

SAMSUNG SMART SIGNAGE DCH SERIES

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



EASILY ELEVATE BUSINESS BRANDING AND MESSAGING 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.



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.



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.



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.

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SPECIFICATIONS

MODEL		DC49H		
Panel	Diagonal Size	Class	49	
		Measured	48.5" / 123.2cm	
	Type		60Hz E-LED BLU	
	Resolution		1920x1080 (16:9)	
	Pixel Pitch(mm)		0.186(H) x 0.559(V)	
	Active Display Area(mm)		1073.78(H) x 604.00(V)	
	Brightness(Typ.)		350nit	
	Contrast Ratio(Typ.)		5000:1	
	Viewing Angle(H/V)		178:178	
	Response Time(G-to-G)		8ms	
	Display Colors		16.7 M	
	Color Gamut		72%	
	Operation Hour		16/7	
	Haze		2%	
Display	Dynamic C/R		MEGA	
	H-Scanning Frequency		30 ~ 81kHz	
	V-Scanning Frequency		48 ~ 75HZ	
	Maximum Pixel Frequency		148.5MHz	
Sound	Speaker Type		Built in Speaker(10W + 10W)	
Connectivity	INPUT	RGB	DVI-I	
		VIDEO	HDMI 1.4 (2), Component(CVBS Common)	
		HDCP	HDCP1.4	
		AUDIO	Stereo Mini Jack, RGB/DVI/HDMI/Component Audio (Common)	
		USB	USB 2.0 x 1	
	OUTPUT	RGB	N/A	
		VIDEO	N/A	
		AUDIO	Stereo Mini Jack	
		Power Out	N/A	
		USB	N/A	
	EXTERNAL CONTROL		RS232C(in) thru stereo jack, RJ45	
	EXTERNAL SENSOR		N/A	
	Tuner		Yes(only for NA/KR)	
Power	Type		Internal	
	Power Supply		AC 100 - 240 V~ (+/- 10 %), 50/60 Hz	
	Power Consumption	Max[W/h]		99
		Typical [W/h]		(W/W)52, (US)45, (KR)66
		BTU(Max)		337.59
		Sleep mode		0.5
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	
		Package	17.4	
	VESA Mount		400*400mm	
	Protection Glass		N/A	
Stand Type		Foot Stand (Optional)		
Bezel Width (mm)		9.0 (Top/Side), 11.0 (Bottom)		
Operation	Operating Temperature		0°C~ 40°C	
	Humidity		10~80%	

MODEL		DC49H				
Feature	Key		Slim & Light LFD with Built-in MagicInfo Lite			
	Special	H/W		Super Clear Coating, Temperature Sensor, Pivot Display, Button Lock, Clock Battery(168hrs Clock Keeping), Built in Speaker(10W x 2)		
		S/W		Auto Source Switching & Recovery, RS232C/RJ45 MDC, Plug and Play (DDC2B), Built In MagicInfo Lite, Firmware Update by Network		
	Internal Player (Embedded H/W)	Processor		MIPS 24K		
		On-Chip Cache Memory		L1 : 16KB/16KB L2 : 128KB		
		Clock Speed		650MHz		
		Main Memory Interface		512MB		
		Graphics		N/A		
		Storage (FDM)		179MB		
		Multimedia		N/A		
		IO Ports		N/A		
	Operating System		Samsung Proprietary OS (VDLinux)			
	Certification	Safety		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+IEC60950-1, BIS(India) : IEC60950-1 / IS13252, NOM(Mexico) : Tuner: NOM-001-SCFI-1993, Tunerless : NOM-019-SCFI-1998, KC(Korea) : K 60950-1, EAC(Russia) : EAC+IEC60950-1, INMETRO(Brazil) : INMETRO+IEC60950-1, BSMI(Taiwan) : BSMI+IEC60950-1, RCM(Australia) : IEC60950-1/AS/NZS60950-1, CSA (Canada) : cUL, UL(USA) : cUL6095		
			EMC		FCC (USA) Part 15, Subpart B Class A, CE (Europe) : EN55022:2006+A1:2007,EN55024:1998+A1:2001+A2:2003, VCCI (Japan) : VCCI V-3 /2010.04 Class A, KCC/EK (Korea) : Tuner : KN13 / KN20,Tunerless : KN22 / KN24, BSMI (Taiwan) : CNS13438 (ITE EMI) Class A /CNS13439 (AV EMI) / CNS14409 (AV EMS) / CNS14972 (Digital), C-Tick (Australia) : AS/NZS CISPR22:2009, CCC(China) :GB9254-2008,GB17625.1-2012, GOST(Russia/CIS) : GOST R 51317 Series,GOST 22505-97, EN55022:2006+A1:2007,EN55024:1998+A1:2001+A2:	
Included					Quick Setup Guide, Regulatory Guide, Warranty Card, Power Cord, Remote Controller, Batteries, RS232C(IN) adapter	
				Optional	Stand	STN-L4655E
					Mount	WMN4270SD
Specialty					CML450H	
Media Player					SBB	

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SMART Signage

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