Samsung EBD Series SMART Signage

Promote your business while informing and entertaining customers with a cost effective, simplified TV and digital signage solution

Highlights

- Entice and entertain customers with a cost-effective HD resolution LED backlit display that is designed for small shops and small-to-medium businesses.

- Conveniently and easily transfer and manage content from a PC or mobile device with built-in Wi-Fi and provided apps.

- Promote and inform using included Samsung MagicInfo® E Player signage software on the display or Samsung E Author signage software on a PC.

- Display content in the optimal orientation with pivot support for portrait or landscape positioning

Leverage a complete TV and digital signage solution that's simple to set up and use

To keep up with modern technology trends, owners and managers of small-to-medium businesses and shops want to attract and entertain customers with up-to-date digital signage and TV content. Live TVs offer shop owners an easy way to keep waiting customers entertained; however, using digital signage to promote shop items on sale typically results in additional overhead costs. In addition, many digital signage and TV solutions are complex, requiring separate devices and components for use.

Samsung EBD Series SMART Signage is an innovative and economical digital signage and TV solution in a streamlined and easy design that works right out of the box.

EBD Series comes with everything you need to entertain, inform and promote in an innovative and affordable way to captivate customers and drive profits. Now, you can display live TV programming on one part of the screen while showcasing your promotions on other areas. By providing this kind of engaging and informative content you can boost business revenue.

The bright LED back-lit display with HD resolution provides a superior viewing experience in 40" and 48" sizes that work in variety of lighting conditions. The thin frame and narrow bezel create a modern, polished look and can be displayed in landscape or portrait mode to optimize content viewing. An embedded TV tuner delivers a familiar means of content access and entertainment. Plus, a basic stand that complements the signage design is included in the package, eliminating the need to purchase additional stands or mounts.
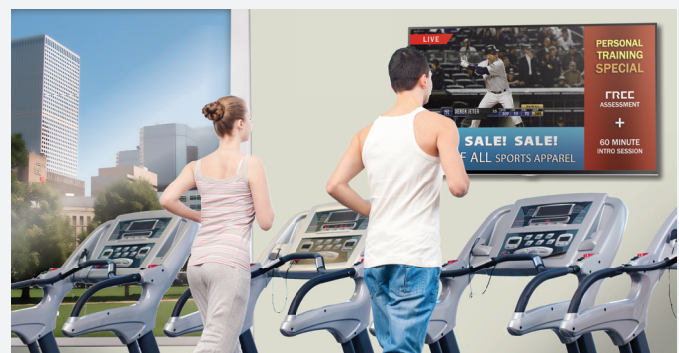
Figure 1. Samsung EBD Series SMART Signage

THE NEW
BUSINESS
EXPERIENCE

SAMSUNG

Streamline and simplify content creation, management, scheduling and presentation

Create, present and manage digital content easily with included signage software

EBD Series SMART Signage includes MagicInfo E Player signage software embedded on the display and MagicInfo E Author signage software for use with a PC, so you can easily produce, schedule, control and present content. A media player that is fully integrated into the display enriches the displays' usability while eliminating the need for external hardware to create, manage and display advertising, information and entertainment. The embedded MagicInfo E Player and software simplify content management and streamline the display environment.
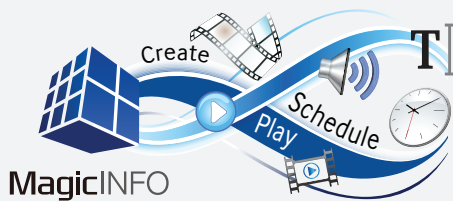

Figure 2. Simplified content production and control

MagicInfo E Author makes content creation through your PC straightforward. With over 200 pre-built design templates, you can create and insert professional promotions with text, images and videos to convey and emphasize messages, so you never have to start from a blank page. The templates include a range of high quality Royalty Free (RF) images that can be immediately used by shop owners for professional-looking results. Templates are available for a variety of business and markets, such as individual retail stores, Quick Service Restaurants (QSRs) and other dining establishments, grocery stores, cosmetic stores, arts and entertainment venues, and healthcare facilities. Both portrait and landscape template layouts are available to suit your unique display needs.
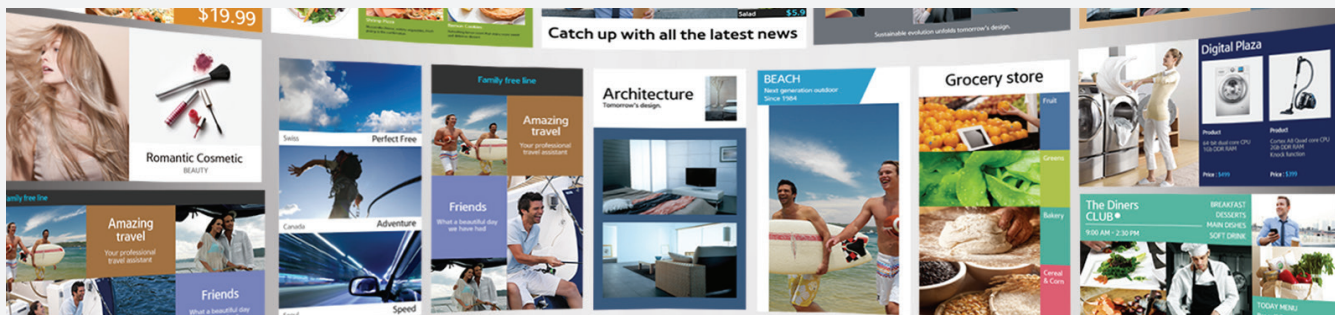
Manage and deploy content from your mobile device or PC wirelessly for greater flexibility

Built-in Wi-Fi enables you to easily and conveniently transfer content from a PC or mobile device with provided apps. The embedded Wi-Fi solution eliminates wire clutter and the inconvenience of dangling cables, as well as the complexity of connecting various devices. It is no longer necessary to look for compatible connector cables for different devices. You can simply download the MagicInfo Express mobile application and conveniently edit promotional content on a mobile device screen.* You can also upload your mobile content directly to EBD Series and instantly play the uploaded content on the screen.

Figure 4. Built-in Wi-Fi, which reduces and simplifies the time and effort of transferring content

*Compatible with
  1. Android (4.0 or above): Galaxy S3, S4, S5, Galaxy Note2, Note3
  2. iOS (6.0 or above): iPhone 4, 4S, 5*

Use the MagicInfo E Mobile app on your mobile device along with built-in Wi-Fi to easily modify and update digital signage content on the fly.

Figure 3. Various content templates for business messaging creation in a snap

THE NEW BUSINESS EXPERIENCE

SAMSUNG

Display your business messaging optimally, all day long

Optimize content display with pivot support

Because many businesses require content display in portrait orientation, EBD Series can be installed horizontally or vertically for greater flexibility and more impact. You can choose from a variety of portrait-mode templates, so you can design business messaging to suit your unique needs. You can also easily rotate the screen 90 degrees and take full advantage of the displays' versatility without affecting its performance.

Figure 5. Portrait mode for optimal positioning

Keep your business up and running with reliable and durable signage

EBD Series SMART Signage combines Samsung's world-class picture quality with commercial-grade technologies for dependable and continuous usage. EBD Series can operate up to 16 hours per day, even in harsh conditions such as high temperatures or high humidity for reliable use in various business environments, from bakeries to cafés to grocery stores. And, this reliability is backed by a 3-year warranty to ensure that your business is guaranteed long-lasting performance.

Figure 6. Operational hours to suit any business

To ensure that you remain productive, durable, commercial-grade EBD Series SMART Signage provides reliable operation for up to 16 hours a day.

Figure 7. Continuous usage backed by a 3-year warranty

Samsung EBD Series SMART Signage

EBD

40" / 48"

Connectors

1. USB
2. COMMON INTERFACE
3. RS232C IN
4. AV IN
5. HDMI IN
6. ANT IN
7. RGB IN
8. AUDIO IN

SAMSUNG

Samsung EBD Series SMART Signage

Specifications

			EB40D	EB48D
Panel	Diagonal Size		40"	48"
	Type		60 Hz LED BLU	
	Resolution		1,366 x 768 (16:9)	
	Pixel Pitch (mm/in.)		0.51 x 0.17 (0.92 x 0.006)	
	Active Display Area (mm/in.)		886.1 x 497.6 (34.8 x 19.5)	1,053 x 592 (41.4 x 23.3)
	Brightness (Typ.)		250 nit	
	Contrast Ratio		5000:1	
	Viewing Angle(H/V)		178:178	
	Response Time (G-to-G)		8 ms	6 ms
	Display Colors		16.7 M	
	Color Gamut		72%	
Display	Dynamic C/R		50,000 : 1 (AV Mode)	
	H-Scanning Frequency		30 ~ 81 kHZ	
	V-Scanning Frequency		48 ~ 75 HZ	
	Maximum Pixel Frequency		148.5 MHz	
Connectivity	Input	RGB	Analog D-Sub	
		Video	HDMI®, Composite	
		Audio	Stereo mini Jack	
	Output	RGB	N/A	
		Video	N/A	
		Audio	Stereo mini Jack	
		Power Out	N/A	
	External Control		RS232C (In) thru stereo jack	
	External Sensor		N/A	
Power	Type		Internal	
	Power Supply		AC 100 - 240 V~ (+/- 10 %), 50/60 Hz	
	Power Consumption	Max [W/h]	66	78
		Typical [W/h]	43	52
		BTU (Max)	225.06	265.98
		Stand-by mode	0.3	
Mechanical Spec	Dimension (mm/in.)	Set (w/o Stand)	914.2 x 547.9 x 90.9 (35.9 x 21.5 x 3.5)	1,083.2 x 637.8 x 90.9 (42.6 x 25.1 x 3.5)
		Set (with Stand)	914.2 x 586.4 x 196.4 (35.9 x 23 x 7.7)	1,083.2 x 677 x 203.9 (42.6 x 26.6 x 8)
		Package	1,060 x 606 x 142 (41.7 x 23.8 x 5.5)	1,292 x 720 x 155 (50.8 x 28.3 x 6.1)
	Weight (kg/lb)	Set (w/o Stand)	7 (15.4)	9.1 (20)
		Set (with Stand)	7.6 (16.7)	10.2 (22.4)
		Package	9.9 (21.8)	14 (30.)
	VESA Mount		200 x 200 mm	
	Protection Glass		N/A	
	Stand Type		Foot Stand (Included)	
	Media Player Option Type		N/A	
	Bezel Width (mm/in.)		12 (0.4)	
Operation	Recommended Usage Hours		16 hrs / day	
	Operating Temperature		0 ~ 40℃	
	Humidity		10 ~ 80%	

THE NEW
BUSINESS
EXPERIENCE

SAMSUNG

Samsung EBD Series SMART Signage

Specifications

			EB40D	EB48D
Feature	Key		HD Resolution with MagicInfo E	
	Special		MagicInfo E, Built in Speaker (10 W + 10 W)	
	Internal Player (Embedded H/W)	Processor	MIPS 24 K	
		On-Chip Cache Memory	L1 : 16 KB / 16 KB L2 : 128 KB	
		Clock Speed	650 MHz	
		Main Memory Interface	512 MB 16 bit DDR3-800 (1600 MHz)	
		Graphics	2D Graphic	
		Storage (FDM)	256 MB Available	
		Multimedia	Video Decoder - MPEG-1/2, H.264/AVC - VC-1, JPEG Audio DSP (Decoder) - AC3 (DD), MPEG, DTS and etc	
		Host Bus	N/A	
		IO Ports	USB 2.0	
		Operating System	Linux®	
Certification	Safety		CB (Europe) : IEC60065	
	EMC		CE (Europe) : EN55022:2006+A1:2007, EN55024:1998+A1:2001+A2:2003	
	Environment		ErP TV	
Accessories	Included		Stand, Quick Setup Guide, Warranty Card, Power Cord, Remote Controller, Batteries	
	Optional	Stand	Included	
		Mount	Not Included	
		Specialty	N/A	
Media Player	CPU		N/A	
	N/B			
	S/B			
	GPU			
	FDM/HDD			
	Memory			
	Ethernet			
	Connectivity	USB		
		Output		
		Others		

THE NEW
BUSINESS
EXPERIENCE

SAMSUNG

Legal and additional information

About Samsung Electronics Co., Ltd.

Samsung Electronics Co., Ltd. is a global leader in technology, opening new possibilities for people everywhere. Through relentless innovation and discovery, we are transforming the worlds of TVs, smartphones, tablets, PCs, cameras, home appliances, printers, LTE systems, medical devices, semiconductors and LED solutions. We employ 286,000 people across 80 countries with annual sales of US$216.7 billion. To discover more, please visit www.samsung.com.

For more information

For more information about Samsung EBD Series displays, visit
www.samsung.com/business or
www.samsung.com/displaysolutions.

Samsung Electronics Co., Ltd.
129 Samsung-ro,
Yeongtong-gu,
Suwon-si, Gyeonggi-do 443-742,
Korea

www.samsung.com

2014-10