

Specifications

	Model Name	IF040H-DL	IF060H-DL	IF085H-DL
Physical Parameter	Pixel Pitch	4.0 mm	6.0 mm	8.5 mm
	Pixel Configuration	1 red, 1 green, 1 blue	1 red, 1 green, 1 blue	1 red, 1 green, 1 blue
	Configuration (LxH, per cabinet)	120 x 180 pixels	80 x 120 pixels	56 x 84 pixels
	Diode Type	Surface Mount Device (SMD)	Surface Mount Device (SMD)	Surface Mount Device (SMD)
	Dimensions (mm, LxHxD, per cabinet)	480 x 720 x 65mm	480 x 720 x 65mm	480 x 720 x 65mm
	Dimensions (inch, inchxD, per cabinet)	34 x 2.56 in	34 x 2.56 in	34 x 2.56 in
	Weight (per cabinet)	7.4 kg	7.4 kg	7.4 kg
Optical Parameter	Brightness (Peak/Max) ⁽¹⁾	3,200 nit / 2,000 nit	3,400 nit / 2,000 nit	3,400 nit / 2,000 nit
	Contrast Ratio (Peak/Max) ⁽¹⁾	8,000:1 / 5,000:1	8,500:1 / 5,000:1	8,500:1 / 5,000:1
	Viewing Angle - Horizontal	160°	160°	160°
	Viewing Angle - Vertical	160°	160°	160°
	Bit Depth	16 bit per Color	16 bit per Color	16 bit per Color
	Color Temperature - Default	6,500K	6,500K	6,500K
	Color Temperature - Adjustable	2,800 - 10,000K (use S/BOX)	2,800 - 10,000K (use S/BOX)	2,800 - 10,000K (use S/BOX)
Electrical Parameter	Video Rate	50/60 Hz	50/60 Hz	50/60 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	580 (W/m ²) / 200 (W/Cabinet)	580(W/m ²) / 200 (W/Cabinet)	580 (W/m ²) / 200 (W/Cabinet)
	Power Consumption - Typ	193 (W/m ²) / 67 (W/Cabinet)	193 (W/m ²) / 67 (W/Cabinet)	193 (W/m ²) / 67 (W/Cabinet)
	Heat generation - Max(BTU/SF)	184 BTU/SF per hour	184 BTU/SF per hour	184 BTU/SF per hour
	Refresh Rate	1,920Hz, 3,840Hz Selectable	1,920Hz, 3,840Hz Selectable	1,920Hz, 3,840Hz Selectable
Operation Conditions	Working Temperature/Humidity	0°C-40°C / 10-80%RH	0°C-40°C / 10-80%RH	0°C-40°C / 10-80%RH
	Storage Temperature/Humidity	-20°C-45°C / 5-95%RH	-20°C-45°C / 5-95%RH	-20°C-45°C / 5-95%RH
	IP Rating	IP20	IP20	IP20
	LED Lifetime	100,000 hours	100,000 hours	100,000 hours
Certification	Certification	EMC Class A, Safety 60950-1	EMC Class A, Safety 60950-1	EMC Class A, Safety 60950-1
Service	Service	Front ⁽²⁾ and Parts Rear ⁽³⁾	Front ⁽²⁾ and Parts Rear ⁽³⁾	Front ⁽²⁾ and Parts Rear ⁽³⁾
Package	Box Dimension (L x H x D)	606 x 847 x 179 mm	606 x 847 x 179 mm	606 x 847 x 179 mm
	Box Volume (m ³)	0.092	0.092	0.092
	Package Weight (per cabinet)	10.4 kg	10.4 kg	10.4 kg
Curve Installation	Concave	6000R	6000R	6000R
	Convex	6000R	6000R	6000R

⁽¹⁾ Peak Value according to IDMS (Information Display Measurement Standard)
⁽²⁾ Front Service : Front Service to Power Supply and Main Board on a cabinet level
⁽³⁾ Parts Rear Service : Power Supply and Main Board can be accessed from the rear

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SMART LED SIGNAGE

For more information about Samsung SMART Signage IFH-DL Series Displays, visit www.samsung.com/business or www.samsung.com/displaysolutions

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Samsung SMART LED Signage IFH-DL Series

Deliver clear and compelling messaging with excellent visibility

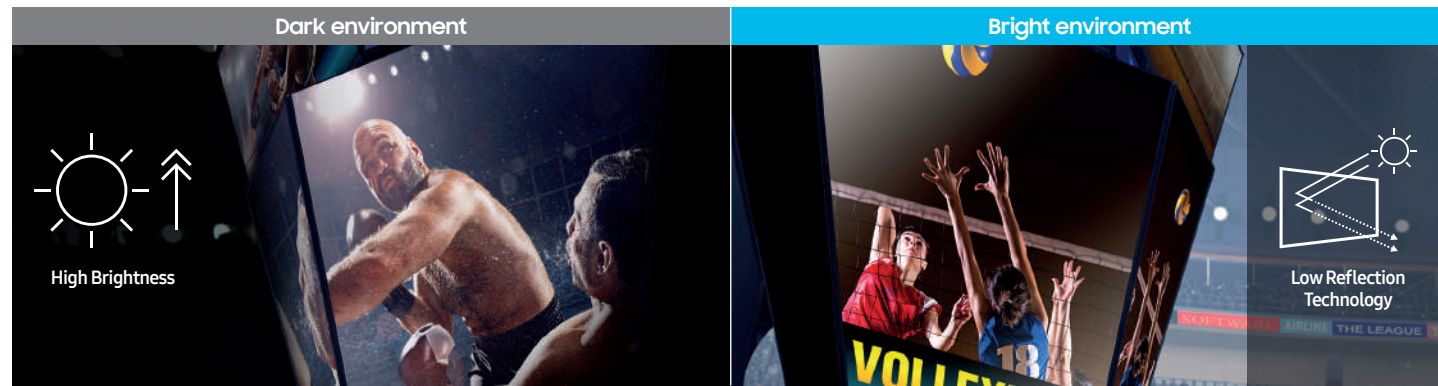
Capturing audience attention in crowded indoor environments subject to extreme levels of noise and distraction, such as sports stadiums, can be extremely challenging. Samsung's IFH-DL Series displays mitigate these challenges through a brilliant, reinforced design delivering crystal clear, uninterrupted content regardless of ambient lighting and noise. An all-encompassing signage solution, businesses can utilize these displays center-stage to enhance audience engagement without incurring substantial costs.

Highlights

- High brightness for continuous visibility in all ambient lighting
- LED HDR technology for clear, accurate and optimally bright picture presentation
- Factory and on-site calibration for fine-tune, uniform imagery
- Tested resistance to environmental noise and vibration
- Convenient content creation and deployment with MagicINFO

SAMSUNG

Key features



Stand out visibility

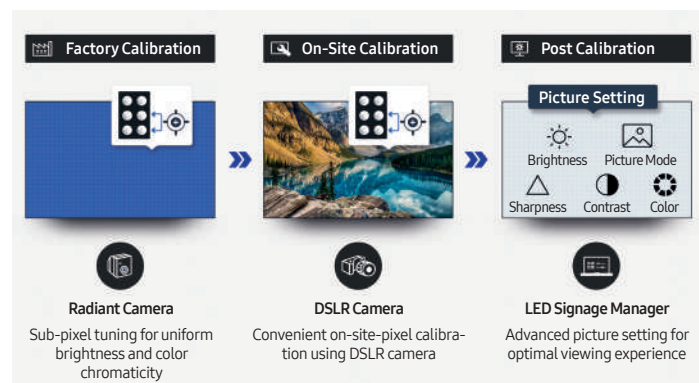
The IFH-DL Series maintains optimal visibility in bright and dark environments alike. High brightness of up to 3400 nits* and a low reflection technology prevent interference from surrounding lights to allow for brilliant presentation in settings with constantly changing lighting conditions.

*Brightness varies by model



Clearly refined visuals

LED HDR leverages advanced refinement technologies for true-to-life picture presentation. Dynamic peaking and inverse tone mapping enhance content to optimum peak brightness levels with improved contrast and without shine, and in-depth color mapping ensures an accurate expression of colors.



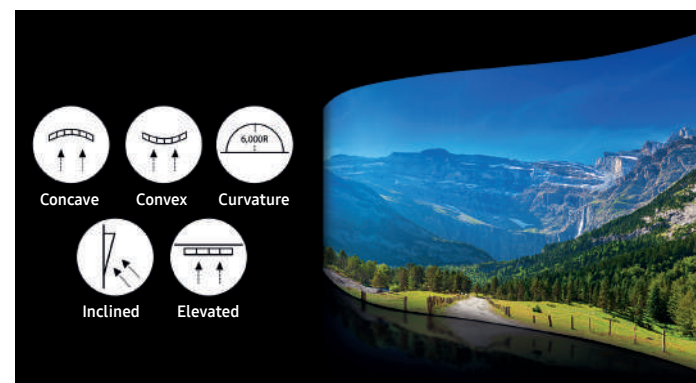
Fine-tune uniformity

Rigorous factory calibration and real-time DSLR camera sub-pixel calibration fine-tune all sub-pixels for uniform brightness and color chromaticity. When coupled with the Samsung LED Signage Manager's advanced picture settings, this enhanced treatment produces an excellent presentation.



"Mask" visual inconsistencies

Dynamic lighting can expose higher pixel-pitch LED displays' lead framework. IFH-DL Series eliminate this visual inconsistency by applying an external black mask across the LED module. This mask closes the gaps responsible for the ensuing glittering effect, and reinforces uniform contrast.



Expand composition possibilities

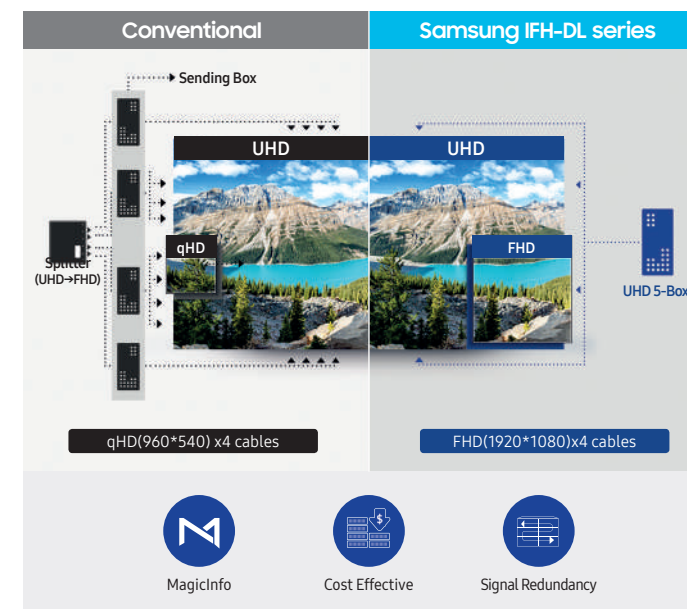
The IFH-DL Series' advanced design includes eye-catching convex and concave curved configurations (up to 6,000R). Businesses can also align their IFH-DL Series displays on an incline or adhere them to a ceiling, opening new engagement possibilities regardless of environmental constraints.

Key features



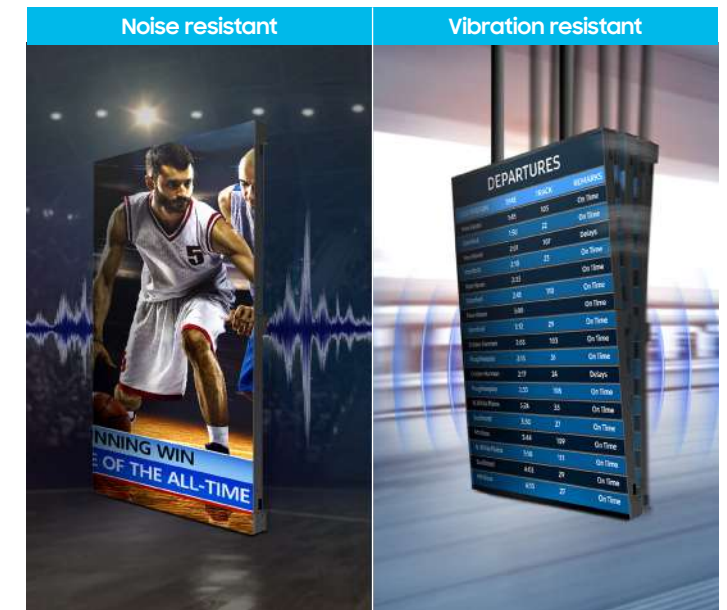
Hassle-free installation and maintenance

The IFH-DL Series displays offer front access to critical signage components, for clean installation free of catwalk space and ensuring closer adherence to neighboring surfaces. Similarly, the displays foster fast, convenient maintenance with rear accessibility.



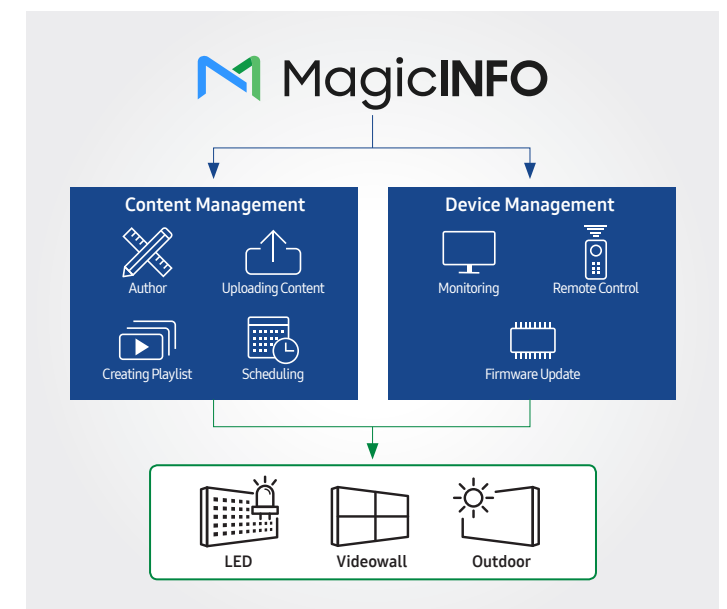
Streamline UHD content delivery

Samsung's compatible S-Box condenses the delivery of compelling content to a single, centralized device. The S-Box transmits UHD content across multiple IFH-DL Series displays without requiring external boxes or splitters, helping businesses enjoy faster and more cost-efficient operations.



Unwavering reliability

Resistant to the impact of environmental noise and vibration, the IFH-DL Series boasts continuous performance even in turbulent and loud indoor venues such as sports stadiums and train stations.



Manage content and devices anywhere

Compatibility with the MagicInfo platform enables IFH-DL Series users to create, schedule and deploy content across an entire signage network. Users likewise can monitor and adjust display settings and troubleshoot potential performance issues from any location via remote access.