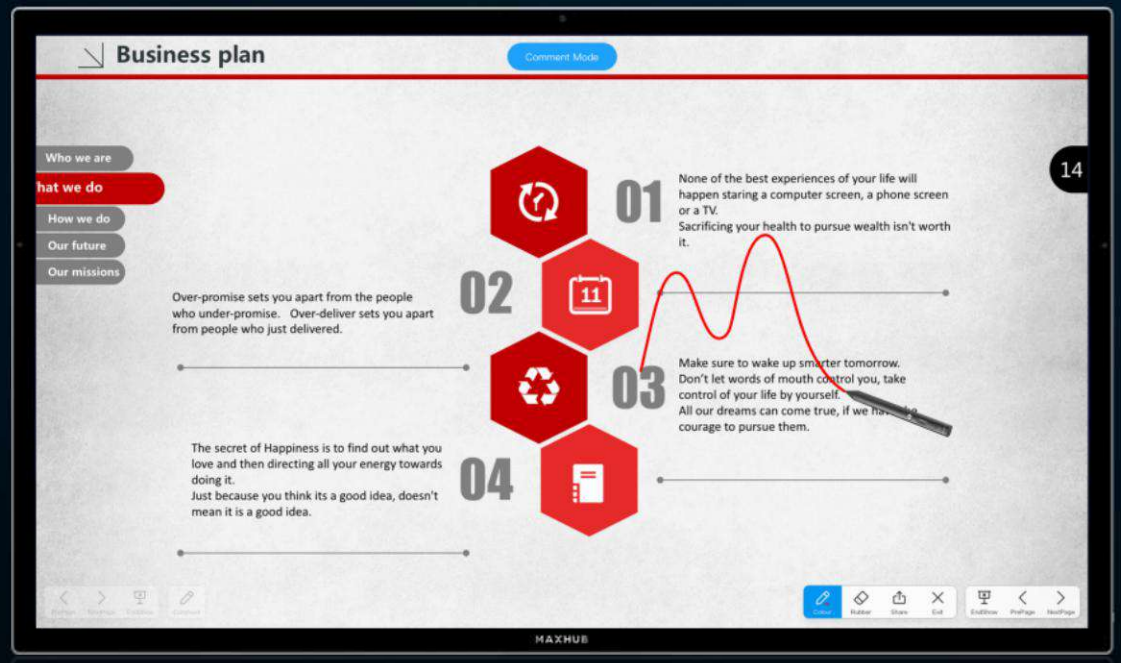


*Table insertion: It works with Windows system (PC module). You can freely add and reduce row and column if it is needed.

PPT Free Annotation

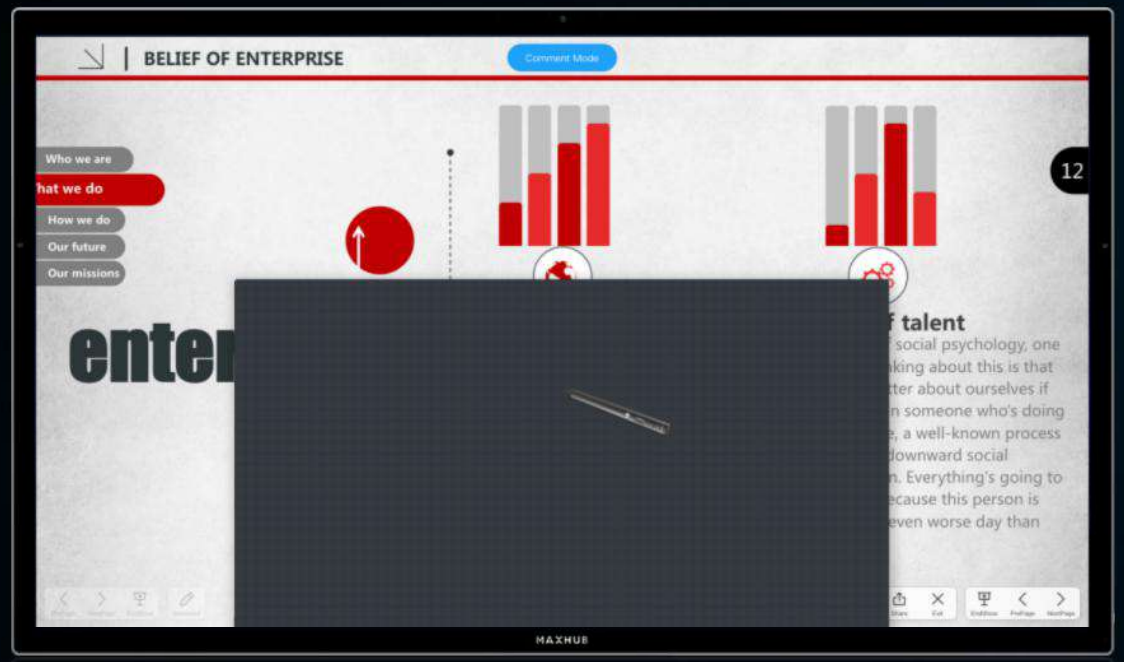


PPT Slide 1

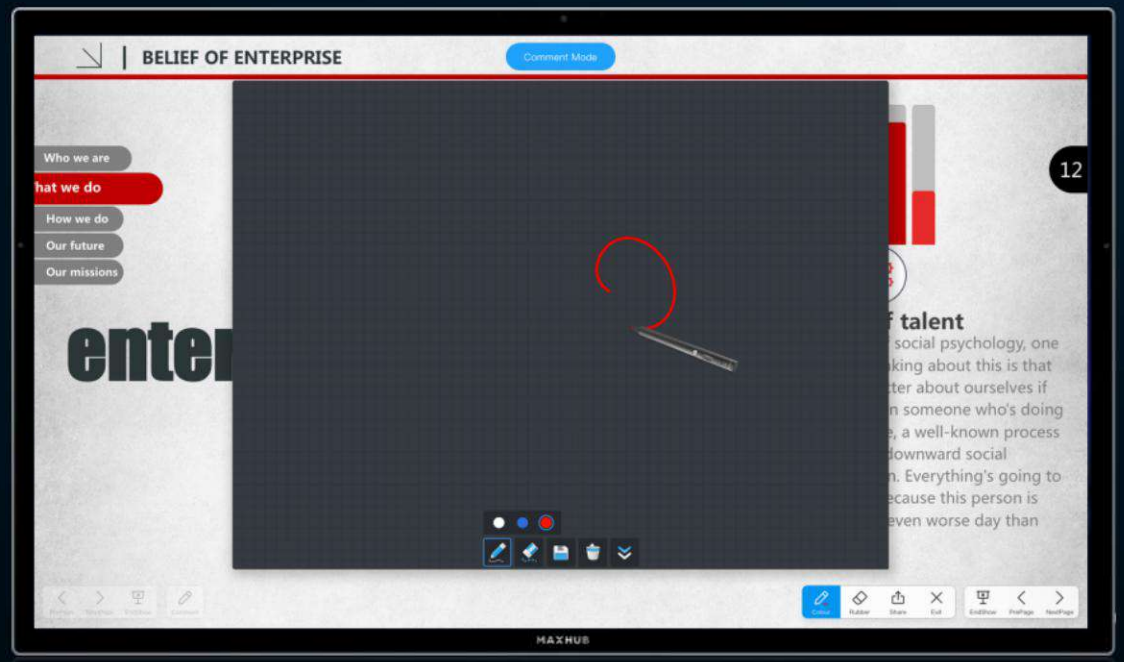


PPT Slide 2

Mini Blackboard



Drag mini blackboard out from the bottom
with Touch Pen or fingers



Writing

Simple and Easy UI Design

Wireless Mirroring Presents Fluently and Stably

Touch and share, easy mirroring

Free multi-terminals connection* can be achieved on PC or mobile devices with wireless mirroring and related software. Smartphone and tablets can be connected through QR code.

Convenient switch and 4-split mirroring

Multi-terminal mirroring supports up to 8 devices connection at the same time, with convenient switch. It supports at most 4 devices(smartphone, tablet, and PC) mirroring simultaneously and provides you a clear comparison.

* Multi-terminals connection: it supports PC terminal with Windows 7、macOS 10.10 or updated versions, and smartphone or tablet with Android 5.0、 iOS 9.0 or updated versions.

Multi-screen Interaction Eliminates Cable Limitation

Control back devices through MAXHUB

Control back devices through MAXHUB Wireless Mirroring*.
No need to frequently commute between PC and Screen, making your presentation outstanding.

Synchronous sharing with mobile device

Controlling Conference Flat Panel with smartphone or tablet, you can write, annotate, present, and scan documents etc., achieving two-way interaction.

*Control back devices through MAXHUB: it only supports PC mirroring.
*Synchronous sharing with mobile device: it supports devices with Android 5.0 and updated version operating systems.
Two-way interaction can be achieved with MAXHUB Mirroring Assistant APP.

MAXHUB
Video Conference

No boundary communication,
No distance collaboration

Remote screen sharing

High quality voice and video connection*

Multi-party interactive writing

Professional design ensures information security*

*Two users can get free access after download and register MAXHUB Video Conference, and extra users need to pay for the service.
* MAXHUB Video Conference adopted end to end ASE256 bit algorithm.

Content

- Product applications
- Product series
- Application scenarios
- Core advantages
- Peripherals
- About us

MAXHUB

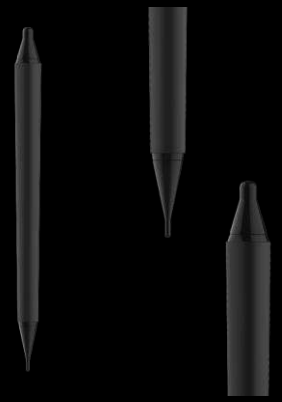
Wireless Screen Sharing Dongle

Intelligent EMR Pen

Electrical Trolley

Mobile Stand

Camera Mount



Touch Pen

Container for Touch Pen and Dongle

MAXHUB Intelligent EMR pen

Writing, page turning, and voice-to-text with Intelligent EMR pen, frees your imagination and records inspiration.

Small body, but sophisticated technology. Press harder for thicker lines, lighter for thinner ones. Using it is completely natural and intuitive.

0.04s
response time *

0.5mm
delicate writing*

1024 levels
pressure sensitivity

* 0.04s response time: Data are collected based on the MAXHUB Lab environment without other interference and tested with SP08 EMR pen and whiteboard application of MAXHUB conference flat panel, in Android/PC Channel and with 3840*2160 screen resolution machine.
* MAXHUB X3 Ultimate Series and Premium have the function of delicate writing。

Wireless Screen Sharing Dongle

- One button design, click and share
- Control back through MAXHUB and extend screen display
- Video, audio, and touch signal transmission
- 4-split screen, control back through any of them
- Reliable and stable 5G frequency band
- Low power consumption, no power supply is needed, 15m transmission distance 47
- Support Windows 7, macOS 10.10, and updated operating systems
- Connecting up to 8 PC simultaneously

Container for Touch Pen and Dongle

- Contracted and exquisite design
- Elegant metal texture
- Endurable ABS plastic inside
- Available for 2 dongles and 2 pens

Camera Mount

- Long chute design, support up to 3kg
- Compatible with Mobile Stand and Wall Mount installation
- Special fixation design, easy to install.
- Compatible with 55 / 65 / 75 / 86 " devices

PC Module MT31

- Intel core 7th generation processor
- Intel Core i5 / i7 (optional)
- RAM 8GB / 16GB (optional)
- SSD 128GB / 256GB (optional)
- Integrated Graphic Card: Intel® HD Graphics
- HDMI output * 1
- Headphone output * 1,Microphone input* 1
- Available for Premium, Ultimate, and Standard Series

PC Module MT23

- Intel core 7th generation processor
- Intel Core i3 / i5 (optional)
- RAM 4GB/ 8GB (optional)
- SSD 128GB (optional)
- Integrated Graphic Card: Intel® HD Graphics
- RJ45 * 1， Microphone input * 1
- HDMI output * 1， DP output * 1， headphone output * 1
- Available for Elite Series

Mobile Stand
（ST26）

- Small size saves space
- Flexible installation comes with a pallet
- 360 degree mute wheels for easy movement
- Flexible height adjustment, and free vision control
- Compatible with 55 / 65" devices

Large Mobile Stand
（ST23A）

- Elegant and contracted metal appearance
- Come with a pallet, support front and back installation
- 360 degree mute wheels for easy movement
- Flexible height adjustment, and free vision control
- Compatible with 75 / 86" devices

Trolley
（ST33）

Electrical Stand
(EST01)

- Motorized Trolley Cart
- Raise and lower via remote control or touchscreen

*MAXHUB Electrical Trolley needs to be used with remote control.

Content

- Product applications
- Product series
- Application scenarios
- Core advantages
- Peripherals
- About us

MAXHUB

About us

MAXHUB is a wholly-owned subsidiary of CVTE (stock code：002841), which is a world renowned solution provider of LCD driver products.

With the philosophy of “Inspire the power of efficiency”, CVTE has released innovative conference product series: MAXHUB Efficient Conference Platform.

In 2017，MAXHUB had the highest conference flat panel market share in China. We are striving for improving the efficiency and productivity of hundreds of millions meeting rooms in the world.

* Data is from *2017 AVC H1 conference flat panel market report.*

Leading Technology, Quality Assurance

Our company has been focusing on technology exploration and innovation. Over 1800 Licensed Patents in the field of touch control, speech processing, human-computer interaction, image processing, and two-way transmission of wireless signals create MAXHUB Efficient Conference Platform.

The most patent applications in Guangzhou

With over 1800 Licensed Patents*

243 Patents of Invention*

The National Outstanding Intellectual Property Award

* Until 31st December 2017, CVTE had over 1800 Licensed Patents. Among them, 243 are Patents of Invention.

Cutting-edge Laboratory

CVTE has multiple comprehensive laboratories, including a multi-million-dollar EMC laboratory (certified by SGS). Advanced facilities have been contributed to the innovations and tests.

MAXHUB

CVTE I Enterprise Service Group

Guangdong, China

www.maxhub.vip/en