# SAMSUNG SMART SIGNAGE DCH SERIES

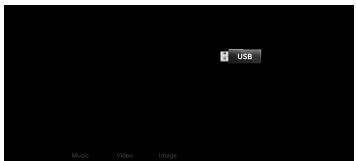
Capture viewers with slim design and optimized performance for 16/7





#### EASILY ELEVATE BUSINESS BRANDING AND MESSAG-ING WITH BRILLIANT AND DURABLE SIGNAGE

DCH Series displays deliver industry-leading picture quality, proven Samsung technology and a wide array of sizing options for adaptable and dependable business usage to meet various business needs. The displays offer reliable 16/7 usage to ensure that your business messages are efficiently conveyed. Plus, 350 nit brightness and crystal clear image quality enable business owners to captivate their customers.



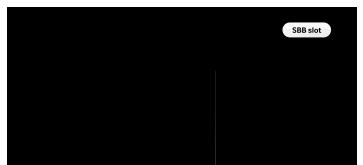
## CONTENT AUTO PLAY IN USB MEMORY OR INTERNAL MEMORY

MagicInfo Lite Player uses a sophisticated technology to play a huge range of content including video, images, photos on demand, or from a schedule. Customers can easily play files from, or transfer between, the large internal memory or external USB devices plugged into the in-built port. The MagicInfoSlide folder on the USB memory has content that is listed in alphabetical order which is easier and convenient to use as it does not require separate schedules.



### CONTROL DISPLAYS IN MULTIPLE LOCATIONS EASILY AND INSTANTLY

MagicInfo Lite solution that comes with the embedded media player extends the remote content management over network through MagicInfo server. Media contents of the USB memory stick plugged in to the back of the DCH Series displays can be scheduled to play from a remote PC. The connection to MagicInfo server allows remote monitoring and management of the DCH Series displays. Device information, content playback schedules, network data monitoring, time scheduling, alarms and various controls are all available remotely.



## EASILY MANAGE DIGITAL SIGNAGE WITH A VERSATILE CONNECTIVITY

Connect the display to other digital signage easily with interfaces based on your specific needs. The displays provide not only the essential connections businesses use the most but support for a wide range of source device types. Interfaces include HDMI, DVI, D-sub, Component and Composite input as well as RS-232C and RJ45 for extensive connectivity. In addition, DCH series has a space to attach SBB player, which can transform the signage into all-inclusive digital signage solutions.



### **SPECIFICATIONS**

	MODEL		DC49H		MODEL		DC49H
	Diagonal Size Class		49		Key		Slim & Light LFD with
Panel		Measured	48.5" / 123.2cm		ney		Built-in MagicInfo Lite
	Туре		60Hz E-LED BLU				Super Clear Coating, Temperature Sensor,
	Resolution		1920x1080 (16:9)		Special	H/W	Pivot Display, Button Lock, Clock Bat- tery(168hrs Clock Keeping), Built in Speaker(10W x 2)
	Pixel Pitch(mm)		0.186(H) x 0.559(V)				
	Active Display Area(mm)		1073.78(H) x 604.00(V)			S/W	Auto Source Switching & Recovery, RS232C/RJ45 MDC, Plug and Play (DDC2B), Built In Magi- cInfo Lite, Firmware Update by Network
	Brightness(Typ.)		350nit				
	Contrast Ratio(Typ.)		5000:1				
	Viewing Angle(H/V)		178:178			Processor	MIPS 24K
	Response Time(G-to-G)		8ms		Internal Player (Embedded H/W)	On-Chip	
	Display Colors		16.7 M	Feature		Cache	L1 : 16KB/16KB L2 : 128KB
	Color Gamut		72%			Memory	
	Operation Hour		16/7			Clock Speed	650MHz
	Haze		2%			Main Memory Interface	512MB
Display Sound	Dynamic C/R		MEGA				N/A
	H-Scanning Frequency		30 ~ 81kHZ			Storage	
	V-Scanning Frequency		48 ~ 75HZ			(FDM)	179MB
	Maximum Pixel Frequency		148.5MHz			Multimedia	N/A
	Speaker Type		Built in Speaker(10W + 10W)			IO Ports	N/A
	INPUT	RGB	DVI-I			Operating System	Samsung Proprietary OS (VDLinux)
Connectivity		VIDEO	HDMI 1.4 (2), Component(CVBS Common)			System	CB (Europe) : IEC60950-1/EN60950-1, CCC (China) : GB4943.1-2011, PSB (Singapore ) : PSB+IEC60950-1, IRAM (Argentina ) : IRAM+IEC60950-1, SASO (Saudi Arabia ) : SASO+IEC60950 BIS(India) : IEC60950-1 / IS13252,
		HDCP	HDCP1.4				
			Stereo Mini Jack, RGB/DVI/				
		AUDIO	HDMI/Component Audio (Common)				
		USB	USB 2.0 x 1				
	OUTPUT	RGB	N/A		Safety		NOM(Mexico) : Tuner : NOM-001-SCFI-19 Tunerless : NOM-019-SCFI-1998 , KC(Korea) : K 60950-1 , EAC(Russia) : EAC+IEC60950-1 , INMETRO(Brazil) : INMETRO+IEC60950 BSMI(Taiwan) : BSMI+IEC60950-1 , RCM(Australia) : IEC60950-1/AS/NZ56095
		VIDEO	N/A				
		AUDIO	Stereo Mini Jack				
		Power Out	N/A				
		USB	N/A				
	EXTERNAL CONTROL		RS232C(in) thru stereo jack, RJ45	Certification			CSA (Canada) : cUL, UL(USA) : cUL6095 FCC (USA) Part 15, Subpart B Class A, CE (Europe) : EN55022:2006+A1:2007,E 5024:1998+A1:2001+A2:2003, VCCI (Japan) : VCCI V-3 /2010.04 Class. KCC/EK (Korea) : Tuner : KN13 /
	EXTERNAL SENSOR		N/A				
	Tuner		Yes(only for NA/KR)				
Power	Туре		Internal				
	Power Supply		AC100 - 240 V~ (+/-10 %),				
			50/60 Hz				
	Power Consumption	Max[W/h]	99				KN20,Tunerless : KN22 / KN24 ,
		Typical [W/h]	(W/W)52, (US)45, (KR)66		EMC		BSMI (Taiwan) : CNS13438 (ITE EMI) Cla A /CNS13439 (AV EMI) / CNS14409 (AV EMS) / CNS14972 (Digital) ,
		BTU(Max)	337.59				
		Sleep mode	0.5				C-Tick (Australia): AS/NZS CISPR22:20 CCC(China):GB9254-2008,GB17625.1-20 GOST(Russia/CIS): GOST R 51317 Series,GO 22505-97, EN55022:2006+A1:2007,EN5 24:1998+A1:2001+A2:
		Off mode	0				
Mechanical Spec	Dimension (mm)	Set	1096.9 X 629.1 X 30.5				
		Package	1214 x 721 x 157				
	Weight (kg)	Set	13.1kg				Quick Setup Guide, Regulatory Guide, Warranty Card, Powor Cord
		Package	17.4		Included		
	VESA Mount		400*400mm	Accessories	Included		Power Cord, Remote Controller, Batteries, RS232C
	Protection Glass		N/A				adapter
	Stand Type		Foot Stand (Optional)		Optional	Stand	STN-L4655E
	Bezel Width (mm)		9.0 (Top/Side), 11.0 (Bottom)			Mount	WMN4270SD
Operation	Operating Temperature		0°C~ 40°C			Specialty	CML450H
	Humidity		10~80%			Media Player	SBB

#### 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.

#### **SMART Signage**

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

Copyright © 2017 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

SAMSUNG