SAMSUNG

Professional Cinema for Home

IMMERSIVE HOME VIEWING

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THE EVOLUTION
TO REVOLUTION

In-home viewing continues to evolve over time to fulfill an ever-changing desire for new, sophisticated entertainment experiences at home.

EVOLUTION

Black & White
It started with the black and white television, advancing to color in the 1960s.

Conventional
The 16:9 format became the standard, continuously developing in quality and design.

Lifestyle
Recently, unique forms of display began to make an appearance for subtler lifestyle integration.

REVOLUTION   Behold a revolutionary viewing experience unlike any other. Samsung Display Solutions redefine the future of in-home entertainment with the latest cutting-edge technology, creating an unequalled immersive viewing experience.

PROFESSIONAL CINEMA FOR HOME

Immersive Home Viewing

Be captivated from the comfort of your own home. Groundbreaking visual technology that seamlessly connects your residence. Samsung display solutions create immersive home viewing.

Visual Inspiration

Inspired by Samsung's most innovative visual technology, see details like never before with total clarity and pure colors.

Fit to any space

From private rooms to large communal spaces, choose from diverse resolution, size and technology options ideal for any home.

Upgraded AV solution

Elevate and simplify your home solution with the industry-leading audio and home automation system that seamlessly integrates with Samsung display solutions.

Living room

The essential backdrop for connection and memorable moments. The Wall is a one-of-a-kind, life-size visual experience.

Gathering space

Build community with family and loved ones. Showcase the character of your dwelling with LED for home to showcase life-like visuals.

Private home theater

A full-scale cinematic experience without compromise. With 3D capability, visual brilliance and captivating sound. Bring the wonder of luxury cinema into your home.

Private room

Be among the first to experience spectacular QLED 8K. With a refined picture, see perfect reality even in close proximity.

THE COLLECTION

O N Y X

Out of this world

Leading the way in the Cinema LED revolution, Samsung Onyx is a ground-breaking display, offering redefined black color presentation, perfectly tuned audio and unparalleled 3D capabilities, introducing a new era of cinematic experiences.

Conventional Projector   Samsung Onyx

Near-infinite contrast ratio

Display true blacks and pristine whites, while maintaining visual integrity in darkroom settings. A superior visual experience over the gray hues commonly offered by legacy theater technologies.

HDR picture quality

Infused with the benefits of High Dynamic Range (HDR) technology and 500 nits peak brightness, this is a theater screen with exceptionally brilliant visual quality.

Redefined black

LED technology delivers true blacks and is unaffected by ambient light.

Extreme 3D reality

Unparalleled 3D picture quality, with easier-to-read subtitles and detail-rich visuals.*

Perfectly tuned audio

Harman's JBL surround sound speakers, specially tuned for the Onyx LED screen, complete the engrossing cinematic experience.

*3D glasses must be purchased separately.

THE WALL

See the Greatness.

Pioneering a new name in display technology with a harmonious medley of extreme blacks and rich colors, The Wall is a next-generation display redefining what it means to deliver a one-of-a-kind visual experience.

Conventional   The Wall

Black Seal Technology

Black is the essence of detail. A unique ultralow reflection black seal technology comes together with an inherently black base to render intense expressions of black for the ultimate contrast.

Ultra Chroma Technology

Colors make up reality. Ultra chroma technology with superior color purity produce vibrant and natural colors for eye-catching, true-to-life imagery.

Quantum Processor Flex

The Wall's AI upscaling technology upscales content to the optimal resolution for the screen size though machine learning.

Quantum HDR Technology

Advanced HDR technologies-LED HDR, HDR10 + support - render optimum brightness and contrast in every single scene.

Ambient Mode

Turn the screen into an accent piece that enhances the interior of any home, matching personal taste.

Infinity Design

The Wall seamlessly blends into its surroundings with a slim, bezel-less design and customizable décor frame.

LED FOR HOME (IF SERIES)
Picture Inspiration.

Packed with advanced technologies for enhanced image clarity and performance, the IF Series is a sophisticated display that will bring brilliant, life-like viewing into your home.

Conventional

IF Series

Highly Bright
A true performer shines bright.
An enhanced peak brightness optimized with HDR refinement, ensures the display captures attention without sacrificing the fine details.

In Any Light
The best view is a consistent view.
The highly bright IF Series generates crisp, clear viewing without fading or distortion in any ambient light, whether it's night or day, dark or bright.
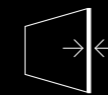
Slim Design
A sleek, slim form factor with a dedicated mounting kit allows for an easy and seamless integration into the environment.

Lasting Performance
A lifespan of 100,000 hours with robust durability gives you lasting peace of mind.

Easy Maintenance
Flexible front and rear access to critical components allows for quick, convenient maintenance.

QLED 8K
Perfect reality
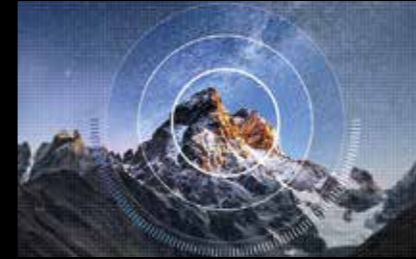
With superior 8K resolution enhanced by cutting-edge AI upscaling technology, QLED 8K is an exceptionally immersive display. A truly remarkable visual experience, QLED 8K delivers memorable, vivid imagery and details like never seen before.

True 8K resolution

With more than 33 million pixels, QLED 8K Signage provides exceptional depth and detail, resulting in spectacularly immersive viewing experience

8K AI upscaling

Using Quantum Processor 8K and AI-powered machine learning to compare data from millions of images, QLED 8K Signage transforms lower quality image contents up to 8K.

QLED technology

Offering 100% color volume, based on over a billion colors, QLED 8K technology ensures rich and vibrant images in any environment.

Quantum HDR

Using scene by scene optimization, Quantum HDR unveils the desired intention of all content, bringing every detail to life.

Minimal design

QLED 8K's slim, simple bezel design allows the display to be mounted flush to the wall, aesthetically enhancing any space.
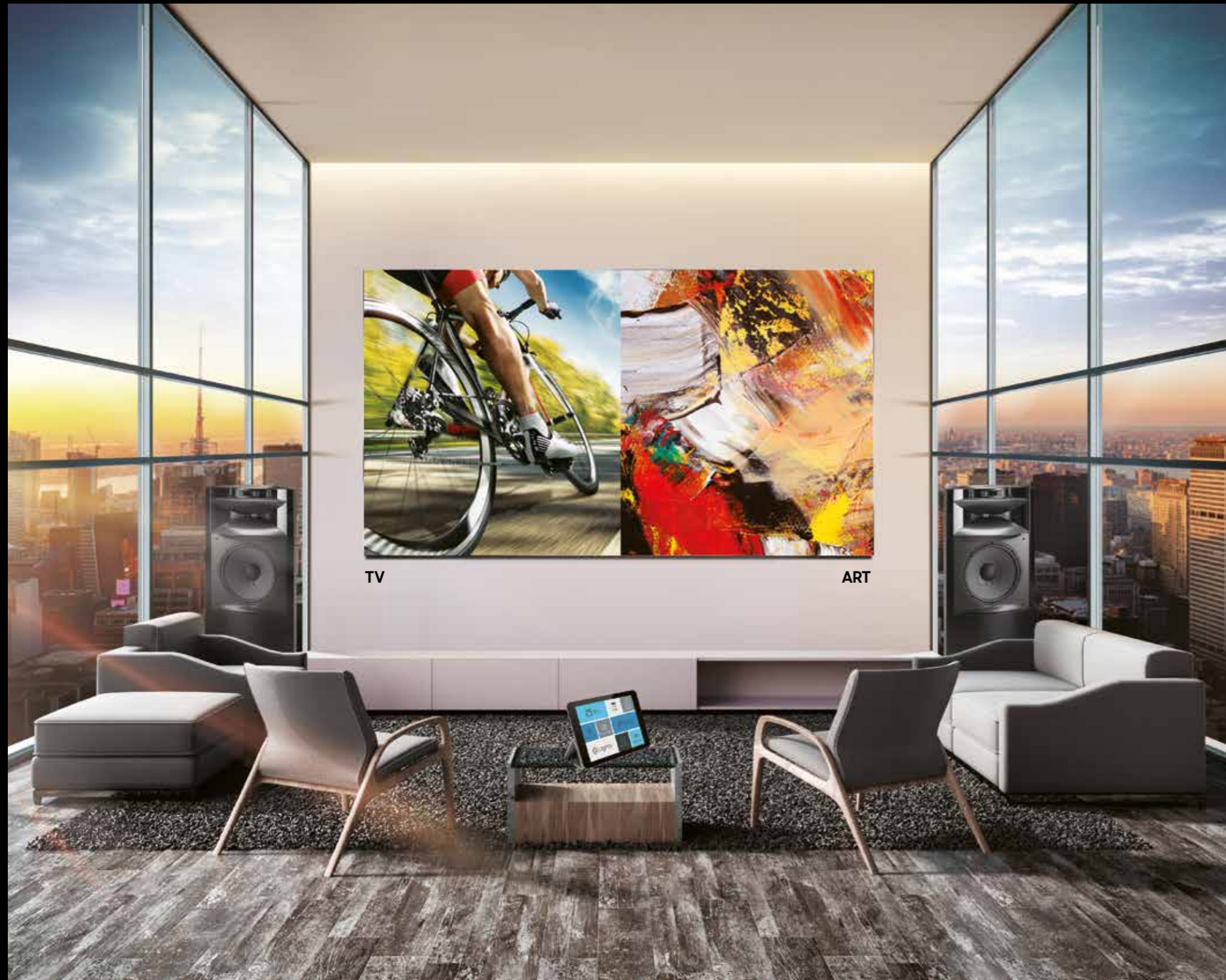
Simple Installation

Display 8K content with one HDMI port and one near-invisible connection for every cable, creating an immaculate space.

THE ECOSYSTEM

| SOUND
| AUTOMATION
| CONTENT

TV ART

THE ECOSYSTEM

Designed for a seamless full-scale experience, Samsung display solutions harmoniously synchronize with all the elements of the room.
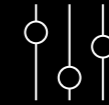
Sound
Refined visuals synchronized flawlessly with an exquisite audio system complete the ultimate entertainment experience.

Automation
Convenient integration with home automation systems allows effortless in-room control at your fingertips.

Content
Going beyond traditional viewing, the ability to showcase a variety of media fosters a beautiful backdrop for any room.

System partners

JBL SYNTHESIS by HARMAN

STEINWAY LYNGDORF

CRESTRON

THE DETAILS

SAMSUNG PROFESSIONAL CINEMA LINEUP

	ONYX	THE WALL	LED FOR HOME (IF SERIES)	QLED 8K
	Full-scale 3D-enabled LED cinema	One-of-a-kind, life-size visual experience	Advanced, customizable LED technology	True-to-life 8K picture quality
Technology	LED	LED	LED	QLED
Resolution	2K (2,048 × 1,080)	4K (3,840 x 2,160) 6K (5,760 x 3,240) 8K (7,680 x 4,320)	2K (1,920 x 1,080) 4K (3,840 x 2,160)	8K (7,680 x 4,320)
Size	228"	4K : 146" / 6K : 219" / 8K : 292"	2K : 109" (IF012J) / 130" (IF015H) 4K : 219" (IF012J) / 260"(IF015H)	82" / 98"

SIZES

| ONYX

228″

2K

| LED FOR HOME (IF SERIES)

(IF015H) 260″

(IF012J) 219″

(IF015H) 130″

(IF012J) 109″

2K   2K   4K   4K

| THE WALL

292″

219″

146″

4K   6K   8K

| QLED 8K

98″

82″

1.8m
(5.9ft)
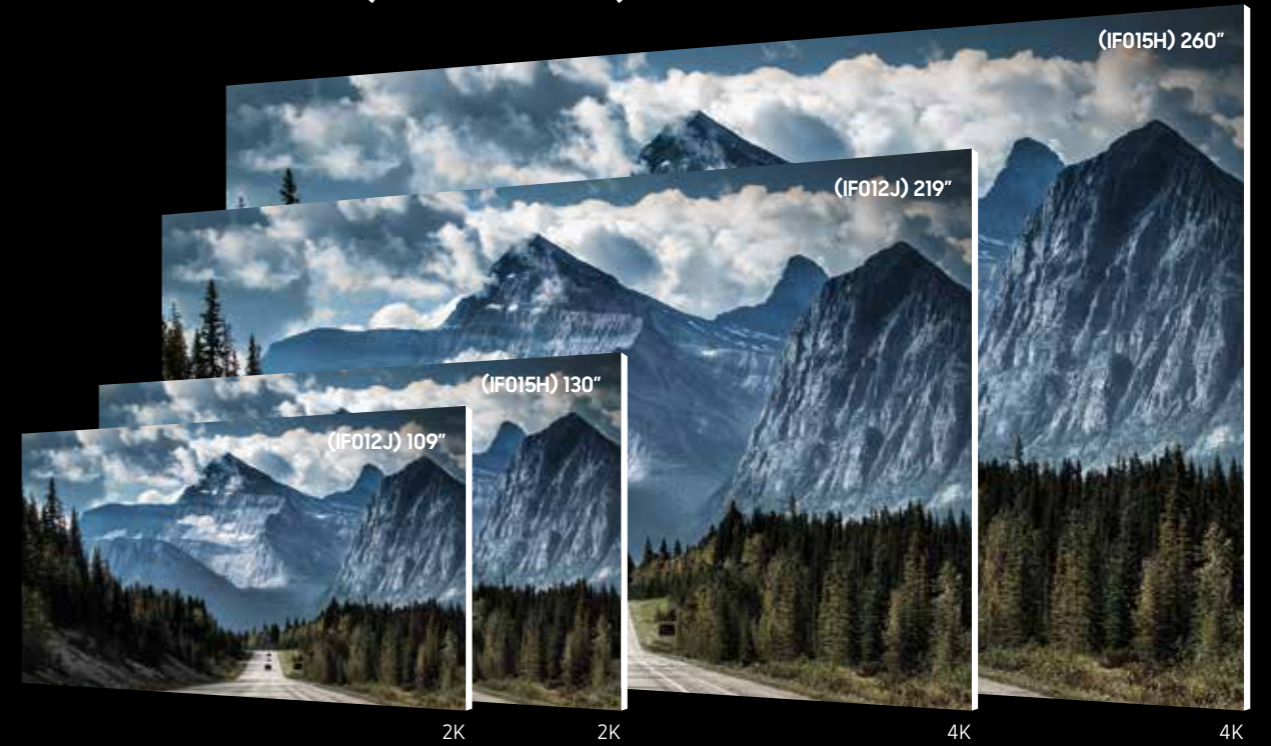
8K   8K

SPECIFICATIONS

ONYX

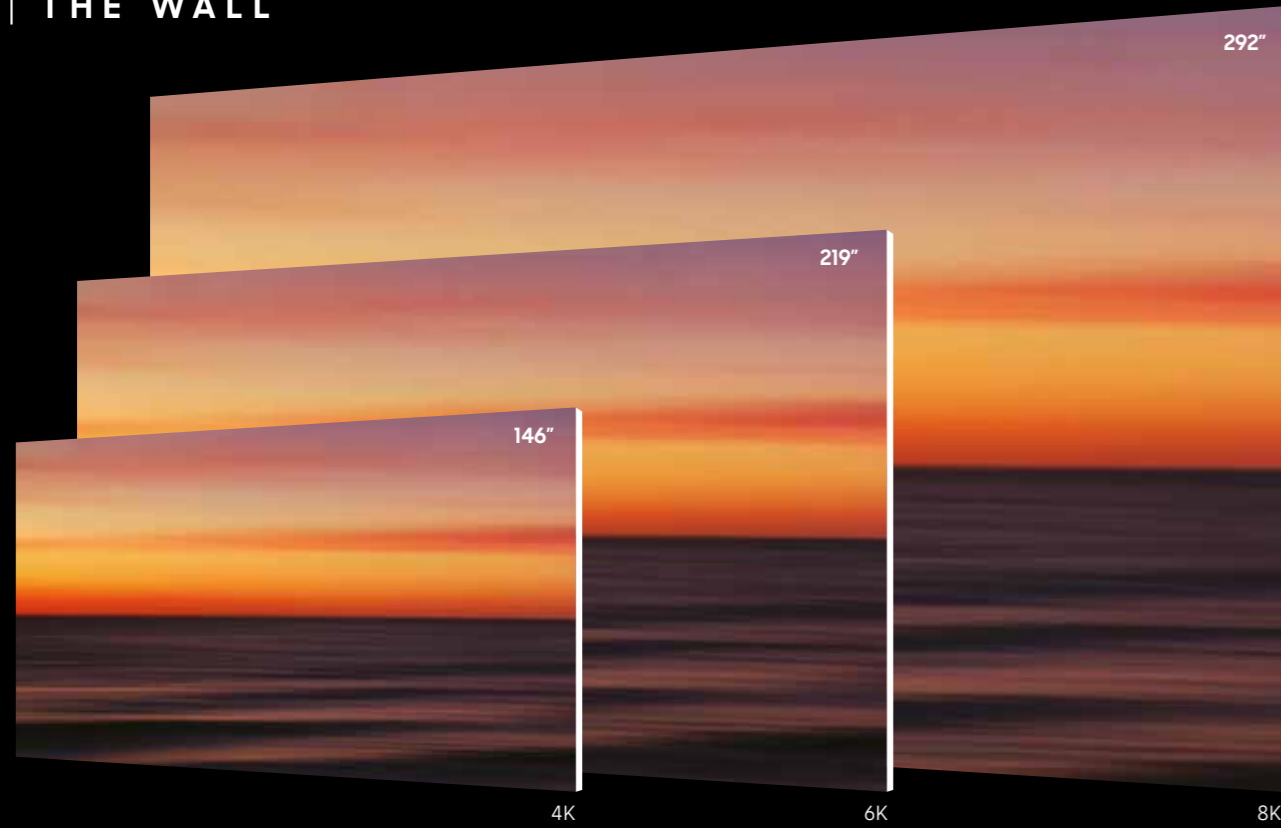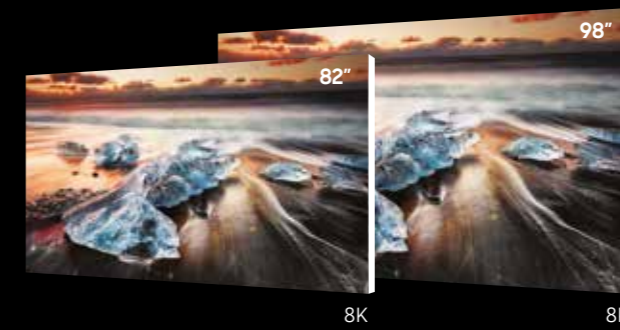| Model Name		IC925H	
Screen Size	Per Cabinet	227.8"	Remarks
Physical Parameters Pixel Pitch	2.5 mm	2.5 mm	
No. of Cabinets	-	24 (8 x 3)	
Dimensions (W x H x D) (mm)	640 x 900 x 78	5,120 x 2,700 x 78	118.9mm depth with cabinet handle
Weight (kg)	14.2	356.7	
Optical Parameters Resolution	256 x 360	2048 x 1080	
Aspect Ratio	0.71:1	Cinema Scope (2.39:1) / Flat (1.85:1)	16:9 support for standard content
Brightness (Typ / Max)	48nit / 500nit	48nit / 500nit	Supports 48nit movie standard, 300nit for alternative content, and 500nit for HDR movie
Contrast Ratio (in Darkroom)	∞ : 1	∞ : 1	
Bit Depth	18bit	18bit	
Video Rate	2D : 24, 25, 30, 48, 50, 60 Hz 3D : 24 Hz	2D : 24, 25, 30, 48, 50, 60 Hz 3D : 24 Hz	
Refresh Rate	3,840Hz	3,840Hz	
Electrical Parameters Power Consumption (Typ/Max)	63.7 W / 190 W	1.52 kW / 4.56 kW	Max: Full white at 500nit Typical : APL 33.5%
Certification	DCI, CE/UL, EMC Class A, Safety 60950-1	DCI, CE/UL, EMC Class A, Safety 60950-1	

THE WALL

Model Name		IW008R			
Screen Size	Per Cabinet	146"	219"	292"	Remarks
Physical Parameters Pixel Pitch	0.84 mm	0.84 mm	0.84 mm	0.84 mm	
No. of Cabinets	-	16 (4 x 4)	36 (6 x 6)	64 (8 x 8)	
Dimensions (W x H x D) (mm)	806.4 x 453.6 x 29.9	3,225.6 X 1,814.4 x 29.9	4,838.4 X 2,721.6 X 29.9	6.451.2 X 3,628.8 X 29.9	
Weight (kg)	11.5	184	414	736	
Optical Parameters Resolution	960 x 540	3,840 x 2,160	5,760 x 3,240	7,680 x 4,320	
Aspect Ratio	16:9	16:9	16:9	16:9	
Brightness (Typ / Max)	TBD nit / 2,000 nit	TBD nit / 2,000 nit	TBD nit / 2,000 nit	TBD nit / 2,000 nit	
Contrast Ratio	10,000:1	10,000:1	10,000:1	10,000:1	∞ : 1 in Darkroom
Bit Depth	18bit	18 bit	18 bit	18 bit	
Video Rate	100/120Hz	100/120Hz	100/120Hz	100/120Hz	
Refresh Rate	-	-	-	-	
Electrical Parameters Power Consumption (Typ/Max)	170 W / 200 W	2.72 kW / 3.2 kW	6.12 kW / 7.2 kW	10.88 kW / 12.8 kW	
Certification	EMI Class B, Safety 60950-1	EMI Class B, Safety 60950-1	EMI Class B, Safety 60950-1	EMI Class B, Safety 60950-1	

*Specifications are subject to change.

SPECIFICATIONS

LED FOR HOME

Model Name		IF012J				IF015H			
Screen Size		Per Cabinet	109"	219"		Per Cabinet	130"	260"	Remarks
Physical Parameters	Pixel Pitch	1.26 mm	1.26 mm	1.26 mm		1.5 mm	1.5 mm	1.5 mm	
	No. of Cabinets	-	9 (3 x 3)	36 (6 x 6)		-	18 (6 x 3)	72 (12 x 6)	
	Dimensions (W x H x D) (mm)	806.4 x 453.6 x 76.7	2419.2 X 1360.8 X 76.7	4838.4 X 2721.6 X 76.7		480 x 540 x 65	2880 X 1620 X 65	5760 X 3240 X 65	
	Weight (kg)	11.8	106.2	424.8		5.8	104.4	417.6	
Optical Parameters	Resolution	640 x 360	1,920 x 1,080	3,840 x 2,160		320 x 360	1,920 x 1,080	3,840 x 2,160	
	Aspect Ratio	16:9	16:9	16:9		8:9	16:9	16:9	
	Brightness (Max/Peak)	600 nit / 1,200 nit	600 nit / 1,200 nit	600 nit / 1,200 nit		800 nit / 1,600 nit	800 nit / 1,600 nit	800 nit / 1,600 nit	Peak Value according to IDMS (Information Display Measurement Standard)
	Contrast Ratio (Max/Peak)	4,000:1 / 8,000:1	4,000:1 / 8,000:1	4,000:1 / 8,000:1		5,000:1 / 10,000:1	5,000:1 / 10,000:1	5,000:1 / 10,000:1	Peak Value according to IDMS (Information Display Measurement Standard)
	Bit Depth	16 bit	16 bit	16 bit		16 bit	16 bit	16 bit	
	Video Rate	50/60 Hz	50/60 Hz	50/60 Hz		50/60 Hz	50/60 Hz	50/60 Hz	
	Refresh Rate	3,840 Hz	3,840Hz	3,840 Hz		1,920Hz / 3,840 Hz Selectable	1,920Hz / 3,840 Hz Selectable	1,920Hz / 3,840 Hz Selectable	
Electrical Parameters	Power Consumption (Typ/Max)	87 W / 260 W	783 W / 2.34 kW	3.13 kW / 9.36 kW		68 W / 200 W	1.22 kW / 3.6 kW	4.89 kW / 14.4 kW	
Certification		EMI Class B, Safety 60950-1	EMI Class B, Safety 60950-1	EMI Class B, Safety 60950-1		EMI Class A, Safety 60950-1	EMI Class A, Safety 60950-1	EMI Class A, Safety 60950-1	

SPECIFICATIONS

QLED 8K

Model Name		QPR-8K	QPR-8K
Screen Size		82"	98"
Physical Parameters	Dimensions (W x H x D) (mm)	1835.0 x 1055.6 x 34.8 (w/o stand)	2183.5 x 1249.4 x 39.9 (w/o stand)
	Weight (kg)	48.8 (w/o stand)	84.9 (w/o stand)
Optical Parameters	Resolution	7,680 x 4,320	7,680 x 4,320
	Aspect Ratio	16:9	16:9
	Brightness (Typ / Max)	500nit / 4,000nit	500nit / 4,000nit
	Static Contrast Ratio	3,500:1	3,500:1
	Dynamic Contrast Ratio	Mega	Mega
	Response Time	6ms	6ms
Electrical Parameters	Power Consumption (Typ/Max)	TBD	TBD
Certification		Safety 60065	Safety 60065

*Specifications are subject to change.