

# MAXHUB X3 Conference Flat Panel

**MAXHUB**  
Inspire the Power of Efficiency

# Content

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

# 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 technique  
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 and medium-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



# Large conference hall

Large-size LED HD display

Real-time screen sharing between multiple screens \*

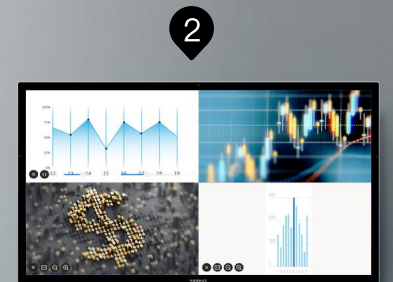
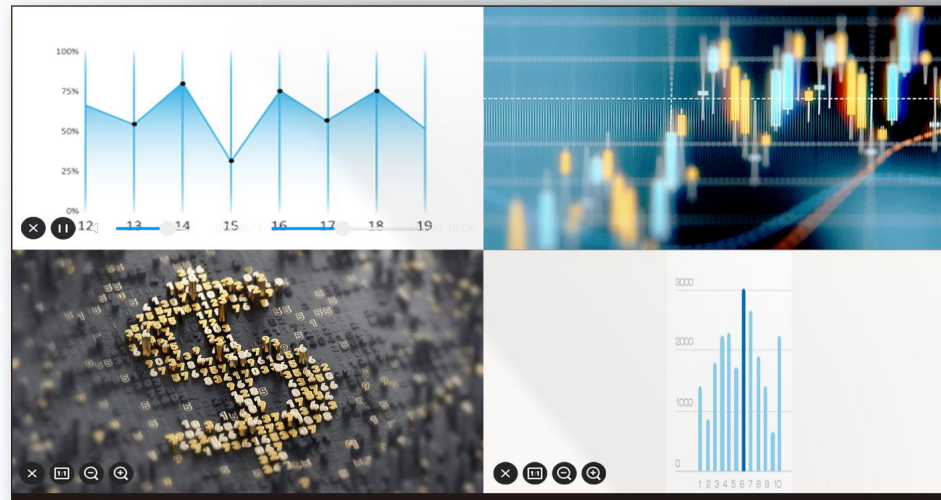
Projecting image from PC or Smartphone with one click

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 或 MAXHUB Mirroring Box
- 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

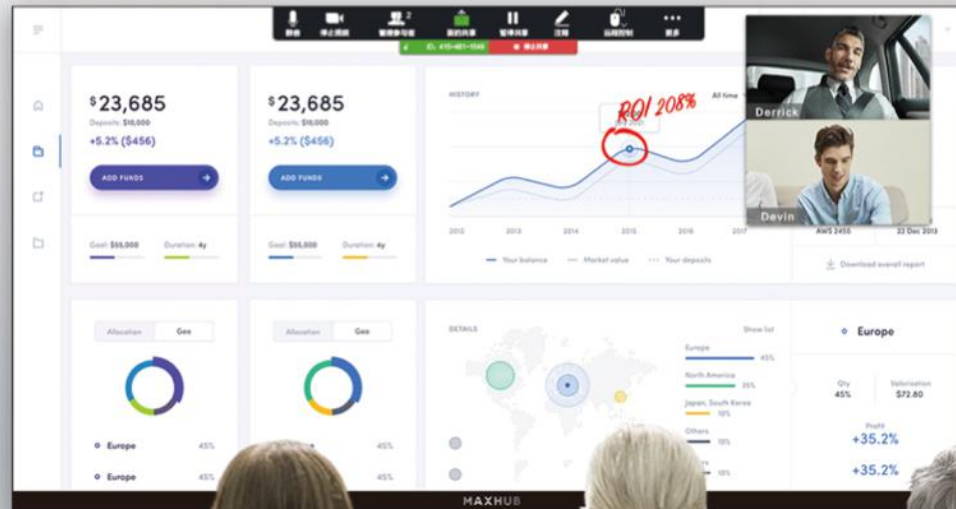
HD video expands the vision

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

# 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	55/65/75/86/98”	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



Integrated LED Display Terminal			
Specification	138“LED Display Terminal	165“LED Display Terminal	220“LED Display Terminal
Pixel Pitch	1.5mm	1.9mm	2.5mm
Screen Display Size	3050mm (Width)× 1715mm (Height)	3660mm (Width)× 2058mm (Height)	4880mm (Width)× 2744mm (Height)
Display Ratio	16： 9	16： 9	16： 9
Resolution	1920×1080	1920×1080	1920×1080
Luminance	50–500cd/m² Adjustable	50–500cd/m² Adjustable	100–500cd/m² Adjustable
Contrast Ratio	4000 : 1	4500 : 1	5000 : 1
Viewing Angle	Horizontal 160°, Vertical 140°	Horizontal 160°, Vertical 140°	Horizontal 160°, Vertical 140°
Average Power Consumption	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		



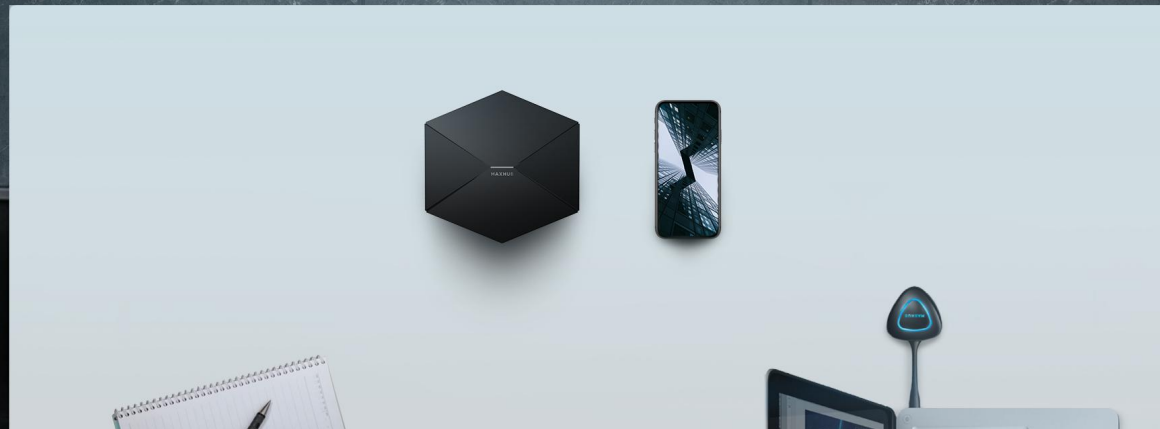


MAXHUB Mirroring Box

# 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 first.  
\* Screen sharing can be done with the connection between TV, projector, 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





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- Product series
- **Application scenarios**
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- Peripherals
- About us

# 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

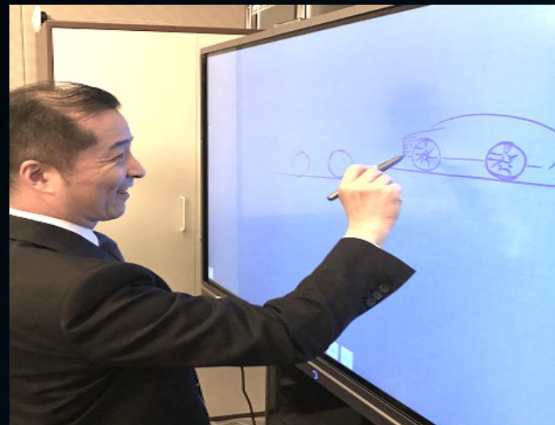
- Government Local/ Remote Command and scheduling
- Cross-regional video conferencing breaks the limitation of distance
- “Three meetings and one class” sessions、Party conference resolutions display
- Party lecture, training, and communication



# Manufacture Industry Cases



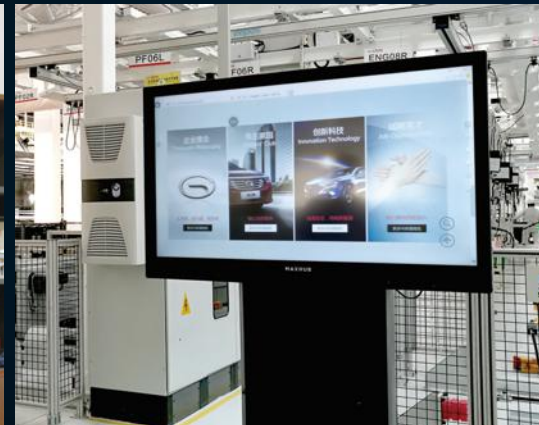
FAW-Volkswagen



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



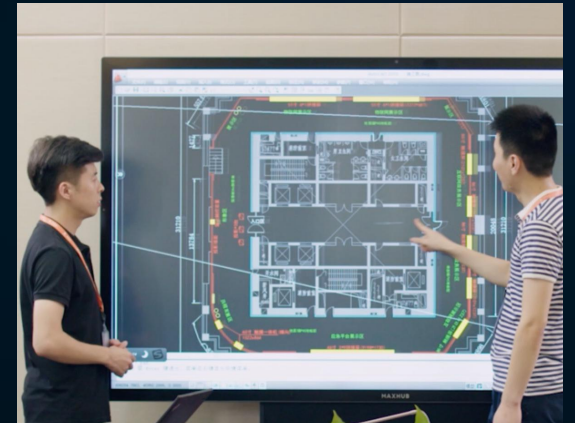
Vanke Real Estate  
Company



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

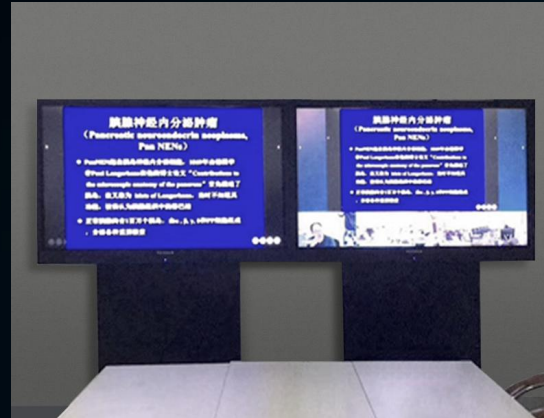
- Regular meetings, brainstorming, writing, and communication.
- Review meetings, project presentation and analysis
- In-house training, PPT explanation and interaction
- Cross-regional remote communication, convenient and fluid video conference



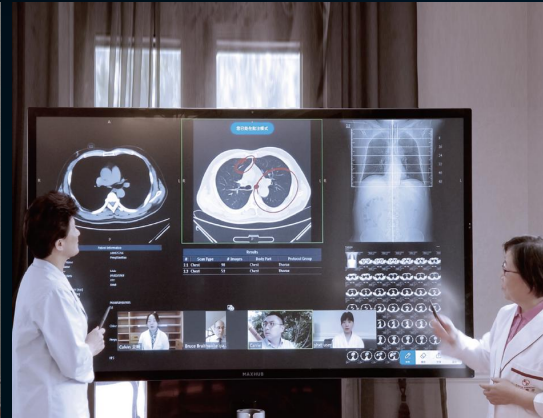
# Medical Industry Cases



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



Thickness

1.9cm

Screen-to-body Ratio

88.9%



\* 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 touch 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

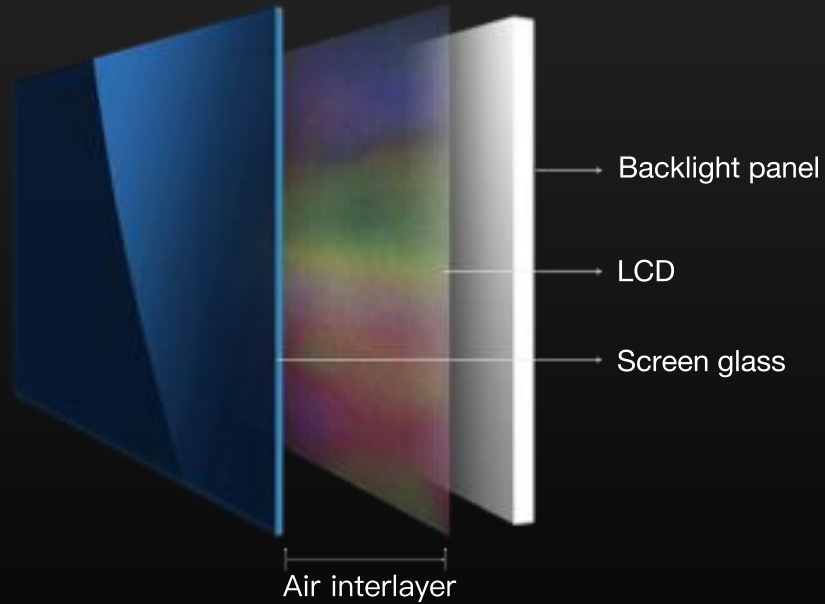
Real images, no deflection

Direct bonding of glass and LCD panel\*

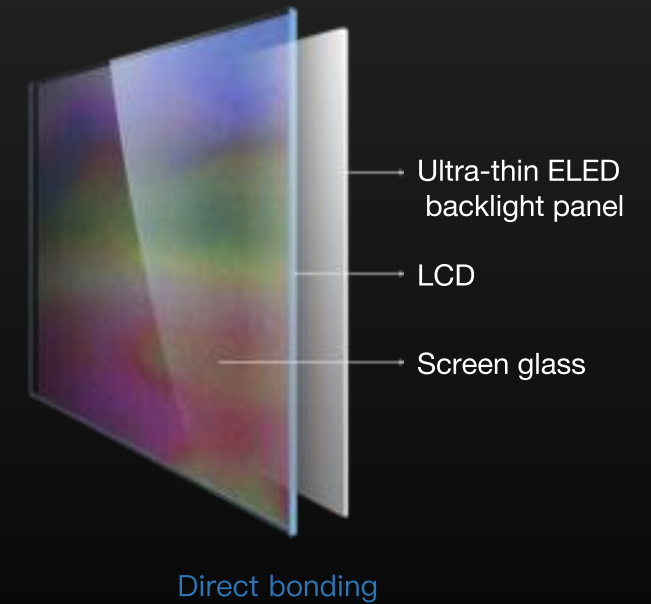
Effective anti-fog solution

High proximity between penpoint and writing trail

Conventional Panel Interlayer between  
glass and LCD panel  $\geq 3\text{cm}$



MAXHUB Ultra-thin Panel  
Direct bonding Screen

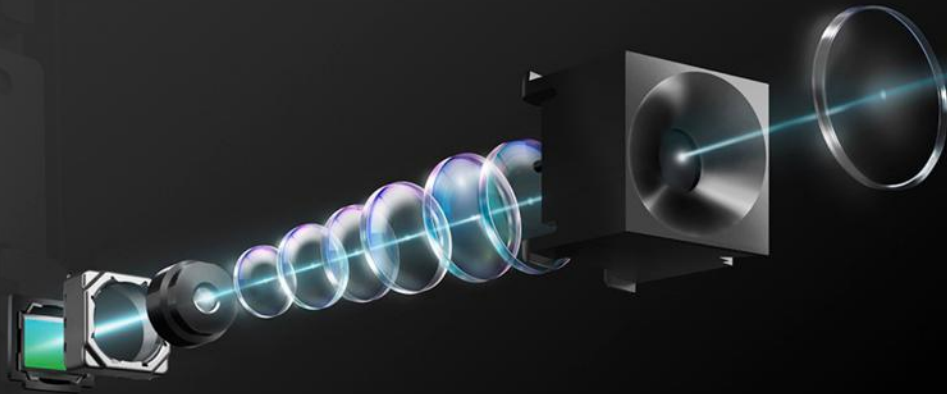


\* It is only available for MAXHUB Ultimate Series.



# 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

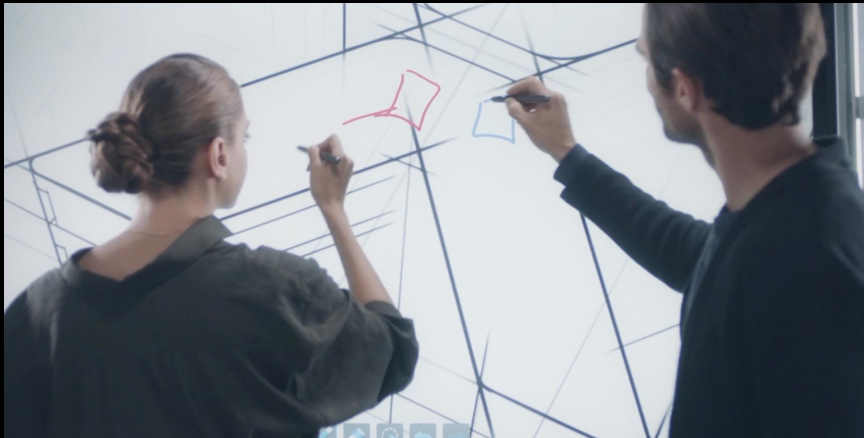


Collaboration



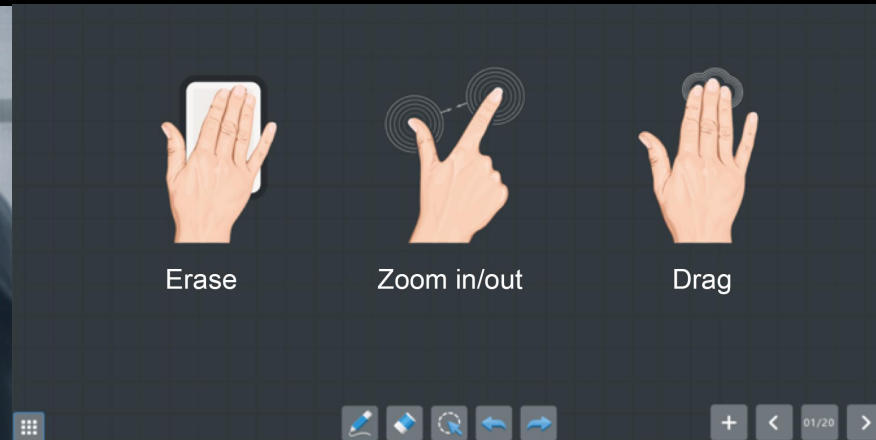
# Touch Writing

## 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



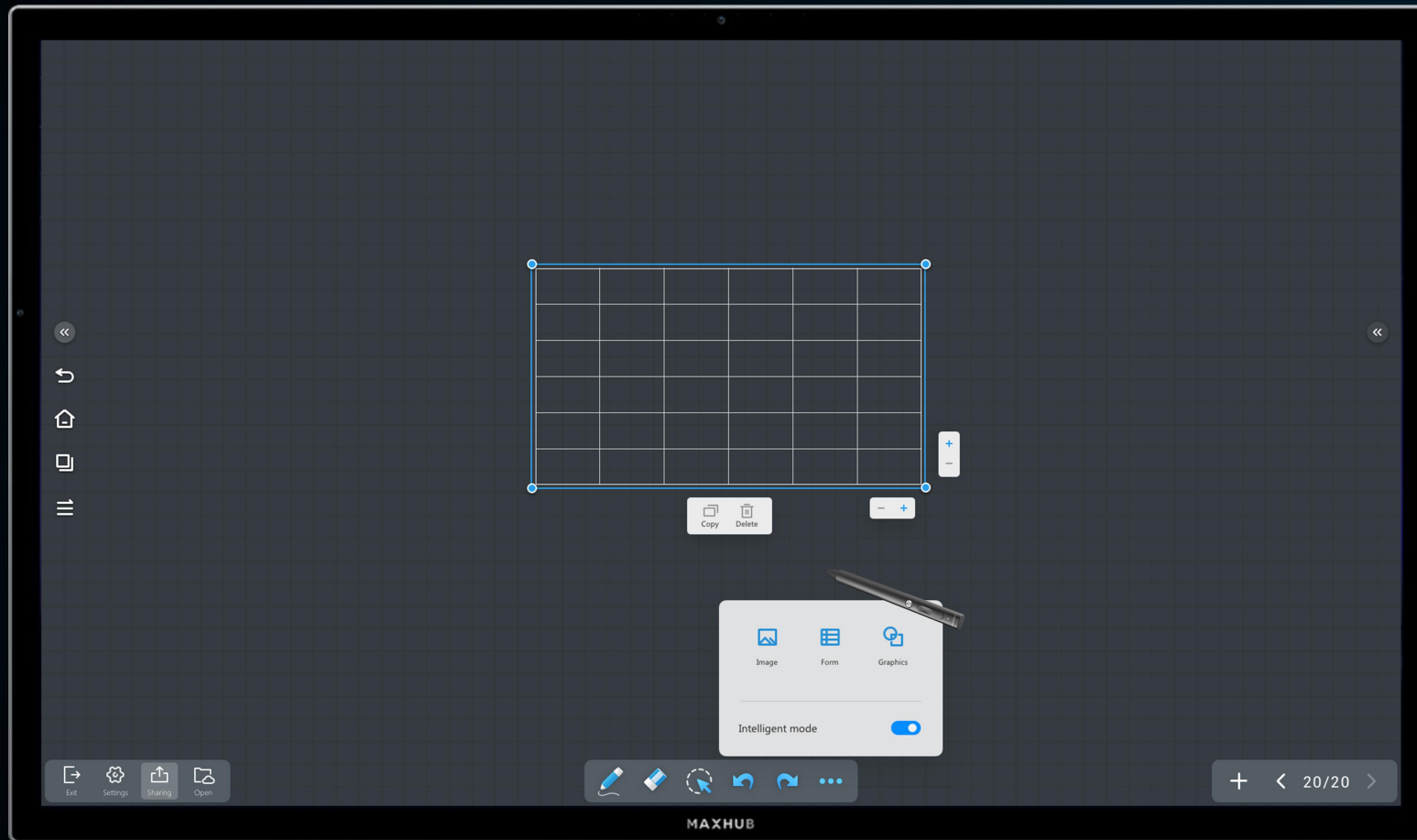
Convenient Erasing, zooming, dragging and dropping, roaming etc. gesture control, extends writing zone and makes writing easier.

\* MAXHUB X3 Ultimate Series and Premium support EMR pen.

# Graphic Intelligent Recognition



# Intelligent Table



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

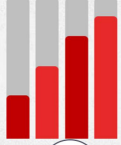


# PPT Free Annotation

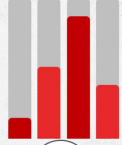
Navigation icons: Who we are, What we do, How we do, Our future, Our missions

## BELIEF OF ENTERPRISE

Comment Mode



**Corporate values**  
"Never forget, we're all in this game of life together," Evanshen said, as frequently referred to his large stack of cue cards in his hands. "We will get to the finish line, one day at a time, one moment at a time, but celebrate the journey. Seize today, because yesterday is gone and is never coming back."



**View of talent**  
In terms of social psychology, one way of thinking about this is that we feel better about ourselves if we focus on someone who's doing even worse, a well-known process known as downward social comparison. Everything's going to be okay, because this person is having an even worse day than you are.

12

MAXHUB

PPT Slide 1

Navigation icons: Who we are, What we do, How we do, Our future, Our missions

## Business plan

Comment Mode



**01** None of the best experiences of your life will happen staring a computer screen, a phone screen or a TV. Sacrificing your health to pursue wealth isn't worth it.

**02** Over-promise sets you apart from the people who under-promise. Over-deliver sets you apart from people who just delivered.

**03** Make sure to wake up smarter tomorrow. Don't let words of mouth control you, take control of your life by yourself. All our dreams can come true, if we have the courage to pursue them.

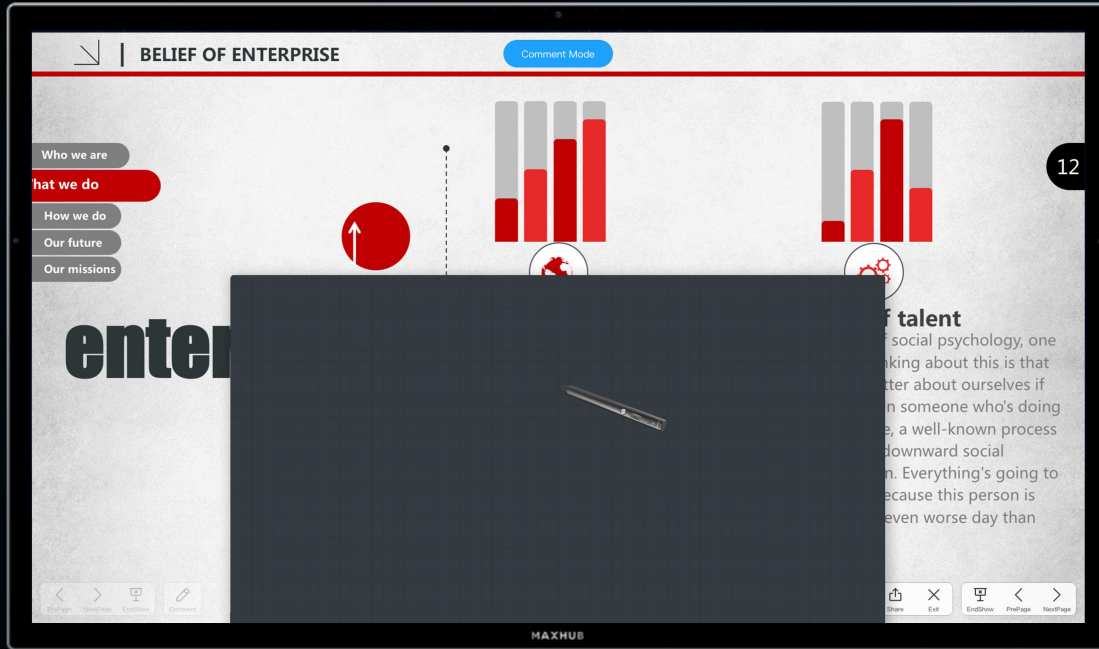
**04** The secret of Happiness is to find out what you love and then directing all your energy towards doing it. Just because you think its a good idea, doesn't mean it is a good idea.

14

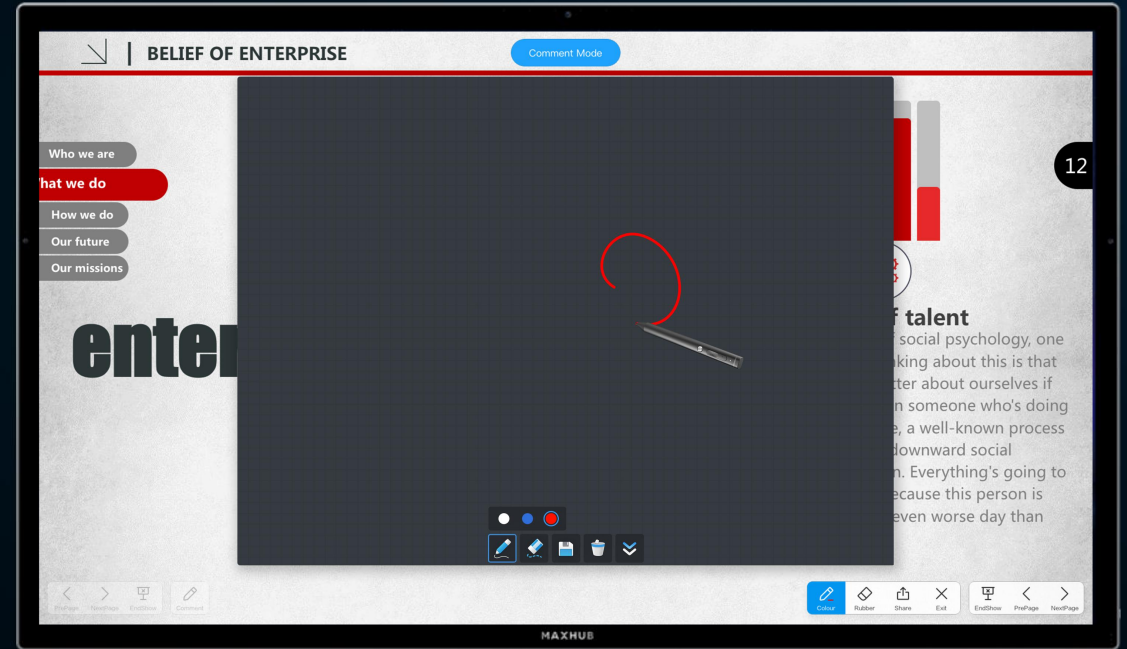
MAXHUB

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\*

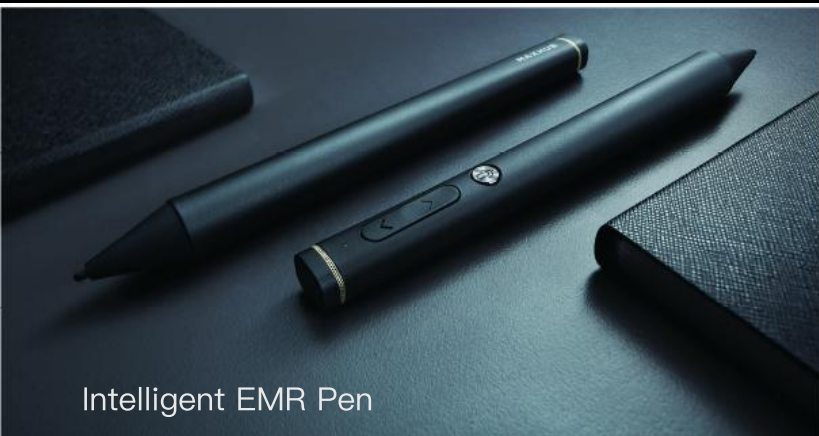
\*Two users can get free access after download and register MAXHUB Video Conference, and extra users need to pay for the service.

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

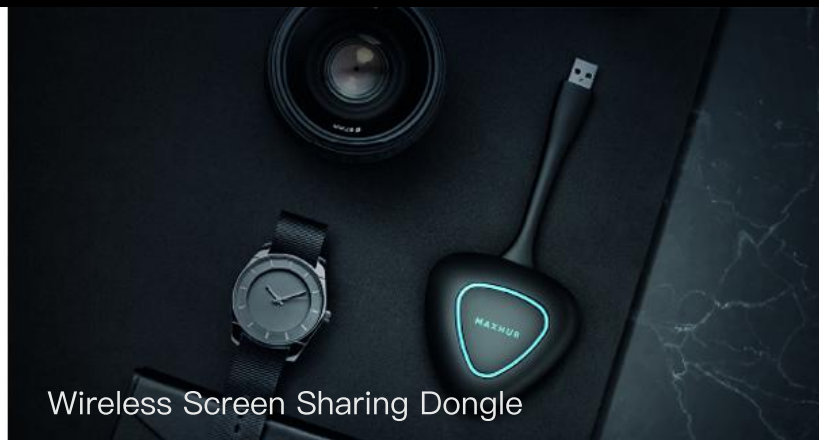
# Content

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





Intelligent EMR Pen



Wireless Screen Sharing Dongle

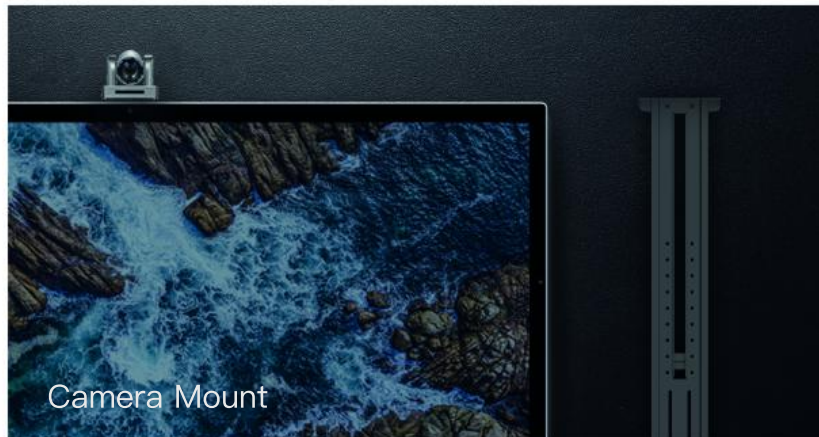


Electrical Trolley

Mobile Stand



Touch Pen



Camera Mount



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.

# Electrical Trolley, easy control and free adjustment

90 degree flip and flexible height adjustment, it is your workbench of creativity.

MAXHUB Conference Flat Panel can be flipped backward up to 90 degree with the controller. Flexible height offers you the most comfortable working experience like your are writing, designing, and working on a real table, boosting your creativity.



## Touch Pen



## Intelligent EMR pen



## PC Module MT31



## PC Module MT23



- Black, silver: 2 color options
- Power supply mode: active power source
- Flexible thickness of writing lines
- 1024 levels pressure sensitivity
- Dual-pen writing, and intelligently recognizing hand and pen.
- Available for Premium and Ultimate Series

- Remote control technology: RF 2.4GHz
- Control distance  $\leq 15\text{m}$
- Built-in Lithium Battery 260mAh
- Magnetic induction wireless charging base , USB power
- Voice-to-text, PPT slide turning, electromagnetic writing
- Available for Premium and Ultimate Series

- Intel core 7<sup>th</sup> 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

- Intel core 7<sup>th</sup> 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

## Intelligent Pen



- RF2.4GHz Remote Control Technology, 15m Control Distance
- One AAA battery, compatible with USB1.1, USB2.0, USB3.0 port
- PPT slide turning
- Fluid switch between writing, annotation, and whiteboard function
- Available for Standard and Elite Series

## Camera



- 1080P 30fps USB output
- 90° Angle, FF fixed focus lens
- Double array microphones, 5 meters voice picking-up
- WindowsXP/Windows7/Windows 8.1/Android4.4.3 and updated operating systems
- Echo cancellation
- Available for Elite Series

## 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
- 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



## 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

## Electrical Trolley



- Elegant texture and appearance, humanized design
- Flexible installation comes with a pallet
- 360 degree mute wheels for easy movement
- Flexible height adjustment, and free vision control
- Built-in cables create neat appearance
- Electric lift to adjust height and angle\*、90–180 degree tilt
- Compatible with 55 / 65 / 75 / 86 " devices

## 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

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

# Content

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

# 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 31<sup>st</sup> 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

Inspire the Power of Efficiency



CVTE I Enterprise Service Group

📍 Guangdong, China

🌐 [www.maxhub.vip/en](http://www.maxhub.vip/en)