

SAMSUNG

DM-D SERIES COMMERCIAL LED LCD DISPLAYS

WHEN MAXIMUM UPTIME MATTERS

**SAMSUNG**
SMART
SIGNAGE PLATFORM

ULTRA-SLIM DISPLAYS WITH FULL CONNECTIVITY AND 24/7 DEPENDABILITY

Around the clock reliability. It's now within reach thanks to the Samsung DM-D Series. Available in four sizes of 32", 40", 48" and 55", the competitively priced displays deliver an outstanding visual experience wherever 24/7 operation is mandatory, such as public spaces, restaurants and retail stores. The screens in Full HD deliver amazing imagery, lightweight designs ensure installation ease, and an optional touch overlay can enable up to 10 simultaneous touch points for a new level of interactivity. **The New Business Experience**

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1-800-SAMSUNG | 1-866-SAM4BIZ

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KEY FEATURES



Reliable 24/7 Continuous Operation

Innovative Samsung cooling technologies allow your message to be displayed with highly reliable 24/7 continuous operation.



Enhanced System-on-Chip Performance with Quad-Core CPU

Powered by a System-on-Chip semiconductor and quad-core CPU, Samsung's Smart Signage Platform reduces TCO for digital signage deployments, providing savings in hardware, installation and operating costs.



New Industrial Design

A sleek, stylish new look features a 9.5mm bezel with optional customizable bezel trim kits (white, titanium silver, matte black, wood grain).



Ultra-Slim 2.0" Chassis

The stylishly thin chassis helps simplify installation while meeting ADA compliance requirements.



Slim-Direct LED Backlight

The slim-direct-lit displays of the DM-D Series feature 1920 x 1080 Full HD resolution with 450 nits brightness and 5000:1 contrast ratio for sharp, detail-rich images and crisp, easily legible type.



Built-In Wi-Fi and AllShare Cast

Enjoy the advantages of expanded connectivity to mobile devices and simple mirroring of content on a tablet to the display.



Optional Touch Overlay

Add an optional IR touch overlay accessory to enable up to 10 simultaneous touch points.



Magic Info-s Digital Signage Software

The software allows you to create playlists, set playback schedules and publish content directly to the display. Most traditional file formats are supported including RSS feed and live web pages.

**THE NEW
BUSINESS
EXPERIENCE**

Samsung DM-D Series Commercial LED LCD Displays



KEY SPECIFICATIONS

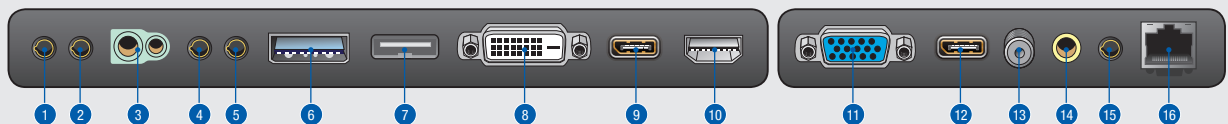
For complete product specifications, visit samsung.com/prodisplay

Display	Model Number	DM32D	DM40D	DM48D	DM55D
	Screen Size	32"	40"	48"	55"
	Panel Technology	60Hz Slim D-LED BLU	60Hz Slim D-LED BLU	60Hz Slim D-LED BLU	120Hz Slim D-LED BLU
	Resolution	1920x1080 (16:9)	1920x1080 (16:9)	1920x1080 (16:9)	1920x1080 (16:9)
	Brightness	420 nits	450 nits	450 nits	450 nits
	Contrast Ratio	5000:1	5000:1	5000:1	5000:1
	Viewing Angle (Horizontal/Vertical)	178° / 178°	178° / 178°	178° / 178°	178° / 178°
	Orientation	Landscape / Portrait	Landscape / Portrait	Landscape / Portrait	Landscape / Portrait
	Response Time (G-to-G)	8ms	8ms	8ms	8ms
Connectivity	Input	Video: VGA (D-Sub 15 Pin), DVI-D, Component/Composite, HDMI, Audio: Stereo Mini Jack	Video: VGA (D-Sub 15 Pin), DVI-D, DisplayPort 1.2, Component/Composite, HDMI, Audio: Stereo Mini Jack	Video: VGA (D-Sub 15 Pin), DVI-D, DisplayPort 1.2, Component/Composite, HDMI, Audio: Stereo Mini Jack	Video: VGA (D-Sub 15 Pin), DVI-D, DisplayPort 1.2, Component/Composite, HDMI, Audio: Stereo Mini Jack
	Output	Audio: Stereo Mini Jack	Video: DisplayPort 1.2 (Loop-Out), Audio: Stereo Mini Jack	Video: DisplayPort 1.2 (Loop-Out), Audio: Stereo Mini Jack	Video: DisplayPort 1.2 (Loop-Out), Audio: Stereo Mini Jack
	External Control	RS232C (In/Out) thru Stereo Jack, RJ45	RS232C (In/Out) thru Stereo Jack, RJ45	RS232C (In/Out) thru Stereo Jack, RJ45	RS232C (In/Out) thru Stereo Jack, RJ45
	External Sensor	IR, Ambient Light	IR, Ambient Light	IR, Ambient Light	IR, Ambient Light
Power	Power Supply	AC 100 - 240 V~ (+/- 10 %), 50/60 Hz	AC 100 - 240 V~ (+/- 10 %), 50/60 Hz	AC 100 - 240 V~ (+/- 10 %), 50/60 Hz	AC 100 - 240 V~ (+/- 10 %), 50/60 Hz
	Power Consumption (Typical/Max)	61W / 77W	86W / 121W	100W / 132W	130W / 176W
	Power Consumption (Standby)	< 0.5W	< 0.5W	< 0.5W	< 0.5W
Environmental Conditions	Operating Temperature	0°C - 40°C	0°C - 40°C	0°C - 40°C	0°C - 40°C
	Operating Humidity	10%~80%	10%~80%	10%~80%	10%~80%
Features	Slim & Light LFD with Built-in MagicInfo Player S2		Slim & Light LFD with Built-in MagicInfo Player S2	Slim & Light LFD with Built-in MagicInfo Player S2	Slim & Light LFD with Built-in MagicInfo Player S2
	Special	Hardware	Super Clear Coating, Temperature Sensor, Videowall (15x15), Pivot Display, Clock Battery(80hrs Clock Keeping), Built in Speaker, Wi-Fi Module Embedded, AllShare Screen Mirroring, SD Card Slot	Super Clear Coating, Temperature Sensor, Videowall (15x15), Pivot Display, Clock Battery(80hrs Clock Keeping), Built in Speaker, Wi-Fi Module Embedded, AllShare Screen Mirroring, SD Card Slot	Super Clear Coating, Temperature Sensor, Videowall (15x15), Pivot Display, Clock Battery(80hrs Clock Keeping), Built in Speaker, Wi-Fi Module Embedded, AllShare Screen Mirroring, SD Card Slot
		Software	Magic Clone (to USB), Auto Source Switching & Recovery, Lamp Error Detection, RS232C/RJ45 MDC, Plug and Play (DDC2B), PIP/PBP, Image Rotation, Button Lock, DP 1.2 Digital Daisy Chain (Supporting 2x2 UHD Resolution, HDCP Support), Smart Scheduling, Smart F/W update, Built in MagicInfo Player S2, Firmware Update by Network, LFD New Home Screen, PC-less Videowall, Predefined Template for Vertical Usage, Multi Channel, Mobile Control, Event Schedule, Backup Player, PC-less Touch	Magic Clone (to USB), Auto Source Switching & Recovery, Lamp Error Detection, RS232C/RJ45 MDC, Plug and Play (DDC2B), PIP/PBP, Image Rotation, Button Lock, DP 1.2 Digital Daisy Chain (Supporting 2x2 UHD Resolution, HDCP Support), Smart Scheduling, Smart F/W update, Built in MagicInfo Player S2, Firmware Update by Network, LFD New Home Screen, PC-less Videowall, Predefined Template for Vertical Usage, Multi Channel, Mobile Control, Event Schedule, Backup Player, PC-less Touch	Magic Clone (to USB), Auto Source Switching & Recovery, Lamp Error Detection, RS232C/RJ45 MDC, Plug and Play (DDC2B), PIP/PBP, Image Rotation, Button Lock, DP 1.2 Digital Daisy Chain (Supporting 2x2 UHD Resolution, HDCP Support), Smart Scheduling, Smart F/W update, Built in MagicInfo Player S2, Firmware Update by Network, LFD New Home Screen, PC-less Videowall, Predefined Template for Vertical Usage, Multi Channel, Mobile Control, Event Schedule, Backup Player, PC-less Touch
	Tuner		Yes	Yes	Yes
	SMART Signage Platform Compliant		Yes	Yes	Yes
	Internal Media Player		Cortex-A9 1GHz Quad Core, 1.5GB DDR3, 4GB FDM, USB 2.0, Linux OS	Cortex-A9 1GHz Quad Core, 1.5GB DDR3, 4GB FDM, USB 2.0, Linux OS	Cortex-A9 1GHz Quad Core, 1.5GB DDR3, 4GB FDM, USB 2.0, Linux OS
	VESA Standard Wall Mount Interface		200 x 200mm	400 x 400mm	400 x 400mm
	24/7 Operation		Yes	Yes	Yes
	Product Dimensions (without stand)		28.4" x 16.5" x 2.0"	42.3" x 24.4" x 2.0"	48.4" x 27.8" x 2.0"
	Packaging Dimensions		31.5" x 18.5" x 4.6"	46.7" x 23.1" x 5.8"	53.1" x 31.9" x 5.8"
Dimensions	Bezels Width		10.5mm (U/L), 15.0mm (R/B)	9.5mm (U/L), 15.0mm (R/B)	9.5mm (U/L), 15.0mm (R/B)
	Product Weight		10.7 lbs.	16.6 lbs.	24.5 lbs.
Weight	Shipping Weight		13 lbs.	20.1 lbs.	30.9 lbs.
	Standard Warranty		3 Years On-Site (Parts / Labor / Backlight)	3 Years On-Site (Parts / Labor / Backlight)	3 Years On-Site (Parts / Labor / Backlight)
Service	Included		Quick Setup Guide, Warranty Card, D-Sub Cable, Power Cord, Remote Controller, Batteries	Quick Setup Guide, Warranty Card, D-Sub Cable, Power Cord, Remote Controller, Batteries	Quick Setup Guide, Warranty Card, D-Sub Cable, Power Cord, Remote Controller, Batteries
	Optional Mount		WMN4070SD, WMN250MD	WMN4270SD, WMN250MD	WMN4270SD, WMN250MD
	Optional Stand		STN-L3240E	STN-L4655E	STN-L4655E
	Optional Media Player		SBB-C, SBB-CD7, SBB-CQ7	SBB-C, SBB-CD7, SBB-CQ7	SBB-C, SBB-CD7, SBB-CQ7
	Optional Touch Overlay		CY-TD32	CY-TD48	CY-TD55
Green Management	Emission Standard		EMC	EMC	EMC
	ENERGY STAR® 6.0 Compliant		Yes	Yes	Yes
	RoHS Compliant		Yes	Yes	Yes
	Packing Recyclability		Packing Materials Recyclable	Packing Materials Recyclable	Packing Materials Recyclable

CONNECTIVITY

1. RS232C In
2. RS232C Out
3. IR/Ambient Sensor In
4. Audio In
5. Audio Out
6. SD Card Slot
7. USB
8. DVI In
9. DisplayPort In
10. HDMI In
11. VGA In
12. Display Port Out
13. Antenna In
14. AV In
15. IR Out
16. RJ45 In

Note: 32" model does not have DisplayPort In/Out.



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For complete product information and accessories, visit samsung.com/business or samsung.com/prodisplay

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Samsung Electronics has been named 2013 ENERGY STAR Partner of the Year in the product manufacturing category by the U.S. Environmental Protection Agency (EPA).



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General Info

Product Concept	Touch Overlay
Series	D-series 40
Inch	40

Mechanical Spec

Dimension (mm)	Set	945.1 x 558.5 x 30.9
	Package	1029 x 640 x 102
Weight (kg)	Set	6.1
	Package	7.2
Glass thickness		2.8
Glass Film		AG(Front),PET(Rear)
Glass Reflection Rate		≤10%
Glass HAZE		≤15%
Frame Material		Aluminum Extrusion
Bezel Width (mm)		30mm

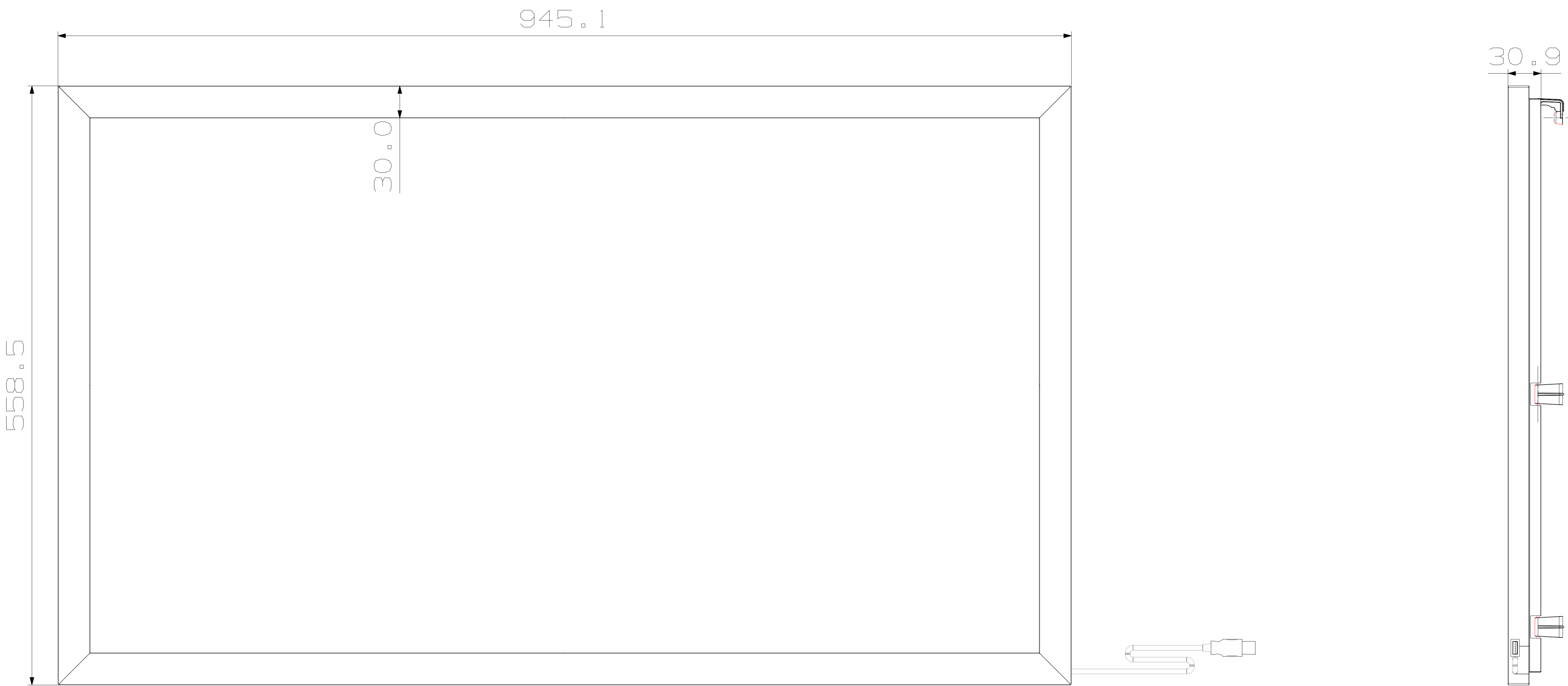
Touch

Touch technology	IR
Number of Simultaneous Touch	2 Drawing 10 touch
Response Time (1 Point)	12ms

Accessory

Included	Software	N/A
	Hardware	Extention USB Cable(2m) IR receiver
Opitional		N/A

CY-TD40LDA MECHANICAL DRAWING



PART NAME		CY-TD40LDA		SPECIFICATION	
UNIT	MM	DRAWING BY		REVIEWED BY	APPROVED BY
TOLERANCE		DO, K / m	SH, On	SH, On	PROJECTION
SCALE	1:2	CODE No.		SHEET NO. /	
ELECTRONICS		DWG. Rev			

Mechanical Drawing

T/O + DMD 40

