

SAMSUNG

Make a bold statement, faster

Power on an awe-inspiring viewing experience with The Wall All-In-One. Engineered to be quickly ready to go out of the box, Samsung's most advanced and stunning display makes a bold statement in any environment. With the Wall All-In-One you simply choose your size and resolution, and you're assured of a complete, easy-to-install, brilliant solution.



Stunning Picture Quality

Deeper blacks, greater contrast

Purer black levels with enhanced depth deliver unparalleled contrast and immaculate detail.

Vivid, vibrant color purity

With Ultra Chroma Technology, colors leap to life with spectacular vibrancy.

Colors mapped to perfection

The Wall All-In-One's 20-bit processing delivers accurate color mapping, for incredibly realistic images.

Continuous natural shading

Deeper bit depth at low grayscale and a precise linear grayscale deliver greater contrast ratio and exceptionally smooth, natural tones and shadows.

Instant AI optimization

The powerful AI processor delivers enhanced, noise-free visuals in up to 4K resolution.¹

Smooth motion, dazzling dynamic range

The Wall All-In-One automatically converts 60Hz signals to 120Hz for smoother motion graphics. HDR10/10+ and LED HDR illuminate ideal peak brightness and contrast scene-by-scene for spectacular imagery.



Flexible Design & Installation

Pre-Assembled for an Easy Install

The Wall All-In-One drastically simplifies installation with preconfigured modules and docking background plates.² Two people can install it in about two hours.³

Integrated S-Box

Integrated box eliminates cumbersome configuration process and saves space.

All-In-One means no extras needed

From the control box and wall brackets to speakers and deco bezels, everything you need to get started is included.



Easy Management & Security

Smarter collaboration with Smart View+

Smart View+ lets you mirror up to four devices of any brand simultaneously for easy collaboration.

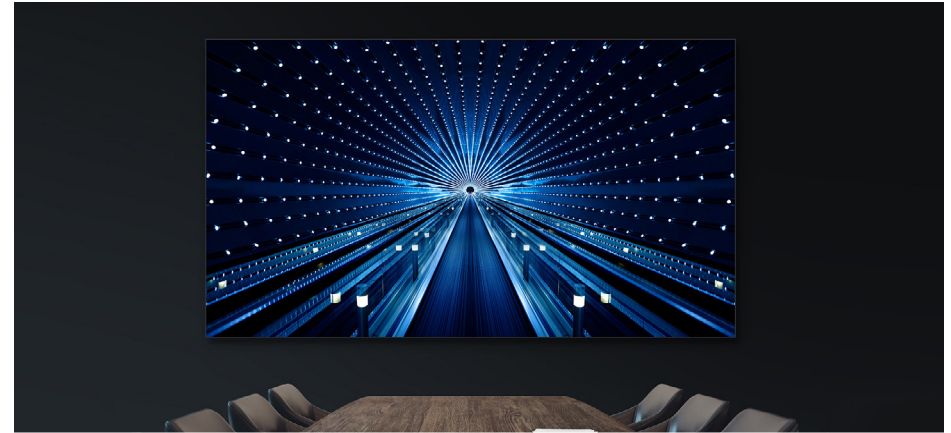
Flexible video conferencing

The Wall All-In-One supports seamless video conferencing, with Cisco Webex compatibility and Logitech plug-and-play camera capability.⁴

Operate with peace of mind

The integrated Knox security platform protects against external attacks, blocks malicious code execution and controls USB and network exchange.

The Wall All-In-One IAB Series Displays



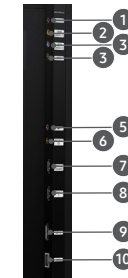
The Wall All-In-One IAB Series Displays

| Specifications | | Model Name | IA008B: 146" 4K | IA016B: 146" 2K | IA012B: 110" 2K |
|------------------------|---------------------------------------|------------|--|--|--|
| Physical Parameters | Pixel Pitch | | 0.84 mm | 1.68 mm | 1.26 mm |
| | Pixel Configuration | | 1 red, 1 green, 1 blue | 1 red, 1 green, 1 blue | 1 red, 1 green, 1 blue |
| | Configuration (LxH, per screen) | | 3840 x 2160 pixels | 1920 x 1080 pixels | 1920 x 1080 pixels |
| | Diode Type | | Flip-chip RGB LED | Flip-chip RGB LED | Flip-chip RGB LED |
| | Diagonal (Diagonal x D, per screen) | | 145.7" x 1.9" | 145.7" x 1.9" | 109.3" x 1.9" |
| | Dimensions (W x H x D, screen) | | 127" x 71.4" x 1.9" / 3,225.6 x 1,814.4 x 49.5 mm | 127" x 71.4" x 1.9" / 3,225.6 x 1,814.4 x 49.5 mm | 95.3" x 53.7" x 1.9" / 2,423.1 x 1,364.4 x 49.5 mm |
| | No. of Modules (W x H, per screen) | | 16 x 12 | 16 x 12 | 12 x 9 |
| Optical Parameters | Weight (per screen) | | 168 kg / 370.4 lbs | 168 kg / 370.4 lbs | 99 kg / 218 lbs |
| | Brightness (Peak/Max) ⁵ | | 1,600 nit / 500 nit | 1,400 nit / 500 nit | 1,600 nit / 500 nit |
| | Contrast Ratio ⁶ | | 24,000:1 | 22,000:1 | 24,000:1 |
| | HDR Compatibility | | LED HDR / HDR10+ support / AI Picture | LED HDR / HDR10+ support / AI Picture | LED HDR / HDR10+ support / AI Picture |
| | Viewing Angle (Horizontal / Vertical) | | 170° / 155° | 170° / 155° | 170° / 155° |
| | Bit Depth | | 16 bit (Internal processing 20bit) | 16 bit (Internal processing 20bit) | 16 bit (Internal processing 20bit) |
| | Color Temperature (Default) | | 6,500K ± 500K (Floating bin) | 6,500K ± 500K (Floating bin) | 6,500K ± 500K (Floating bin) |
| Electrical Parameters | Color Temperature (Adjustable) | | 2,800K - 10,000K | 2,800K - 10,000K | 2,800K - 10,000K |
| | Video Rate | | 50/60 Hz/100/120 (FRC) Hz | 50/60 Hz/100/120 (FRC) Hz | 50/60 Hz/100/120 (FRC) Hz |
| | Input Power Range | | 100-240 VAC, 50/60 Hz | 100-240 VAC, 50/60 Hz | 100-240 VAC, 50/60 Hz |
| | Power Consumption (Max. / Typ.) | | 1700W/Screen / 1100W/Screen | 1240W/Screen / 860W/Screen | 900 (W/Screen) / 650 (W/Screen) |
| | Heat Generation (Max. / Typ.) | | 5800 BTU/Screen / 3753 BTU/Screen | 4231 BTU/Screen / 2934 BTU/Screen | 3071 (BTU/Screen) / 2218 (BTU/Screen) |
| | Refresh Rate ⁷ | | 3,840 Hz | 7,680 Hz | 3,840 Hz |
| | Power Redundancy | | No | No | No |
| Operational Parameters | Working Temperature / Humidity | | 32°-104° F / 10%-80%RH | 32°-104° F / 10%-80%RH | 32°-104° F / 10%-80%RH |
| | Storage Temperature / Humidity | | -4°-113° F / 5%-95%RH | -4°-113° F / 5%-95%RH | -4°-113° F / 5%-95%RH |
| | IP Rating | | IP20 | IP20 | IP20 |
| | LED Lifetime | | 150,000 hours | 150,000 hours | 150,000 hours |
| | Controller | | Built-in | Built-in | Built-in |
| Connectivity | Input (Video) | | DP1.2 (1), HDMI 2.0 (3), USB 2.0 (2) | DP1.2 (1), HDMI 1.4 (3), USB 2.0 (2) | DP1.2 (1), HDMI 1.4 (3), USB 2.0 (2) |
| | Output | | Audio (Stereo Mini Jack) / eARC | Audio (Stereo Mini Jack) / eARC | Audio (Stereo Mini Jack) / eARC |
| | Wi-Fi / Bluetooth | | Yes / Yes | Yes / Yes | Yes / Yes |
| | External Control | | RS232C (in), RJ45 | RS232C (in), RJ45 | RS232C (in), RJ45 |
| Sound | Speaker | | 10W x 2 | 10W x 2 | 10W x 2 |
| | Safety | | 62368-1, 60950-1 | 62368-1, 60950-1 | 62368-1, 60950-1 |
| Certifications | EMC | | Class A | Class A | Class A |
| | Eye Protection | | TUV Low Blue Light | TUV Low Blue Light | TUV Low Blue Light |
| Service | Service | | Front | Front | Front |
| | Operating System | | Tizen 6.5 | Tizen 6.5 | Tizen 6.5 |
| Features | MagicINFO | | Yes | Yes | Yes |
| | Sensor | | Temperature, Eco Sensor | Temperature, Eco Sensor | Temperature, Eco Sensor |
| | Other | | AI Picture, LED HDR, HDR10/10+, Dynamic Peaking | AI Picture, LED HDR, HDR10/10+, Dynamic Peaking | AI Picture, LED HDR, HDR10/10+, Dynamic Peaking |
| | Other SW Features | | Workspace (Microsoft 365/VMWare/RDP), Auto Source Switching and Recovery, Dicom Simulation Mode, SmartView+ (PC) | Workspace (Microsoft 365/VMWare/RDP), Auto Source Switching and Recovery, Dicom Simulation Mode, SmartView+ (PC) | Workspace (Microsoft 365/VMWare/RDP), Auto Source Switching and Recovery, Dicom Simulation Mode, SmartView+ (PC) |
| Accessories | Accessories | | Décor Frame, Frame Kit, Buffer parts (18 Modules, 1 T-Con, 1 SMPS) | Décor Frame, Frame Kit, Buffer parts (18 Modules, 1 T-Con, 1 SMPS) | Décor Frame, Frame Kit, Buffer parts (18 Modules, 1 T-Con, 1 SMPS) |
| | Remote Control | | IR Remote Controller | IR Remote Controller | IR Remote Controller |
| Package | Box Dimension (inches, WxHxD) | | 78.7 x 85 x 39 in | 78.7 x 85.1 x 39 in | 112 x 62 x 15.6 in |
| | Box Dimension (mm, WxHxD) | | 2,000 x 2,162 x 1,000 mm | 2,000 x 2,162 x 1,000 mm | 2,847 x 1,582 x 398 mm |
| | Package Weight (per cabinet) | | 301 kg / 663.5 lbs | 301 kg / 663.5 lbs | 154 kg / 339.5 lbs |
| Special Installation | Other ⁸ | | Side by Side Installation with additional frame kit (up to 4 screens) | Side by Side Installation with additional frame kit (up to 4 screens) | Side by Side Installation with additional frame kit (up to 4 screens) |

Connectivity

- Service
- HDR Data Out
- HDR Data In
- IR
- Stereo Mini Jack
- RS232C In
- HDMI In 2 (eARC)
- HDMI In 1
- DP In
- LAN

IAB Series



Front



Back



Learn More samsung.com/display samsung.com/business insights.samsung.com

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SAMSUNG

Improve patient and donor relations in a big way, stat

Thank a new donor instantly. Put patients more at ease through soothing graphics. The Wall All-in-One from Samsung is the quick way of making a huge difference throughout your facility. Samsung's most advanced display, its sheer size and stunning images are impossible to ignore. And this stunning marvel of technology is designed for quick and easy installation. Everything needed is included, so your team can install it with minimum disruption to your facility's regular routine.



Healthcare Made Better

Create a calmer atmosphere

Nature scenes and other soothing graphics can help reduce anxiety in waiting rooms. Doctor and nurse bios can also help patients feel more comfortable about who will be caring for them.

Inspire confidence and hope

Sharing patient stories and outcomes in sensitive ways can encourage both patients and their families.

Thank supporters

Donors can be recognized with profile pictures and thank-yous from staff and patients. Potential donors can see the impact their support can make.



Stunning Picture Quality

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Purer black levels with enhanced depth deliver unparalleled contrast and detail.

Vivid, vibrant color purity

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The Wall All-In-One IAB Series Displays



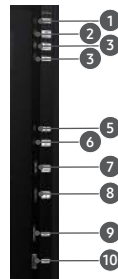
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| Optical Parameters | Weight (per screen) | | 370.4 lbs. / 168 kg | 370.4 lbs. / 168 kg | 218 lbs / 99 kg |
| | Brightness (Peak/Max) ⁵ | | 1,600 nit / 500 nit | 1,400 nit / 500 nit | 1,600 nit / 500 nit |
| | Contrast Ratio ⁶ | | 24,000:1 | 22,000:1 | 24,000:1 |
| | HDR Compatibility | | LED HDR / HDR10+ support / AI Picture | LED HDR / HDR10+ support / AI Picture | LED HDR / HDR10+ support / AI Picture |
| | Viewing Angle (Horizontal / Vertical) | | 170° / 155° | 170° / 155° | 170° / 155° |
| | Bit Depth | | 16 bit (Internal processing 20bit) | 16 bit (Internal processing 20bit) | 16 bit (Internal processing 20bit) |
| | Color Temperature (Default) | | 6,500K ± 500K (Floating bin) | 6,500K ± 500K (Floating bin) | 6,500K ± 500K (Floating bin) |
| Electrical Parameters | Color Temperature (Adjustable) | | 2,800K - 10,000K | 2,800K - 10,000K | 2,800K - 10,000K |
| | Video Rate | | 50/60 Hz/100/120 (FRC) Hz | 50/60 Hz/100/120 (FRC) Hz | 50/60 Hz/100/120 (FRC) Hz |
| | Input Power Range | | 100-240 VAC, 50/60 Hz | 100-240 VAC, 50/60 Hz | 100-240 VAC, 50/60 Hz |
| | Power Consumption (Max. / Typ.) | | 1700W/Screen / 1100W/Screen | 1240W/Screen / 860W/Screen | 900 (W/Screen) / 650 (W/Screen) |
| | Heat Generation (Max. / Typ.) | | 5800 BTU/Screen / 3753 BTU/Screen | 4231 BTU/Screen / 2934 BTU/Screen | 3071 (BTU/Screen) / 2218 (BTU/Screen) |
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| | Power Redundancy | | No | No | No |
| Operational Parameters | Working Temperature / Humidity | | 32°-104°F / 10%-80%RH | 32°-104°F / 10%-80%RH | 32°-104°F / 10%-80%RH |
| | Storage Temperature / Humidity | | -4°-113°F / 5%-95%RH | -4°-113°F / 5%-95%RH | -4°-113°F / 5%-95%RH |
| | IP Rating | | IP20 | IP20 | IP20 |
| | LED Lifetime | | 150,000 hours | 150,000 hours | 150,000 hours |
| Connectivity | Controller | | Built-in | Built-in | Built-in |
| | Input (Video) | | DP1.2 (1), HDMI 2.0 (3), USB 2.0 (2) | DP1.2 (1), HDMI 1.4 (3), USB 2.0 (2) | DP1.2 (1), HDMI 1.4 (3), USB 2.0 (2) |
| | Output | | Audio (Stereo Mini Jack) / eARC | Audio (Stereo Mini Jack) / eARC | Audio (Stereo Mini Jack) / eARC |
| | Wi-Fi / Bluetooth | | Yes / Yes | Yes / Yes | Yes / Yes |
| | External Control | | RS232C (in), RJ45 | RS232C (in), RJ45 | RS232C (in), RJ45 |
| Sound | Speaker | | 10W x 2 | 10W x 2 | 10W x 2 |
| Certifications | Safety | | 62368-1, 60950-1 | 62368-1, 60950-1 | 62368-1, 60950-1 |
| | EMC | | Class A | Class A | Class A |
| | Eye Protection | | TUV Low Blue Light | TUV Low Blue Light | TUV Low Blue Light |
| Service | Service | | Front | Front | Front |
| Features | Operating System | | Tizen 6.5 | Tizen 6.5 | Tizen 6.5 |
| | MagicINFO | | Yes | Yes | Yes |
| | Sensor | | Temperature, Eco Sensor | Temperature, Eco Sensor | Temperature, Eco Sensor |
| | Other | | AI Picture, LED HDR, HDR10/10+, Dynamic Peaking | AI Picture, LED HDR, HDR10/10+, Dynamic Peaking | AI Picture, LED HDR, HDR10/10+, Dynamic Peaking |
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| | Remote Control | | IR Remote Controller | IR Remote Controller | IR Remote Controller |
| Package | Box Dimension (inches, WxHxD) | | 78.7" x 85.1" x 39.4" | 78.7" x 85.1" x 39.4" | 112" x 62" x 15.6" |
| | Box Dimension (mm, WxHxD) | | 2,000 x 2,162 x 1,000mm | 2,000 x 2,162 x 1,000mm | 2,847 x 1,582 x 398 mm |
| | Package Weight (per cabinet) | | 663.6 lbs. / 301 kg | 663.6 lbs. / 301 kg | 339.5 lbs / 154 kg |
| Special Installation | Other ⁸ | | Side by Side Installation with additional frame kit (up to 4 screens) | Side by Side Installation with additional frame kit (up to 4 screens) | Side by Side Installation with additional frame kit (up to 4 screens) |

Connectivity

- Service
- HDR Data Out
- HDR Data In
- IR
- Stereo Mini Jack
- RS232C In
- HDMI In 2 (eARC)
- HDMI In 1
- DP In
- LAN

IAB Series



Front



Back



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SAMSUNG

Quickly add a huge reason to stay longer

Big games become even bigger. Food looks more delicious. Specials are more enticing. And you'll become the next big thing once your customers experience The Wall All-In-One. Samsung's most advanced display, its sheer size and stunning images are impossible to ignore. And this stunning marvel of technology is designed for quick and easy installation. Everything is included. Just open, install, and you can be wowing customers by lunchtime.



Attract More Customers

Become a bigger destination

Games become larger-than-life experiences. And with a huge, sharp and detailed screen that can't be rivaled by home TVs, your restaurant will become the go-to destination.

Promote bigger specials

Promote menu items in a big way. Rich color and subtle detail will make your food and drinks look even more appetizing than ever.

Welcome your customers back often

Let people know about other events like Trivia Tuesdays, Thirsty Thursdays, College Jersey Saturdays and more.



Stunning Picture Quality

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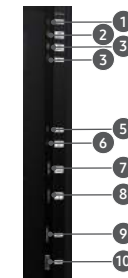
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| | Contrast Ratio ⁶ | | 24,000:1 | 22,000:1 | 24,000:1 |
| | HDR Compatibility | | LED HDR / HDR10+ support / AI Picture | LED HDR / HDR10+ support / AI Picture | LED HDR / HDR10+ support / AI Picture |
| | Viewing Angle (Horizontal / Vertical) | | 170° / 155° | 170° / 155° | 170° / 155° |
| | Bit Depth | | 16 bit (Internal processing 20bit) | 16 bit (Internal processing 20bit) | 16 bit (Internal processing 20bit) |
| | Color Temperature (Default) | | 6,500K ± 500K (Floating bin) | 6,500K ± 500K (Floating bin) | 6,500K ± 500K (Floating bin) |
| Electrical Parameters | Color Temperature (Adjustable) | | 2,800K - 10,000K | 2,800K - 10,000K | 2,800K - 10,000K |
| | Video Rate | | 50/60 Hz/100/120 (FRC) Hz | 50/60 Hz/100/120 (FRC) Hz | 50/60 Hz/100/120 (FRC) Hz |
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| | Storage Temperature / Humidity | | -4°-113°F / 5%-95%RH | -4°-113°F / 5%-95%RH | -4°-113°F / 5%-95%RH |
| | IP Rating | | IP20 | IP20 | IP20 |
| | LED Lifetime | | 150,000 hours | 150,000 hours | 150,000 hours |
| | Controller | | Built-in | Built-in | Built-in |
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| | Wi-Fi / Bluetooth | | Yes / Yes | Yes / Yes | Yes / Yes |
| | External Control | | RS232C (in), RJ45 | RS232C (in), RJ45 | RS232C (in), RJ45 |
| Sound | Speaker | | 10W x 2 | 10W x 2 | 10W x 2 |
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| | Other | | AI Picture, LED HDR, HDR10/10+, Dynamic Peaking | AI Picture, LED HDR, HDR10/10+, Dynamic Peaking | AI Picture, LED HDR, HDR10/10+, Dynamic Peaking |
| | Other SW Features | | Workspace (Microsoft 365/VMWare/RDP), Auto Source Switching and Recovery, Dicom Simulation Mode, SmartView+ (PC) | Workspace (Microsoft 365/VMWare/RDP), Auto Source Switching and Recovery, Dicom Simulation Mode, SmartView+ (PC) | Workspace (Microsoft 365/VMWare/RDP), Auto Source Switching and Recovery, Dicom Simulation Mode, SmartView+ (PC) |
| | Accessories | | Décor Frame, Frame Kit, Buffer parts (18 Modules, 1 T-Con, 1 SMPS) | Décor Frame, Frame Kit, Buffer parts (18 Modules, 1 T-Con, 1 SMPS) | Décor Frame, Frame Kit, Buffer parts (18 Modules, 1 T-Con, 1 SMPS) |
| Package | Remote Control | | IR Remote Controller | IR Remote Controller | IR Remote Controller |
| | Box Dimension (inches, WxHxD) | | 78.7" x 85.1" x 39.4" | 78.7" x 85.1" x 39.4" | 112" x 62" x 15.6" |
| | Box Dimension (mm, WxHxD) | | 2,000 x 2,162 x 1,000mm | 2,000 x 2,162 x 1,000mm | 2,847 x 1,582 x 398 mm |
| Special Installation | Package Weight (per cabinet) | | 663.6 lbs. / 301 kg | 663.6 lbs. / 301 kg | 339.5 lbs / 154 kg |
| | Other ⁸ | | Side by Side Installation with additional frame kit (up to 4 screens) | Side by Side Installation with additional frame kit (up to 4 screens) | Side by Side Installation with additional frame kit (up to 4 screens) |

Connectivity

- Service
- HDR Data Out
- HDR Data In
- IR
- Stereo Mini Jack
- RS232C In
- HDMI In 2 (eARC)
- HDMI In 1
- DP In
- LAN

IAB Series



Front



Back



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¹Upscaling resolution may vary based on the resolution support of individual models. ²The Wall All-In-One 110-inch model requires three preset modules. The 146-inch model requires four preset modules. ³Install time estimate based on internal testing. ⁴Google Duo compatibility and Logitech plug-and-play available Q4. ⁵Peak value according to IDMS (Information Display Measurement Standard). ⁶Measured under 10 lux light test condition. Contrast in darkroom exceeds 1000000:1. ⁷Referring to visual refresh rate. ⁸Optional structure required.