

320TSn · 400TSn · 460TSn · 700TSn · 820TSn

SAMSUNG

32", 40", 46", 70" and 82" Touch Screen LCD Displays



Features:

- Infrared (IR) technology with the industry's fastest response time and 3 mm protective glass give you enhanced sensitivity, reliability and long operation hours
- Two integrated high-powered 10W speakers add an extra dimension of functionality, without having to buy and mount external speakers
- 4-way anti burn-in protection improves longevity
- Built-in PCs for easy networking, plus content control with just a few clicks of the mouse



820TSn

Communicate at a deeper level with your customers. That's what Samsung's TSn series touch screen LCDs offer. Samsung's integrated touch screen solution features fast, sensitive infrared (IR) technology, so viewers can get the information they need with the touch of a finger. And Samsung's proprietary MagicInfo™ Pro content management software and built-in speakers let you add a further level of communication to your message. Information you can touch. The Samsung touch screen LCD displays.

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32", 40", 46", 70" and 82" Touch Screen LCD Displays

Features

Infrared (IR) Touch Screen Mode

The enhanced sensitivity of the infrared touch screen makes the TSn even easier to operate. Simply plug it in and the display is ready to go. And the TSn series has one of the fastest response times in the market today.

LCD Panel Protection

Fully equipped with a 3mm protective LCD glass panel, the TSn series is built to last in a commercial environment.

Built-in Speakers

The built-in high-powered 10W x 2 speakers will provide your audience with deep, rich sounds that will complement the amazing HD images on screen.

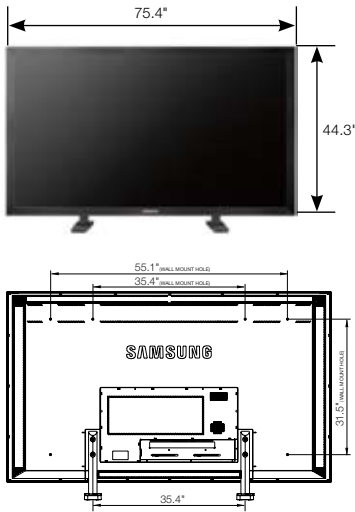
4 Types of Anti-Image Retention

Four types of anti-image retention can be set to be activated automatically throughout the day, contributing to longer panel life and greater reliability.

Enhanced Versatility

Featuring built-in PCs running Windows XP, Samsung's proprietary MagicInfo™ Pro content management software can control the displays remotely over the network, making installation in any location easier.

820TSn Dimensions



Specifications	320TSn	400TSn/460TSn	700TSn	820TSn		
Panel	Diagonal Size	32"	40"/46"	70"	82"	
	Type	S-PVA	S-PVA	S-PVA (DID)	S-PVA (DID)	
	Resolution	1366 x 768	1366 x 768/1920 x 1080	1920 x 1080	1920 x 1080	
	Brightness (Typ.)	450 cd/m ²	400 cd/m ² /420 cd/m ²	500 cd/m ²	500 cd/m ²	
	Contrast Ratio	3000:1, 40,000:1 (Dynamic)	3000:1, 4000:1 (Dynamic)	700:1, 5000:1 (Dynamic)	700:1, 5000:1 (Dynamic)	
	Viewing Angle (H x V)	158°/158°	158°/158°	158°/158°	158°/158°	
	Response Time (G-to-G)	8 ms	8 ms	8 ms	8 ms	
	Color Space (CIE1931)	72%	72%	72%	72%	
Connectivity	PC inputs	VGA/DVI/PC (Supports SOG)	VGA/DVI	VGA/DVI	VGA/DVI	
	Video Inputs	CVBS/HDMI	CVBS/HDMI	CVBS/HDMI	CVBS/HDMI	
	Network	MagicInfo Pro	MagicInfo Pro	MagicInfo Pro	MagicInfo Pro	
Power	Speaker	5W x 2 (built-in)	10W x 2 (built-in)	10W x 2 (built-in)	10W x 2 (built-in)	
	Power Consumption	198W	290W/330W	808W	1010W	
	Power Consumption at Stand-by (Max)	1W (Energy Saving ON) / 5W (Energy Saving OFF)	1W (Energy Saving ON) / 5W (Energy Saving OFF)	1W (Energy Saving ON) / 5W (Energy Saving OFF)	1W (Energy Saving ON) / 5W (Energy Saving OFF)	
Power Supply	AC 100 - 240 V, 50/60 Hz	AC 100 - 240 V, 50/60 Hz	AC 100 - 240 V, 50/60 Hz	AC 100 - 240 V, 50/60 Hz		
Operation	Operating Temperature (Normal/Protection Glass)	10°C ~ 40°C/10°C ~ 35°C	10°C ~ 40°C/10°C ~ 35°C	10°C ~ 40°C/10°C ~ 35°C	10°C ~ 40°C/10°C ~ 35°C	
	Humidity	10 ~ 80%	10 ~ 80%	10 ~ 80%	10 ~ 80%	
	MTBF	50,000 hours	50,000 hours	50,000 hours	50,000 hours	
	Regulations	Safety: UL, CSA, NOM EMC; FCC Ergonomics & Environments (option): TCO'95, TCO'99	Safety: UL, CSA, NOM EMC; FCC Ergonomics & Environments (option): TCO'95, TCO'99	Safety: UL, CSA, NOM EMC; FCC Ergonomics & Environments (option): TCO'95, TCO'99	Safety: UL, CSA, NOM EMC; FCC Ergonomics & Environments (option): TCO'95, TCO'99	
Features	Touch Screen Module	Infrared (IR) sensing type, USB connection, Response time: 15ms (Min)-40ms (Max)	Infrared (IR) sensing type, USB connection, Response time: 15ms (Min)-40ms (Max)	Infrared (IR) sensing type, USB connection, Response time: 15ms (Min)-40ms (Max)	Infrared (IR) sensing type, USB connection, Response time: 15ms (Min)-40ms (Max)	
	Special Features	- Lamp Error Detection - Temperature Sensor - Built-in Fan - Video Wall - RS232C	- Lamp Error Detection - Temperature Sensor - Built-in Fan - Video Wall - RS232C	- Lamp Error Detection - Temperature Sensor - Built-in Fan - Video Wall - RS232C	- Lamp Error Detection - Temperature Sensor - Built-in Fan - Video Wall - RS232C	
Network	Operating System	Window XP Embedded	Window XP Embedded	Window XP Embedded	Window XP Embedded	
	CPU	Athlon X2 Dual Core	Athlon X2 Dual Core	Athlon X2 Dual Core	Athlon X2 Dual Core	
	Cache	256KB (L1), 1MB (L2)	256KB (L1), 1MB (L2)	256KB (L1), 1MB (L2)	256KB (L1), 1MB (L2)	
	N/B	AMD RS780	AMD RS780	AMD RS780	AMD RS780	
	S/B	AMD SB700	AMD SB700	AMD SB700	AMD SB700	
	GPU	AMD RS780 (IGP)	AMD RS780 (IGP)	AMD RS780 (IGP)	AMD RS780 (IGP)	
	FDM	4GB	4GB	4GB	4GB	
	Memory	SEC DDR2 1GB (Single Channel)	SEC DDR2 1GB (Single Channel)	SEC DDR2 1GB (Single Channel)	SEC DDR2 1GB (Single Channel)	
	Ethernet	Marvell 88E8055 Gigabit LAN	Marvell 88E8055 Gigabit LAN	Marvell 88E8055 Gigabit LAN	Marvell 88E8055 Gigabit LAN	
	USB	3 USB	3 USB	3 USB	3 USB	
	VGA Out	1 VGA Out	1 VGA Out	1 VGA Out	1 VGA Out	
	Audio Codec	Realtek ALC262	Realtek ALC262	Realtek ALC262	Realtek ALC262	
	MagicInfo Pro Features	- Contents Play (Photo, Movie, Music, Offices, PDF, Flash, Web Page, Text, Input sources) - Contents scheduler - MDC via Network - Diagnosis (Lamp, Temp, etc.) - Network System information - Asset Management	- Contents Play (Photo, Movie, Music, Offices, PDF, Flash, Web Page, Text, Input sources) - Contents scheduler - MDC via Network - Diagnosis (Lamp, Temp, etc.) - Network System information - Asset Management	- Contents Play (Photo, Movie, Music, Offices, PDF, Flash, Web Page, Text, Input sources) - Contents scheduler - MDC via Network - Diagnosis (Lamp, Temp, etc.) - Network System information - Asset Management	- Contents Play (Photo, Movie, Music, Offices, PDF, Flash, Web Page, Text, Input sources) - Contents scheduler - MDC via Network - Diagnosis (Lamp, Temp, etc.) - Network System information - Asset Management	
	Mechanical Spec	VESA Mount (mm)	200 x 200 mm	600 x 400 mm	800 x 400 mm	900 (1400) x 800 mm
		Cabinet Color	Black	Black	Black	Black
Weight (Set/Package)		43.0 lbs./51.6 lbs	63.1 lbs./74.1 lbs. 75.6 lbs./88.2 lbs.	269 lbs./326 lbs.	309 lbs./386 lbs.	
Dimension (W/O Stand)		31" x 19.0" x 4.6"	38.3" x 23.0" x 5.0" 43.5" x 25.9" x 5.3"	66.5" x 38.9" x 6.1"	75.4" x 44.3" x 6.1"	
Dimension (With Stand)		31" x 21.4" x 12.2"	38.3" x 25.4" x 12.2" 43.5" x 28.3" x 12.2"	66.5" x 43.1" x 19.7"	75.4" x 48.4" x 19.7"	
Packing Dimension		35" x 23.2" x 9.1"	42.7" x 27.7" x 12.2" 48.0" x 30.7" x 12.2"	71.9" x 48.1" x 24.0"	82.5" x 53.5" x 24.3"	
Bezel Width		43.5 mm	41.3 mm/40.3 mm	55.2 mm	53.3 mm	
Protection Glass	3mm, AR (Anti-Reflection) Double-Sided Coating	3mm, AR (Anti-Reflection) Double-Sided Coating	3mm, AR (Anti-Reflection) Double-Sided Coating	3mm, AR (Anti-Reflection) Double-Sided Coating		
Optional Accessories	Wall Mount	WMTL4001D	WMN-5770D	WMN-7070	WMN-8270	
	Stand	STN-L3257D	STN-L3257D	Included	Included	
Green Management	Emission Standard	EMC	EMC	EMC	EMC	
	RoHS/Energy Star	■	■	■	■	
	Product Recyclability	CCFL panel contains mercury, please dispose of properly	CCFL panel contains mercury, please dispose of properly	CCFL panel contains mercury, please dispose of properly	CCFL panel contains mercury, please dispose of properly	
Packaging Recyclability	Packing materials recyclable	Packing materials recyclable	Packing materials recyclable	Packing materials recyclable		

Product Information: 1-866-542-7214 www.samsung.com/prodisplay

Product Support: 1-800-SAMSUNG



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