SPECIFICATIONS

MODEL			DC43J	DC49J
Panel	Diagonal Size		43	49
	Type		60Hz D-LED BLU	60Hz D-LED BLU
	Resolution		1920x1080 (16:9)	1920x1080 (16:9)
	Pixel Pitch(mm)		0.16333(H) x 0.49005(V)	0.18642(H) x 0.55926(V)
	Active Display Area(mm)		940.89(H) x 529.25(V)	1073.78(H) x 604.00(V)
	Brightness(Typ.)		300nit	300nit
	Contrast Ratio(Typ.)		3000:1	3000:1
	Viewing Angle(H/V)		178:178	178:178
	Response Time(G-to-G)		8ms	8ms
	Display Colors		16.7 M	16.7 M
	Color Gamut		72%	72%
	Operation Hour		16/7	16/7
	Haze		2%	2%
Display	Dynamic C/R		MEGA	MEGA
	H-Scanning Frequency		30 ~ 81kHZ	30 ~ 81kHZ
	V-Scanning Frequency		48 ~ 75HZ	48 ~ 75HZ
	Maximum Pixel Frequency		148.5MHz	148.5MHz
	Speaker Type		Built in Speaker(10W + 10W)	Built in Speaker(10W + 10W)
Connectivity	INPUT	RGB	DVI-I	DVI-I
		VIDEO	HDMI 1.4 (2), Component(CVBS Common)	HDMI 1.4 (2), Component(CVBS Common)
		HDCP	HDCP1.4	HDCP1.4
		AUDIO	Stereo Mini Jack, RGB/DVI/HDMI/CVBS/Component Audio(Common)	Stereo Mini Jack, RGB/DVI/HDMI/CVBS/Component Audio(Common)
		USB	USB 2.0 x 1	USB 2.0 x 1
	OUTPUT	RGB	N/A	N/A
		VIDEO	N/A	N/A
		AUDIO	Stereo Mini Jack	Stereo Mini Jack
		Power Out	N/A	N/A
		USB	N/A	N/A
	EXTERNAL CONTROL		RS232C(in) thru stereo jack, RJ45	RS232C(in) thru stereo jack, RJ45
	EXTERNAL SENSOR		IR	IR
	Tuner		Yes (only for NA/KR)	Yes (only for NA/KR)
Power	Type		Internal	Internal
	Power Supply		AC 100 - 240 V~ (+/- 10 %), 50/60 Hz	AC 100 - 240 V~ (+/- 10 %), 50/60 Hz
	Power Consumption	Max[W/h]	99	121
		Typical[W/h]	(W/W)53, (US)38, (KR)62	(W/W)57, (US)42, (KR)76
		BTU(Max)	337	412.6
		Sleep mode	less than 0.5W	less than 0.5W
		Off mode	0	0
Mechanical Spec	Dimension (mm)	Set	985.5 X 574.8 X 73.4	1118.8 X 650.0 X 74.2
		Package	1099 X 672 X 156	1236 X 750 X 161
	Weight (kg)	Set	7.8	10.1
		Package	11.5	14.7
	VESA Mount		200*200mm	200*200mm
	Protection Glass		N/A	N/A
	Stand Type		N/A	N/A
	Bezel Width (mm)		17.3(Top), 18.3(Bottom), 21.3(Side)	17.4(Top), 18.5(Bottom), 21.5(Side)
Operation	Operating Temperature		0°C~ 40°C	0°C~ 40°C
	Humidity		10~80%	10~80%
Feature	Key		Slim & Light LFD with Built-in MagicInfo Lite	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)	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	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	MIPS 24K
		On-Chip Cache Memory	L1 : 16KB/16KB L2 : 128KB	L1 : 16KB/16KB L2 : 128KB
		Clock Speed	650MHz	650MHz
		Main Memory Interface	512MB	512MB
		Graphics	N/A	N/A
		Storage (FDM)	179MB	179MB
		Multimedia	N/A	N/A
		IO Ports	N/A	N/A
		Operating System	Samsung Proprietary OS(VDLinux)	Samsung Proprietary OS(VDLinux)
Accessories	Included		Quick Setup Guide, Regulatory Guide, Warranty Card, Power Cord, Remote Controller, Batteries, RS232C(IN) adapter, ANT Shield Box(Only for KR)	Quick Setup Guide, Regulatory Guide, Warranty Card, Power Cord, Remote Controller, Batteries, RS232C(IN) adapter, ANT Shield Box(Only for KR)
	Optional	Stand	STN-L3240E	STN-L3240E
		Mount	WMN4070SE	WMN4070SE
		Media Player	SBB (Not attatchable)	SBB (Not attatchable)

SAMSUNG SMART SIGNAGE

DCJ SERIES

Amplify Business Messaging Resonation through Reliable and Efficient Digital Displays

HIGHLIGHTS

- Improve retail and business communications through high-quality professional-grade displays
- Elevate content presentation through FHD picture quality and 300nit brightness
- Engage key audiences over long durations with continuous 16/7 performance
- Manage and adjust content scheduling directly on the display with a remote control
- Integrate new content directly from connected USB drives
- Deliver impactful content at reduced total cost of operation (TCO)

About Samsung Electronics Co., Ltd.
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SMART Signage
For more information about Samsung SMART Signage DCJ Series Displays, visit www.samsung.com/business or www.samsung.com/displaysolutions

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INDUSTRY TRENDS

For both businesses and retailers, clear and effective communications are critical for continued long-term success. To meet these demands, many are turning to innovative digital displays to boost engagement and reinforce branding. As businesses and retailers evaluate digital signage upgrades, they seek solutions that accommodate their core needs. They want displays that are versatile and can scale to meet growth or potential operational changes. They want solutions that are easy to implement and maintain, and do not deter time or resources from day-to-day essentials. And they want to improve their communications without incurring significant costs. Regardless of the environment, businesses and retailers recognize the value of customizable signage to connect with clients, staff, customers or visitors.

WHY SAMSUNG DCJ SERIES?

Samsung's DCJ Series displays combine superior content presentation with reliability, offering business a versatile, cost-effective format to boost engagement and relay timely information. The displays relay audience-ready content with impressive FHD picture quality and continuous 300nit brightness, while also supporting the operational demands of various business environments through 16/7 performance. Each DCJ Series display also offers a multitude of embedded ports that extend connectivity for seamless content sharing, all while maintaining a sleek and stylish design that makes for a welcome addition to any environment.

High Performance

MagicInfo Lite Player

KEY FEATURES

LOAD AND SHARE CONTENT WITH EASE

Each DCJ Series display leverages the integrated MagicInfo Lite Player to bring a range of on-demand or pre-scheduled images and videos to life. Users can load new content either by connecting their personal laptop directly to the display's built-in port or transferring from a compatible USB drive. For advanced USB convenience, the DCJ Series allows users to store content in a specific folder that will play conveniently without the need for separate scheduling.

SIMPLIFY THE CONTENT SCHEDULING PROCESS

DCJ Series users can utilize the Local Schedule Manager to seamlessly play content saved in the display's internal memory and/or on a USB device without the need for a separate PC. This functionality provides options to configure content playback settings—create, edit and delete—according to the user's needs. The ability to manage schedules with a remote control directly through the display streamlines the scheduling process to efficiently deliver engaging messages.

DIVERSIFY CONNECTIVITY PREFERENCES

The DCJ Series displays' versatile interface includes an array of the most widely-used source inputs – including USB, DVI, HDMI1 and HDMI2 ports – that further allow users to customize operations to fit their unique signage network demands. As a result, users can quickly connect their personal devices to the display regardless of the configuration. The DCJ Series displays also feature RJ45 and RS232C ports for broader remote management, and accommodates Set Back Box (SBB) players for diversified high-quality content delivery.