VIISAN®

2022/03/03 Thursday | **10:46**

Reservation　Conference　Screen Sharing　Whiteboard

FA Series

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

android 13 Operating System	**4K** 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	**AI** 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.
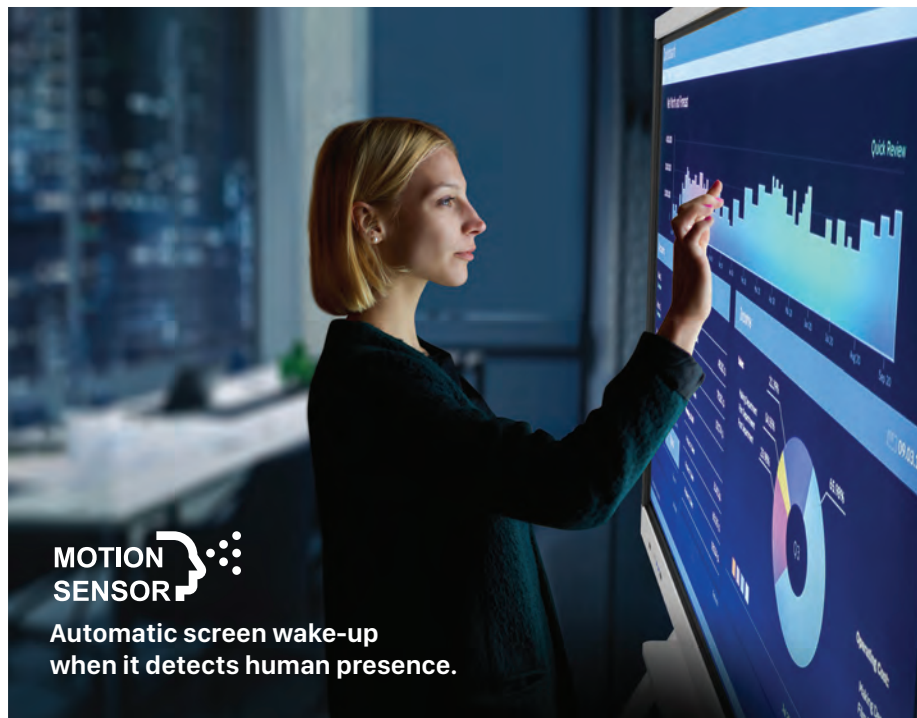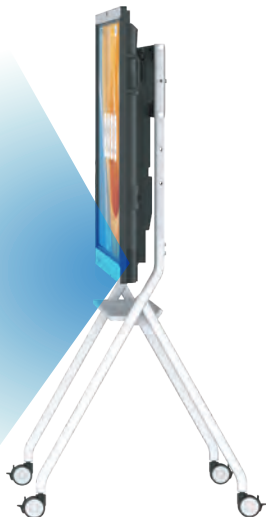
1.07 Billion colors with 85% NTSC color gamut

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
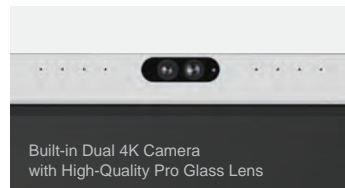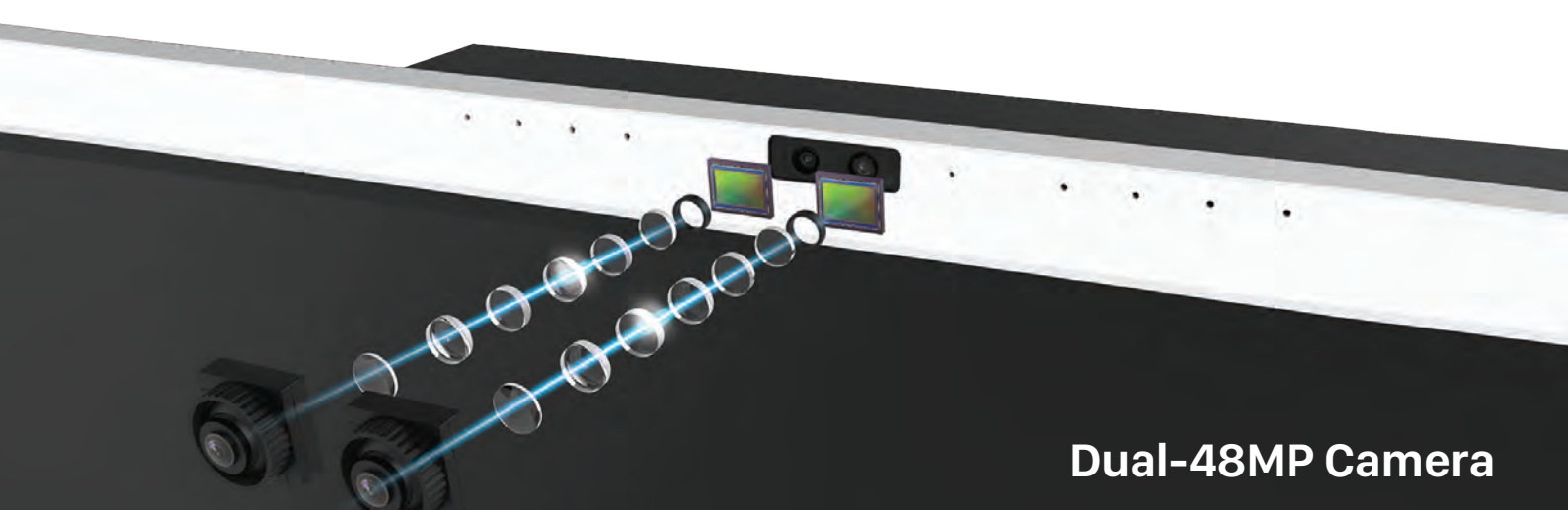Captures all attendees
in a wide-angle view.

Standard View
Captures clear images of attendees
with a standard-angle perspective.

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.

Optional 12/13/16/48/50MP camera

Built-in Dual 4K Camera
with High-Quality Pro Glass Lens

Optional single-lens 4K pluggable camera
(Type-C, 88° or 120° FOV)

Optional dual-lens
4K pluggable camera (30-pin)

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.

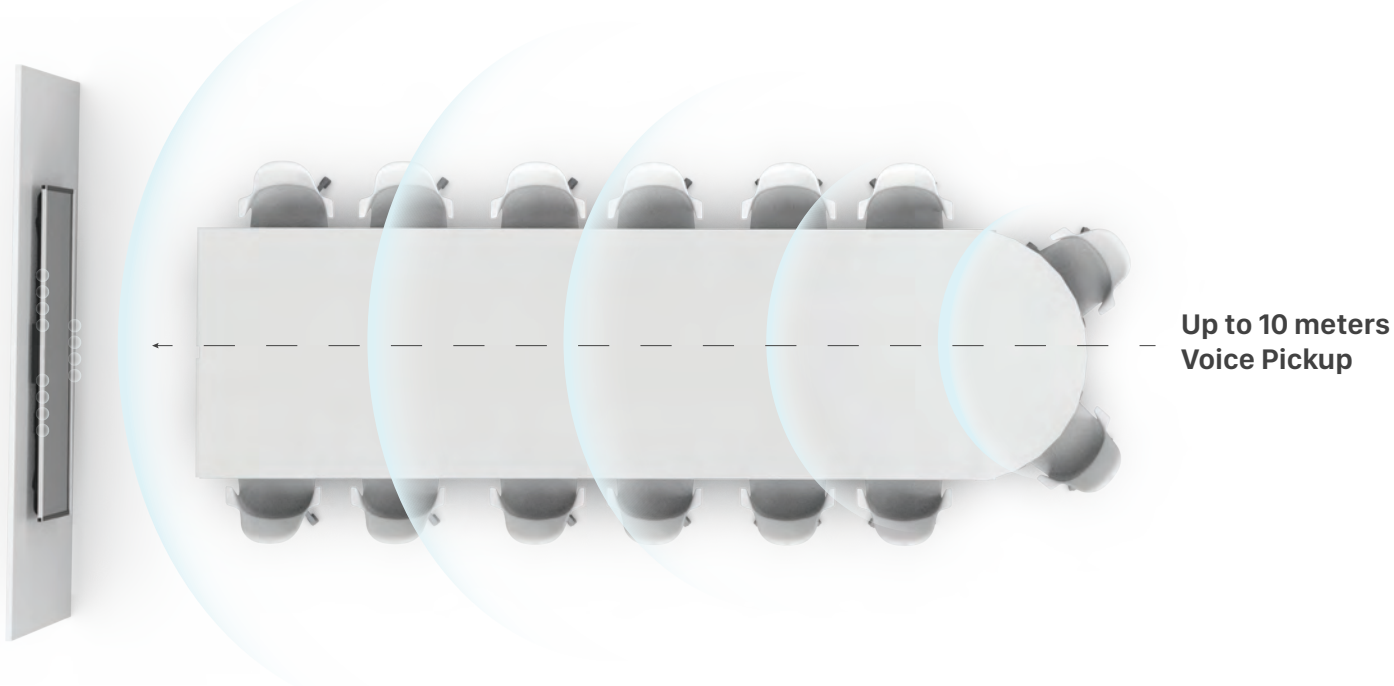| **DSP**			**10M**
Embedded Audio DSP	AI Noise Reduction	Full Duplex Audio	10 Meters Voice Pickup

Up to 10 meters Voice Pickup

Speaker Tracking

Thanks to the built-in 8+4 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.
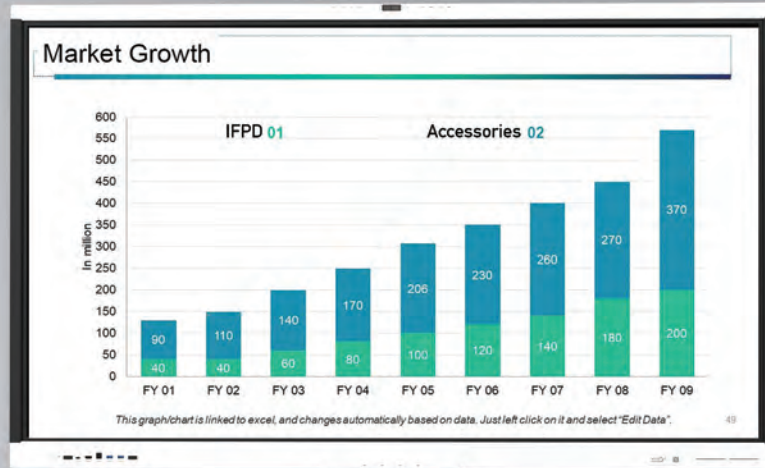

Unlimited Creativity

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!

Scenario 1 (Cloud Screen Sharing)

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.

Chrome   Edge   Safari   Firefox

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

Scenario 2 (Local Wireless Screen Sharing)

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

ViiTalk Meeting (8010010001)

Powered by ViiTalk

Intuitive 4K Video Conferencing Software

Unlike other IFPDs, our IFPD integrates seamlessly with ViiTalk video conferencing software. This advanced platform combines multiple core technologies, offering ultra-clear 4K video calls, AI voice-to-text translation, scheduled meetings, and cloud screen sharing features. With AI-powered camera settings, ViiTalk delivers a premium video conferencing experience that includes auto-framing, voice tracking, and gesture recognition, supporting H.323/SIP compatibility, perfectly meeting the collaboration needs of enterprises.

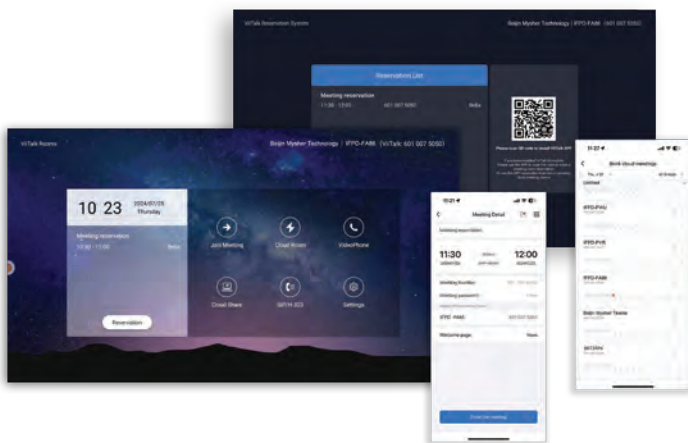| 1080P/4K Video Calls | Schedule Meeting | Speech-To-Text Translation | Cloud Screen Sharing | Cross Platform Supported |

Schedule Meetings with Ease

With ViiTalk video conferencing software, users can easily schedule meetings or reserve meeting room devices by scanning a QR code using their smartphone or via the ViiTalk client app on a laptop. This feature streamlines the scheduling process, making organizing and coordinating meetings hassle-free and accessible for everyone.

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!

Specifications

Display

Model	FA065YN / FA075YN / FA086ZN
Available Size (Inch)	65" / 75" / 86"
Dimension (mm)	1504 x 117 x 923 mm (for 65") / 1652 x 117 x 1049 mm (for 75") / 1972 x 117 x 1197 mm (for 86")
Brightness (typ)	450 cd/m2
Color Gamut (typ)	85% NTSC
Contrast Ratio	1200:1 (IPS Panel)
Backlight	D-LED
Resolution	Ultra HD 3840x2160
Aspect Ratio	16:09
Response Time	8ms
Viewing Angle	178°
Color Depth	8-bits
Panel Refresh Rate	60Hz
Others	Low Blue Light

Touch

Touch Technology	Infrared
Glass	Anti-Glare Glass
Writing Tool	Stylus / Finger / Eraser
Touch Points	20 Points in Android / 40 Points in Windows
Writing Features	Pen Tip Writing / Tail End Erasing / Eraser rotation recognition / Simulated pressure sensitivity / Palm Rejection

Speaker / Camera / Microphone

Speaker	L：20W / R：20W
Camera	Built-in dual 48MP camera (Optional 4K camera with high-quality Pro lens)
Microphone	Built-in 8+4 Microphone Array with AGC / ANR / AEC (10M sound-pickup)

Computing

OS	Android 13
CPU	A73x4+A53x4
GPU	Mali G52 MP8
RAM	8G
ROM	64G
UI	4K

I/O

Front	Interface	HDMI In x 1 /USB-B For Touch x 1/ USB-A (Dynamic) 3.0 x 2 / USB-C x 1 supports Power Delivery (PD)
	Buttons	Power On/Off / OPS system reset hole
	Others	Light sensor*1 / IR Receiver / X-Mic Receiver*2 / Environmental Sound Detection*3 / NFC / Motion Sensor / Pen Launch Detection
Back	Interface	**Side I/O:** TF Card slot x 1 / USB-A (Dynamic)2.0 x 1 / USB-A (Android) 2.0 x 1 / HDMI In x 2 / USB-B For Touch x2 / HDMI Out x 1 / OPS Slot x1 *5 **Bottom I/O:** 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 / SPDIF x 1
Connectivity		Pluggable Wi-Fi Module and Bluetooth (Dual-band Wi-Fi 6 + Dual-band Wi-Fi 5 + Bluetooch 5.)

Sensor

PM2.5 / Carbon dioxide (CO2) / Temperature and humidity	Choose two from PM2.5, Carbon dioxide (CO2), and Temperature humidity
Wireless Microphone (X-Mic) Receiver*4	Build-in
Motion Sensor	Build-in
NFC	Build-in
Quick Pen Launch Detection	Build-in

Optional Accessories

T4C
4K Wireless Screen Sharing Dongle

OPS
Intel 12th Gen.
Core i5 or i7 CPU

KZH11
Mobile Stand

VIISAN®

Website: www.viisan.com

NOTE:
*1 The light sensor adjusts the panel's backlight based on the surrounding environment.
*2 The 'X-MIC' is an IR receiver designed to receive signals from the wireless microphone transmitter.
*3 The Environmental Sound Detection feature supports software algorithms to enhance local sound pickup.
*4 The Wireless Microphone Receiver can be optionally equipped with a Microphone Transmitter.
*5 The OPS can be equipped with an optional Intel 12th Gen. Core i5 or i7 processor.

9/14/2024 V1.3