

Samsung

LED UHD Signage Box

SBB-SNOWJ3U



Brilliant, true-to-life UHD content across multiple connected LED displays without expensive equipment is what a business needs in today's working environment. The Samsung's LED UHD Signage Box (S-Box) stands out in a crowd with LED HDR (High Dynamic Range) picture technology, elevating peak brightness and establishing frame-by-frame gradation. The S-Box also leverages MagicINFO to develop, schedule and manage content within a single platform equipping businesses with a comprehensive management tool for more convenient and impactful oversight of their entire LED display network. With a Live Mode option, when attending an event where livestreaming is occurring, the S-Box improves signal delays and latency. It also integrates the sound and video experience by utilizing a Digital Audio Out technology that removes the need for additional equipment. The S-Box also instinctively controls the LED brightness and the quality of the lighting by a dimming sensor. The S-Box not only has these impressive features but is more energy efficient than the previous model.

Highlights

- Transmit UHD content across multiple LED displays from a single, all-in-one source
- Showcase stunning content through LED HDR (High Dynamic Range) technology
- Manage content and overall display performance within the MagicINFO platform
- Deliver live content with lower latency through optional Live Mode
- Synchronize video and audio for a smoother viewing experience
- Deliver vibrant illustrations while being energy efficient

SAMSUNG



Streamlined UHD Content Delivery

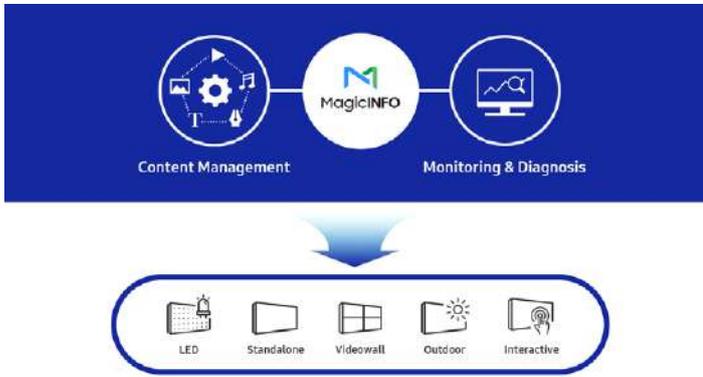
Samsung's LED UHD Signage Box (S-Box) condenses the delivery of content to a single, centralized device. The S-Box transmits UHD content across multiple LED displays without requiring external boxes or a splitter. By streaming content output, the S-Box helps businesses enjoy a faster activation.

* 'Conventional' settings will vary depending on the companion sending box and type of content ultimately presented.



A Brilliant and Realistic Picture

During content transmission, the S-Box applies LED HDR technology for more detailed text and imagery. The S-Box elevates peak brightness to nearly 2X higher than the standard LED specifications and optimizes gradation and brightness within each individual scene to prevent visual inconsistency.



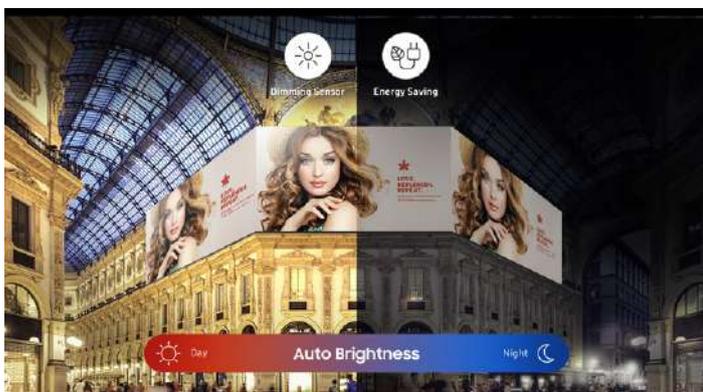
Integrated Content and Device Management

The S-Box is compatible with Samsung's MagicINFO platform, enabling businesses to create, schedule and deploy content across an entire display network. Beyond content management, users also can manage a range of displays simultaneously through MagicINFO, reducing costs and operational burden.



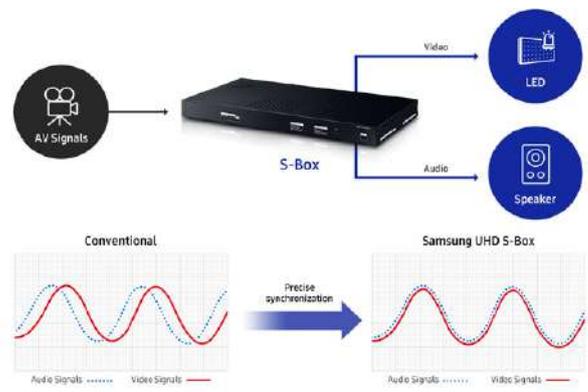
Live Events in Real Time

The S-Box provides a Live Mode option and it is suitable where live-stream events are required, such as indoor sports. When in Live Mode, the S-Box enables the LED displays to deliver content in real time, minimizing a signal delay.



Brightness Optimized for Any Environment

The S-Box automatically adjusts LED brightness levels by detecting the quantity of external light via dimming sensor. This in turn enables LED signage to display content with optimal brightness, while reducing display operating expenses and power consumption.



Sounds and Video Synchronized Flawlessly

Digital Audio Out support is included in the S-Box. Movies and videos are seamlessly coordinated for a smooth and fantastic viewing experience. With no need for other processing devices, the S-Box will save time and money.

* 'Conventional' refers to Samsung's previous S-Box and does not include any other products from other manufacturers.

Design



FRONT



BACK

Specifications

Model		SBB-SNOWJ3U
SoC		Cortex-A12 1GHz Quad Core
Memory		2.5GB 96bit DDR3-933 (1866MHz)
Storage		8GB (3.75GB Occupied by O/S, 4.25GB Available)
Graphics		2D & 3D Graphics Engine - Supports OpenGL ES
OS		Tizen2.4 OS
I/O Port		DP In, HDMI1, HDMI2
		HDBT Out x 4, SPDIF(Audio) Out x 1
		RJ-45(10/100Mbps), RS232(Stereo) In
		USB 2.0 Port x 2
Power	Type	Adapter
	Power Supply	AC 100 - 240 V~ (+/- 10 %), 50/60 Hz
	Power Consumption (w/ BTU(British Thermo Units))	Working: 60 Watt/h (BTU: 204.73 BTU/h) Standby: 0.5 Watt/h (BTU: 1.71 BTU/h)
Mechanical Spec	Dimension (mm)	S-Box : 422.4 x 38.3 x 221.1 IG : 75.6 x 23.3 x 268.8 584 x 127 x 303 (Package)
	Weight (kg)	S-Box : 2.65 / IG : 0.5 6.5 (Package)
Operation	Operating Temperature	0°C~ 40°C
	Humidity	10~80%
Certification	Safety	UL/c-UL, CB
	EMC	FCC class B, CE, VCCI, KCC, BSMI, C-Tick, CCC,NATA, GOST
Etc		Dimming (Brightness Sensor)

About Samsung Electronics Co., Ltd.

Samsung Electronics Co., Ltd. inspires the world and shapes the future with transformative ideas and technologies. The company is redefining the worlds of TVs, smartphones, wearable devices, tablets, cameras, digital appliances, medical equipment, network systems, and semiconductor and LED solutions. For the latest news, please visit Samsung Newsroom at <http://news.samsung.com>

Samsung LED Signage

For more information about Samsung SMART LED Signage, visit www.samsung.com/business or www.samsung.com/displaysolutions

Copyright © 2018 Samsung Electronics Co. Ltd. All rights reserved. Samsung is a registered trademark of Samsung Electronics Co. Ltd. Specifications and designs are subject to change without notice. Non-metric weights and measurements are approximate. All data were deemed correct at time of creation. Samsung is not liable for errors or omissions. All brand, product, service names and logos are trademarks and/or registered trademarks of their respective owners and are hereby recognized and acknowledged.

Samsung Electronics Co., Ltd.
416, Maetan 3-dong, Yeongtong-gu
Suwon-si, Gyeonggi-do 443-772, Korea

2018-07