



Video Conferencing & Education Solutions Provider

Custom Solution | One-Stop Manufacturing | ODM/OEM Service





Introduction

Founded in 2008, MYSHER TECHNOLOGY is a leading ODM and OEM manufacturer, as well as a solution provider for video conferencing and education presentation products. We proudly offer a comprehensive range of Interactive Flat Panel Displays (IFPD) with AI-powered cameras, microphone arrays, and wireless speakerphone options designed for the video conferencing market. Additionally, we provide a series of classroom visualizers with various software solutions tailored to the education market.

Our commitment lies in providing intelligent and optimal solutions that leverage innovative technology and superior product quality. We specialize in the development and delivery of cutting-edge AI-powered cameras with face tracking and microphone arrays equipped with voice tracking technologies. Moreover, our education presentation products are meticulously designed to meet the needs of interactive classroom applications.

Over the years, MYSHER has consistently delivered outstanding products and services, establishing partnerships with several top-notch Interactive Flat Panel Display (IFPD) brands. Our AI-powered camera and microphone-array products have been adopted by hundreds of IWB and IFPD vendors. MYSHER stands as your trusted partner in navigating the evolving landscape of video conferencing and education environments.

Award-Winning & Certified

Our education document camera products have received numerous awards, including recognition from IF Design and the Golden Pin Design Award qualifications. Additionally, our AI-powered cameras quality has received certification from Zoom, Microsoft Teams, and Tencent Voov. We also support customers who need to pass Google EDLA certification. We look forward to providing you with award-winning solutions and services.



ODM/OEM Service

MYSHER has years of ODM/OEM experience, collaborating with numerous well-known brands worldwide. Our manufacturing facility spans approximately 10,000 square meters and is equipped with world-class manufacturing equipment, including three 40-meter assembly lines and one 140-meter IFPD cleanroom assembly line. Our production quality system adheres to international standards ISO 14001 and 9001:2015, and our products comply with RoHS and REACH regulations.



*. All trademarks, logos, and copyrights mentioned above are the property of their respective owners.



Integrate with Business and Education Solutions

Table of Contents

03 FA-Series
Interactive Flat Panel Display

09 Video Conferencing
Software Solution

11 AI-Powered
Pluggable Camera Series

12 Speakerphone &
Wireless Microphone


13 Classroom Visualizers &
Software Series

FA-Series

Smart All-In-One Interactive Flat-Panel For Modern Business Collaboration




android 13
Operating System


Professional 4K Display


20 Touch Points


Anti-Glare Screen


12th / 13th Gen Intel CPU
* With Optional OPS


ViiTalk Rooms
Video Conferencing


Wireless Casting


Interactive Whiteboard


Premium AI
Audio and Video

The FA-Series is an innovative, all-in-one Interactive Flat-Panel Display designed to seamlessly adapt to various meeting spaces. This smart solution integrates a powerful video conference system powered by ViiTalk, complete with an AI camera, crystal-clear speakers, and a multiple-microphone array featuring voice-tracking and noise reduction technologies. Available in three sizes (65, 75, and 86 inches), this collaboration whiteboard runs on the latest Android 13 and offers a wide range of customizable options. It delivers an immersive meeting experience, facilitating enterprise collaboration anytime and anywhere.





1.07 Billion colors with 85% NTSC color gamut



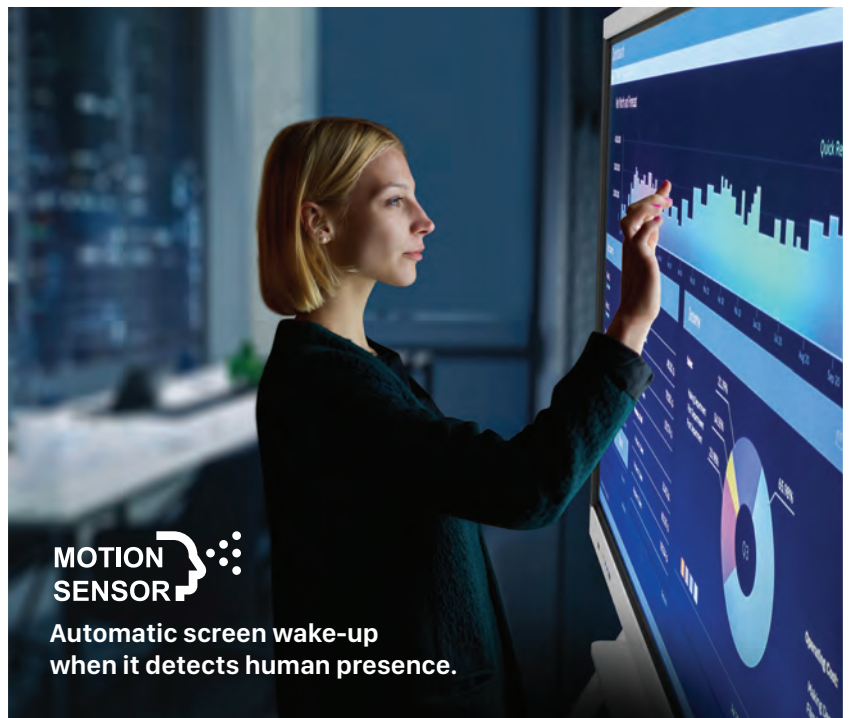
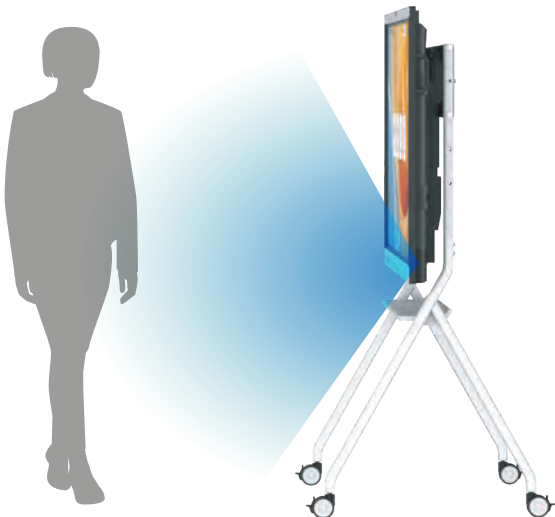
Built-in 20W x 2 Speaker

Premium 4K Video with Hi-Fi Sound Quality

Featuring an impressive 1.07 billion colors and an 85% NTSC color gamut on its Ultra-HD 4K display, the FA-Series ensures vibrant and accurate colors, elevating the visual experience. With dual sound units and powerful 20W speakers, it delivers robust audio quality, making it ideal for high-quality collaboration. Whether in a large video conferencing room or a huddle room, the FA-Series ensures a crystal-clear and powerful sound experience throughout.

Eco-Friendly Energy-Saving Design

Built with a highly sensitive motion sensor that detects human presence, it automatically adjusts energy usage, ensuring optimal efficiency and sustainability.



MOTION SENSOR

Automatic screen wake-up when it detects human presence.



Auto Framing



Wide Angle Lens

Captures whole room

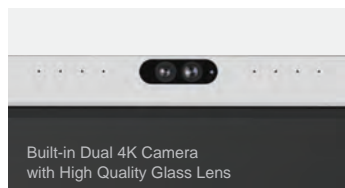


Telephoto Lens

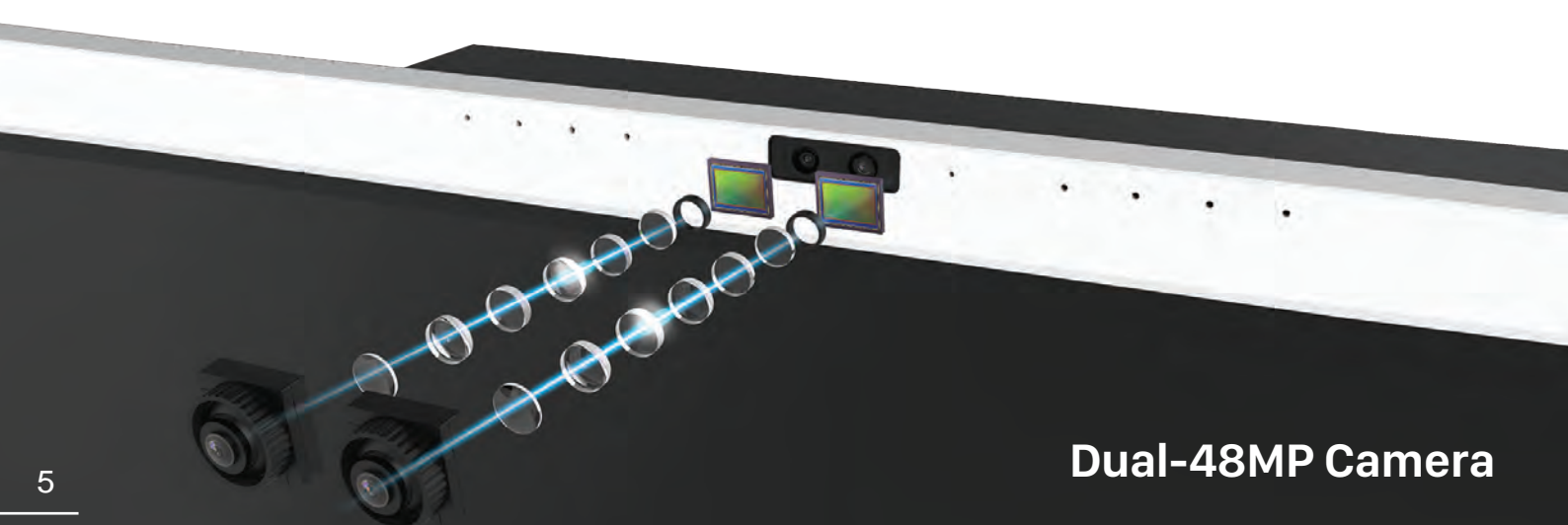
Auto-framing the speaker in the room

Seamless Focus, Capturing Every Angle

With dual **48MP Cameras** and powerful AI algorithms, the FA Series utilizes a wide-angle lens to capture clear images of participants in the room. Additionally, a telephoto lens is employed to automatically frame the speaker, providing a complete close-up view.



**The above built-in AI camera module options can be customized according to specific model specifications.*

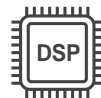


Dual-48MP Camera



Crystal-Clear Communication Experience

Featuring a built-in 8+4 microphone array and powerful DSP algorithms, this system utilizes the top 8-microphone array for regular audio capture and voice tracking, while the bottom 4-microphone array is dedicated to enhanced noise reduction, lossless transmission, echo cancellation (AEC), automatic gain control (AGC), and active noise suppression (ANS). It achieves crystal-clear full-duplex voice communication extending up to 10 meters.



Embedded Audio DSP



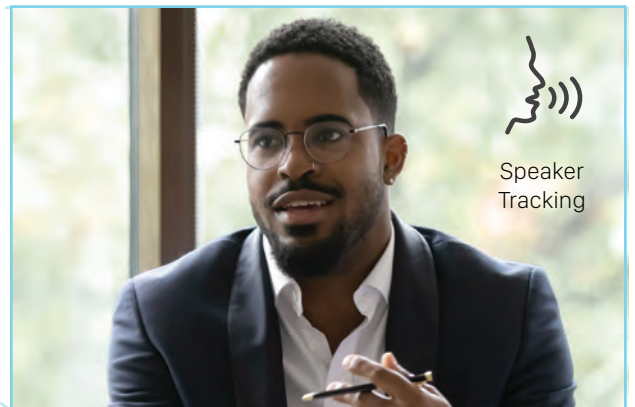
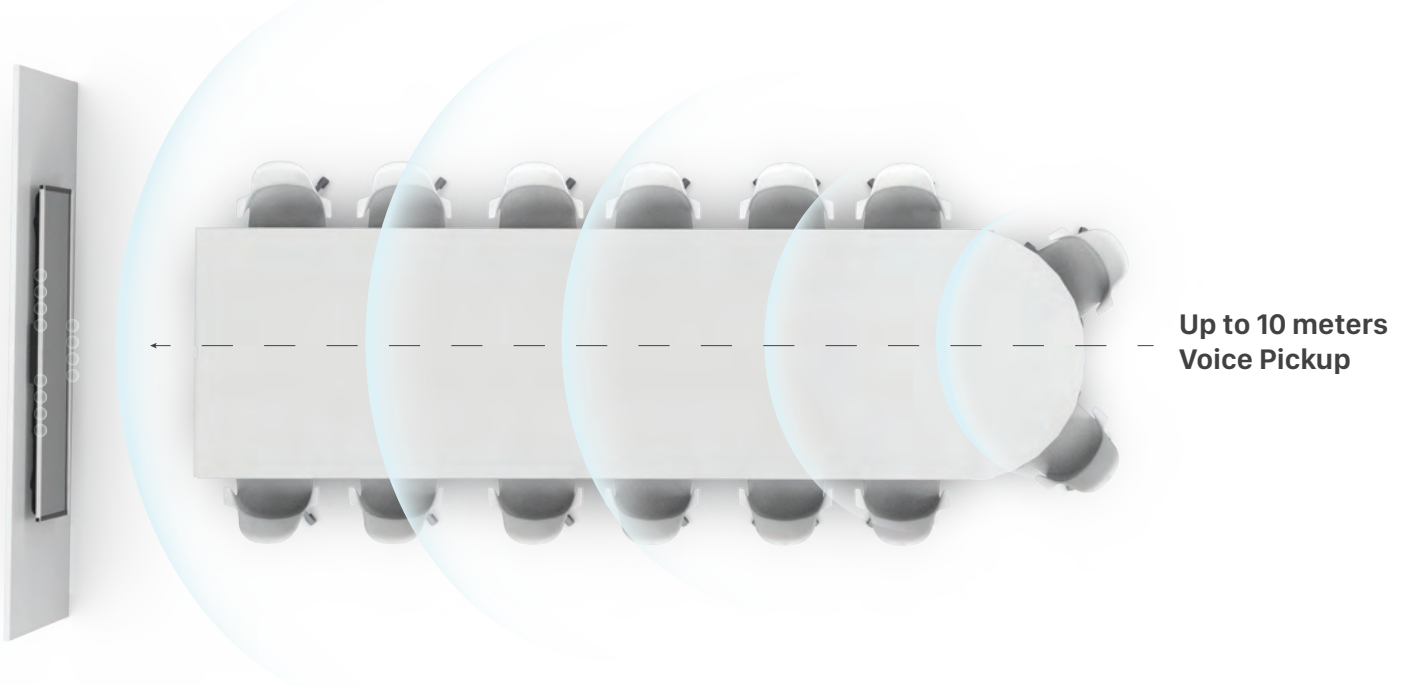
AI Noise Reduction



Full Duplex Audio



10 Meters Voice Pickup



Thanks to the built-in 12-microphone array, **speaker tracking** frames a real-time close-up of the presenter by continuously locating the sound source. This feature ensures that the presenter is always kept at the center of attention.



Interactive Whiteboard for Your Team Collaboration



Pen Tip Writing



Tail End Erasing



Ink to Shape



Fingers Navigating



Palm Rejection



Multiple users Writing

The FA-Series features a powerful whiteboard capable of recognizing a fine pen tip as a writing instrument. Finger operations support canvas movements, zooming, and specific object functions such as selection, rotation, and copying. This intelligent whiteboard enhances team collaboration.



Unlimited Creativity

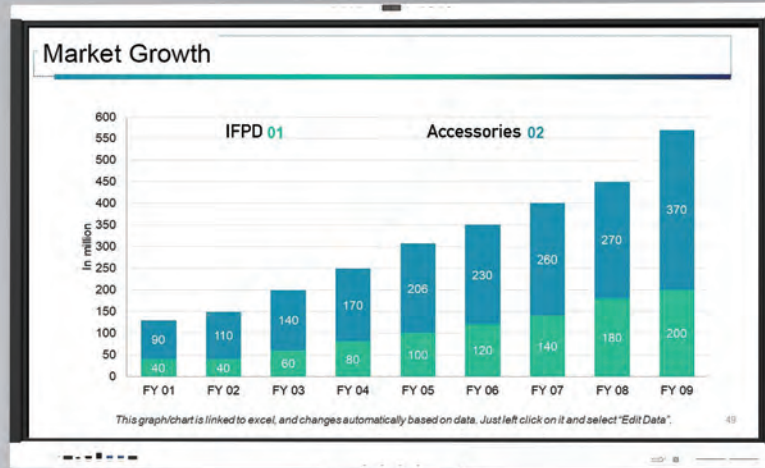
Utilize the infinite canvas to articulate all your ideas and organize them effortlessly with pagination. Designed to be flexible and cater to diverse needs, it enables seamless collaboration and limitless creative expansion.



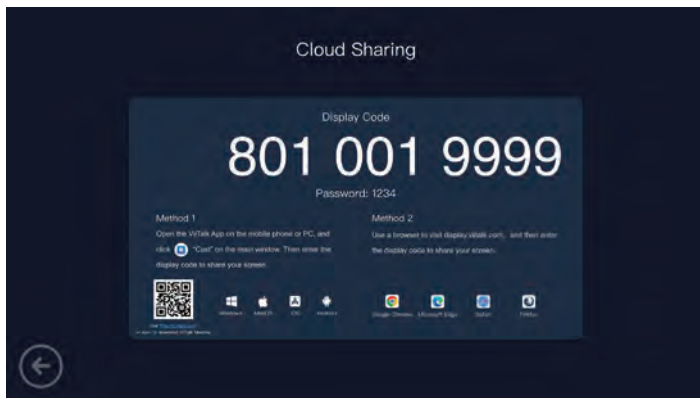
Optimize Your Collaboration

The advanced whiteboard supports the recognition of multiple pen points, enabling a dynamic experience where multiple users can draw and write simultaneously on the whiteboard. Enhance collaborative creativity with the flexibility to engage multiple contributors in real-time.

Seamless Collaboration With Cloud Screen Sharing!



Screen Sharing - Scenario 1



Exclusive Cloud Screen Sharing

Facilitate seamless collaboration with exclusive Cloud Screen Sharing! The FA-Series supports multiple screen-sharing methods, including sharing by scanning the QR code or using a web browser. Simply input the display code in any web browser to effortlessly connect, collaborate, and share your screen in ways you've never experienced before.



*. The above cloud screen-sharing methods are only available when using the FA-Series' built-in ViiTalk video conferencing software.

Screen Sharing - Scenario 2



Wireless Screen Casting Dongle

Thanks to the built-in dual Wi-Fi module, the FA-series ensures simultaneous screen-sharing hotspots and network connections. This feature enables instant screen casting through the external Wireless Sharing Dongle. Experience a fast and stable connection with minimal image latency, guaranteeing an exceptional screen-sharing experience.



*. T4C - 4K Wireless Screen Casting Dongle (Optional)

4K

Videophone



Powered by ViiTalk

Intuitive 4K Video Conferencing Software

Unlike other IFPDs, the FA series integrates with an intuitive video conferencing software powered by ViiTalk. This advanced software combines multiple core technologies, offering ultra-clear 4K video quality, AI voice-to-text translation, and cloud screen sharing features. Thanks to the AI-powered camera, the ViiTalk video conferencing delivers a premium video conferencing experience, including auto-framing, voice tracking, and gesture recognition, to meet the collaboration needs of enterprises.



1080P/4K Video Calls



Schedule Meeting



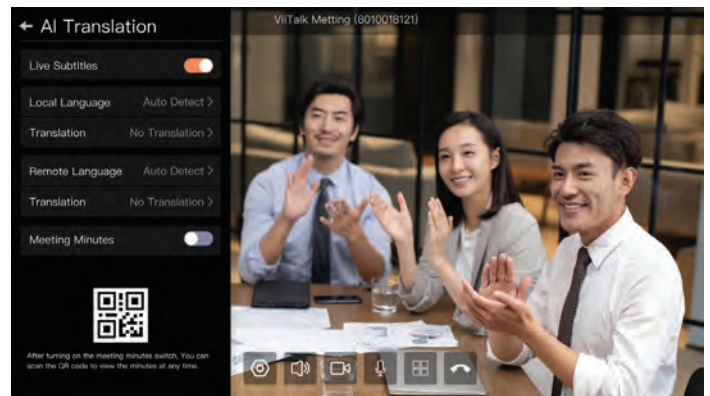
Speech-To-Text Translation



Cloud Screen Sharing



Cross Platform Supported



Excellent Ultra High-Definition 4K Video Calls

Empowered by ViiTalk technology, the FA-Series efficiently compresses video data in high quality, delivering ultra-clear 1080P/4K video conferencing on any regular network. Elevate your video conferencing experience to the next level.

AI Speech-To-Text Translation

ViiTalk delivers real-time AI Speech-To-Text translation, instantly transcribing spoken words into on-screen subtitles during conference calls. Break language barriers, enhance collaboration, and make your discussions accessible to everyone. Upgrade your conferencing experience today!

FA-Series IFPD Specifications

Display

	FA065YN	FA075YN	FA086YN
Model	FA065YN	FA075YN	FA086YN
Display Size (Inch)	65"	75"	86"
Panel Type	IPS or VA	IPS or VA	IPS or VA
Backlight	Direct-lit LED	Direct-lit LED	Direct-lit LED
Resolution	Ultra HD 4K 3840x2160	Ultra HD 4K 3840x2160	Ultra HD 4K 3840x2160
Aspect Ratio	16:9	16:9	16:9
Display Colors	1.07 Billion	1.07 Billion	1.07 Billion
Color Depth	8-bits	8-bits	8-bits
Brightness (typ)	400 cd/m2	400 cd/m2	400 cd/m2
Color Gamut (typ)	85% NTSC	85% NTSC	85% NTSC
Contrast Ratio	1200:1	1200:1	1200:1
Response Time	8ms	8ms	8ms
Viewing Angle	178°	178°	178°
Panel Refresh Rate	60Hz	60Hz	60Hz

Touch

Touch Technology	Infrared
Glass	Anti-Glare Glass
Touch Points	20 Points in Android / 40 Points in Windows
Writing Tool	Stylus / Finger / Eraser
Whiteboard Writing Features	Pen Tip Writing / Tail End Erasing / Ink to Shape / Multiple Users Writing / Fingers Navigating / Palm Rejection

Camera / Speaker / Microphone

Camera	Built-in Dual-48MP Camera
Camera Feature	Auto-Framing / Speaker-Tracking
Speaker	Built-in Speaker 20W x 2 (L/R)
Microphone	Built-in 12-Microphone Array

Other Camera and Microphone Options Available

- 1) Built-in 4K/12MP/13MP/16MP/48MP Cameras
- 2) Built-in Dual 4K Camera with a high-quality glass lens
- 3) Pluggable Camera with a single or dual-camera lens
- 4) Built-in 16-Microphone Array

Connectivity

Front-Panel (I/O)	HDMI In x 1, USB-B (Touch) x 1, USB-A 3.0 (Dynamic) x 2, USB-C x 1, IR Receiver x 1, Wireless Mic.Receiver*1 x 1
Rear-Panel (I/O)	TF Card Slot x 1, USB-A (Dynamic) 2.0 x 1, USB-A (Android) 2.0 x 1, USB-B (Touch) x 2, HDMI In x 2, HDMI Out x 1, RS232 x 1, Audio Out x 1, Audio In (For Video Calling) x 1, Audio In (For Local Amplification) x 1, RJ45 In x 1 (1000M) S/PDIF x 1, OPS Slot*2 x 1
Wi-Fi	Dual-band Wi-Fi 6 + Dual-band Wi-Fi 5
Bluetooth	Bluetooth 5.0

Computing

	Android 13	Android 13	Android 13
Operation System	Android 13	Android 13	Android 13
RAM	8GB	8GB	8GB
ROM	64GB	64GB	64GB
CPU	A73x4+A53x4	A73x4+A53x4	A73x4+A53x4
GPU	Mali G52 MP8	Mali G52 MP8	Mali G52 MP8

Other Features

PM2.5*3	Built-in	Built-in	Built-in
Carbon dioxide (CO2)*3	Built-in	Built-in	Built-in
Temperature and humidity*3	Built-in	Built-in	Built-in
Motion Sensor	Built-in	Built-in	Built-in
NFC	Built-in	Built-in	Built-in
Pen Detection Sensor	Built-in	Built-in	Built-in

Power

Power Supply	AC 100-240V, 50/60Hz	AC 100-240V, 50/60Hz	AC 100-240V, 50/60Hz
Max. Power Consumption	420W (65")	450W (75")	550W (86")
Standby	≤ 0.5W	≤ 0.5W	≤ 0.5W

Physical Dimension

Display Dimension (W x D x H)	1504 x 117 x 923 mm 59.2x 4.6 x 36.3 Inches	1652 x 117 x 1049 mm 65 x 4.6 x 41.3 Inches	1972 x 117 x 1197 mm 77.6 x 4.6 x 47.1 Inches
-------------------------------	--	--	--

Accessories



T4C
4K Wireless Screen Sharing Dongle

KZH11
Mobile Stand



*1 The Wireless Microphone Receiver can be equipped with an optional Transmitter.

*2 The OPS can be equipped with an optional 12th Gen Intel CPU or 13th Gen Intel CPU.

*3 Choose two from Ambient light sensor, PM2.5, and Carbon dioxide (CO2).

Specifications are subject to change without notice.

Pluggable Camera Series



Empower your interactive display vision with excellent AI-powered camera and microphone-array technologies.

MYSHER offers a series of AI-powered pluggable cameras suitable for any size of conference room. They can be customized to fit various Interactive Flat-Panel Displays requirements.

CT302C / CT302E

4K Pluggable Camera
With 4-Microphone Array

- 4K@30fps video quality with AI Auto Framing
- Built-in 4-Microphone Array for Voice Tracking
- 120° wide-angle lens
- Support MJPEG / H.264 / H.265 compression
- Privacy protection cover (Optional)
- IR receiver (Optional)
- USB Type-C or 30-Pin Connector available



CT411C-R8M2

4K Pluggable Cameras
With 2-Microphone Array

- 4K@30fps video quality with AI Auto Framing
- Built-in 2-Microphone Array
- Support for MJPEG / H.264 / H.265 compression
- Privacy shutter design
- Optional IR receiver
- Handy USB Type-C Connector for easy integration with IFPD



CT303C / CT303E

Dual 4K Pluggable Camera
With 4-Microphone Array

- Dual 4K Camera with a wide-angle lens and a telephoto lens.
- 4K@30fps video quality with AI Auto Framing
- Built-in 4-Microphone Array for Voice Tracking
- Support MJPEG / H.264 / H.265 compression
- Privacy protection cover (Optional)
- IR receiver (Optional)
- USB Type-C or 30-Pin Connector available



CT511C-R8M2

4K Pluggable Cameras
With 2-Microphone Array

- 4K@30fps video quality with AI Auto Framing
- Built-in 2-Microphone Array
- Support for MJPEG / H.264 / H.265 compression
- Privacy shutter design
- Optional IR receiver
- Handy USB Type-C Connector for easy integration with IFPD



ViiCam - Camera Control App for IFPD

Unlock the power of MYSHER pluggable cameras with the exclusive ViiCam app. This camera app integrates MYSHER's core algorithm technology, empowering you to enjoy a comprehensive range of AI-powered features, including auto-framing, voice-tracking, and real-time gesture recognition. Additionally, it offers the flexibility to configure and fine-tune various camera properties directly on any Android OS Interactive Flat-Panel Displays, providing a professional video conferencing experience.



Auto Framing



Voice Tracking



Gesture Recognition



H.264 / H.265 Compression



Compatible with Android 13



AB03

2-IN-1 Bluetooth/USB Speakerphone

Crystal Clear Sound Quality

Ideal for Enterprise Conference Calls

- 2-in-1 Bluetooth/USB speakerphone
- 360° Omni-directional voice pickup
- Build-in 6-microphone array
- Sound localization
- Build-in DSP supports audio 3A (AGC, ANS, AEC) algorithms
- Long life battery supports 8 hours continuous operation



360° Omni-directional Voice Pickup



High-Quality Audio



Sound Localization



Audio 3A Algorithms



2-in-1 Bluetooth / USB



Sound Source Localization Technology

Automatic detect and focus on the attendees voice location to enhance the sound pick up quality.



Omni-directional Microphone

With 6-Microphone Array, the AB03 speakerphone provides 360-degree coverage enabling hands-free collaboration and allowing attendees to hear and be heard from all angles.



Full Duplex Technology

With a full duplex technology, it is able to make multiple users communicate simultaneously, if anyone interrupts and chime in won't cut off the current speaker.

AS202

Wireless Microphone

The Neck-worn Hands-free Wireless Microphone

For Interactive Flat Panel Displays (IFPDs)

- Neck-worn design with comfortable soft rubber material
- Quick and easy installation with Infrared (IR) Pairing
- Omnidirectional microphone for optimal audio pickup
- Up to 10 meters of wireless operating range
- Built-in DSP supports noise reduction
- Built-in a 7.5 hours rechargeable battery
- Plug-and-play, driver-free



Quick and Easy IR Pairing



7.5 Hours Battery Life



Teach with freedom, speak with ease!

Upgrade your experience teaching with the AS202, a neck-worn wireless microphone designed specifically for teachers. Crafted with soft rubber, it ensures a comfortable and effortless experience throughout the day. The built-in 750mAh rechargeable battery offers 7.5 hours of continuous operation, ensuring a full day of classroom use without the need for recharging.



10-Meter Receiving Range

With an impressive wireless operating range of up to 10 meters, teachers can freely navigate the classroom while staying connected. Engage with students from every corner of the classroom, deliver dynamic lessons, and ensure every voice is heard clearly.



Built-in DSP Supports Noise Reduction

The AS202 wireless microphone, equipped with a built-in DSP chip, boasts an advanced voice noise reduction function. This cutting-edge technology effectively minimizes environmental noise, ensuring the teacher's voice is transmitted clearly through the IFPD's speaker.

Interactive Solutions For Education



A Smart Visualizer for Every Classroom

MYSHER offers a wide range of high-quality visualizers and easy-to-use Visualizer software options to enhance your educational presentations. Recognizing the uniqueness of every classroom, we have developed a variety of visualizers to meet your educational and budgetary requirements. Our portable, desktop, wireless, and wall-mounted visualizers are designed to elevate your in-classroom or remote learning experiences. Choose an MYSHER visualizer solution for any subject, from STEM to language arts to physical education.



Desktop & Portable Visualizer Series



VS5 / VS13

2-in-1 USB Portable Type
2K and 4K Visualizers

- 5MP camera with 2K@30 FPS output (VS5).
- 13MP camera with 4K@30 FPS output (VS13).
- Large A3 shooting area.
- One-press AF/Rotate button.
- Built-in LED light and microphone.
- UVC/UAC Compliant, Plug & Play.
- Foldable multi-joint design for easy mobility and storage.
- Works with an interactive VisualCam software.



VZ4

Desktop Type, Mechanical Arm
USB/HDMI 4K Visualizer

- Impressive 16MP with 4K@30 FPS video output
- 16X total zoom to clearly focus on the smallest details.
- Quick navigation buttons for easy camera control.
- Extremely compact and mechanical arm design.
- HDMI and USB connectivity.
- Works with an interactive VisualCam software.



VS13AI

2-in-1 USB 4K Visualizer with
AI-Noise Reduction Technology

- 13MP camera with 4K@30 FPS & 1080P@60 FPS output.
- Large A3 shooting area.
- Built-in AI-Noise Reduction Microphone.
- Built-in G-sensor, automatically rotates video.
- Dual-mode autofocus (AF-C / AF-S).
- Foldable multi-joint design for easy mobility and storage.
- Works with an interactive VisualCam software.



VZ4W

Desktop Type, Mechanical Arm
Wireless 4K Visualizer

- Wi-Fi Client STA and hotspot connection.
- Impressive 16MP with 4K@30 FPS video output
- 16X total zoom to clearly focus on the smallest details.
- Quick navigation buttons for easy camera control.
- Extremely compact and mechanical arm design.
- Built-in rechargeable battery works for over 6 hours.
- Wi-Fi, HDMI, and USB connectivity.
- Works with an interactive VisualCam software.





Wall-Mounted Visualizer Series



VF134X1 Wall-Mounted Type Armless Visualizer

- 13MP Camera
- Designed for wall-mounting with a security lock case.
- Multiple touch buttons for easy operation.
- Works with ViiBoard visualizer software for Flat-Panel Display (IFPD) interaction.
- Compatible with Android and Windows.



VF13401 Wall-Mounted Type Visualizer

- 13MP Camera
- Designed for wall-mounting with a security lock case.
- Multiple touch buttons for easy operation.
- Works with ViiBoard visualizer software for Flat-Panel Display (IFPD) interaction.
- Compatible with Android and Windows.



VF16401 Wall-Mounted Type Visualizer

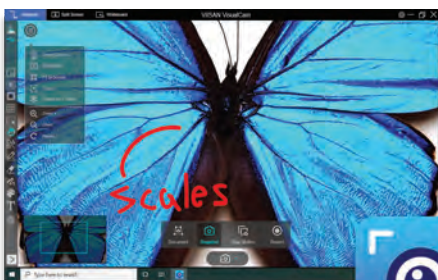
- 16MP Camera
- Designed for wall-mounting with a security lock case.
- Multiple touch buttons for easy operation.
- Works with ViiBoard visualizer software for Flat-Panel Display (IFPD) interaction.
- Compatible with Android and Windows.



VF84X1 Wall-Mounted Type Visualizer

- Max. resolution up to 10MP.
- 1080P@30fps HD image quality.
- Designed for wall-mounting with a security lock case.
- Multiple touch buttons for easy operation.
- Works with ViiBoard visualizer software for Flat-Panel Display (IFPD) interaction.
- Compatible with Android and Windows.

Interactive Visualizer Software Series



VisualCam

Interactive Visualizer Software
for Windows, macOS, and Web Application



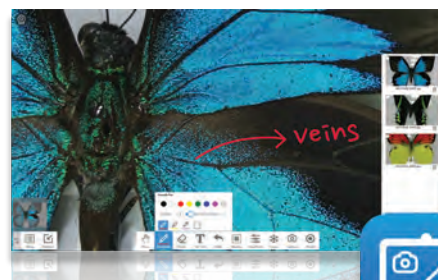
Windows



MacOS



Web
Application



ViiBoard

Interactive Visualizer & Whiteboard Software
for Android IFPDs and OPS



Android



Windows



MYSHER

CONTACT US



+86-10-82826362



info@mysher.com



<http://en.mysher.com/>

MYSHER TECHNOLOGY CO., LTD
Unit B306 Information Center, Zhong Guan Cun Software Z-Park.
HaiDian District, Beijing, China (100193)