

Larger impact everywhere but the budget

UDE series 46"/55" thin bezel commercial LED LCD displays

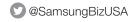
Make sure all the attention is on your videowall, and not on the space in between. The cost-friendly Samsung UDE Series offers videowall displays with thin bezels to fit every budget and need. The UDE-C Series features a bezel-to-bezel width of just 5.5mm, while the UDE-B Series offers a total bezel width of just 3.5mm. Videowalls are impressive, impactful and virtually seamless. Additionally, the UDE-B and UDE-C Series offer 4K UHD resolution for up to 25 displays when daisy chained, with no scalers or distribution boxes required. Maximum impact in boardrooms, retail spaces public places and more. The budget-conscious Samsung UDE Series commercial displays.

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Key features



Ultra-slim bezels, virtually seamless videowalls

The minimized total bezel-to-bezel width of just 3.5mm or 5.5mm is crucial to the virtually seamless video wall experience that the UDE Series delivers. UDE Series displays are ideal for a range of environments and applications, including control rooms, the medical sector, conference rooms, broadcasting stations, transportation hubs, lobbies and retail.



Advanced Color Expert factory calibration

UDE Series displays are meticulously factory tuned for Brightness, Color Temperature and Gamma. The advanced Samsung Color Expert algorithm ensures outstanding, optimal uniformity and impressive images right out of the box. Calibration time is reduced, and videowalls are nothing short of spectacular.



Advanced color management

UDE-C displays allow you to fine-tune color even more precisely through Samsung's new Advanced Color Management solution. A user-friendly interface makes detailed color adjustments simple.



DisplayPort 1.2

The DisplayPort 1.2 digital loop out feature allows you to easily share content across videowalls, and fully supports Ultra High Definition resolution. It's an easy and cost-effective way to connect multiple displays.



Direct-lit LED

Direct-lit LED technology with a new backlight dimming solution allows the UDE Series displays to achieve deeper blacks, higher contrast ratio of 3500:1, and power savings of up to 30%.



Full UHD 4K resolution

UDE displays feature 4K resolution to give you Full UHD videowalls of up to 25 displays, when daisy-chained together. Image clarity and detail is spectacular.

Samsung UDE series commercial LED **LCD** displays







			UD46E-B	UD55E-B	UD46E-C
Display	Screen Size		46"	55"	46"
	Panel Technology		Direct-lit LED Backlit LCD	Direct-lit LED Backlit LCD	Direct-lit LED Backlit LCD
	Resolution		1920 x 1080 (16:9)	1920 x 1080 (16:9)	1920 x 1080 (16:9)
	Brightness		500 nits	500 nits	500 nits
	Contrast Ratio (Typical)		3500:1	4000:1	3500:1
	Viewing Angle (Horizontal/Vertical)		178/178	178/178	178/178
	Orientation		Landscape / Portrait	Landscape / Portrait	Landscape / Portrait
	Response Time		8ms	8ms	8ms
Connectivity	Input		Analog D-SUB, DVI-D, DisplayPort 1.2, HDMl1, HDMl2, Stereo Mini Jack, USB (Only for F/W upgrades)		
	Output		DisplayPort 1.2, (Loop Out) Stereo Mini Jack	DisplayPort 1.2, (Loop Out) Stereo Mini Jack	DisplayPort 1.2, (Loop Out) Stereo Mini Jack
	External Control		RS232C (In/Out), RJ45	RS232C (In/Out), RJ45	RS232C (In/Out), RJ45
	External Sensor		Detachable Type (IR, Ambient)	Detachable Type (IR, Ambient)	Detachable Type (IR, Ambient)
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
	Power Consumption (Typical/Max)		87W / 143W	136W / 198W	93W / 143W
	Power Consumption (Standby)		< 0.5W	< 0.5W	< 0.5W
Environmental Conditions	Operating Temperature		0°C - 40°C	0°C - 40°C	0°C - 40°C
	Operating Humidity		10%~80%	10%~80%	10%~80%
Features	Special	Hardware	Anti Retention (Haze 44%), Temperature Sensor, RS232C/RJ45 MDC, Plug a HDCP support), Clock Battery (80hrs Clock Keeping)	nd Play (DDC2B), Videowall (15x15 (OSD)), Videowall Daisy Chain (10x10), Pivot D	isplay, Button Lock, DP 1.2 Digital Daisy Chain (Supporting UHD Resolut
	Software		ACM Support (Advanced Color Management), Auto Source Switching & Recovery, Image Rotation, Smart F/W update		
	Internal Media Player		N/A	N/A	N/A
	VESA Standard Wall Mount Interface		600 x 400mm	600 x 400mm	600 x 400mm
Dimensions	Product Dimensions (without stand)		40.2" x 22.7" x 3.8"	47.8" x 26.9" x 3.8"	40.3" x 22.8" x 4.5"
	Packaging Dimensions		45.7" x 28.1" x 11.0"	57.1" x 35.6" x 15.2"	45.1" x 27.2" x 11.0"
	Bezel Width		2.3mm (U/L), 1.2mm (R/B)	2.3mm (U/L), 1.2mm (R/B)	3.7mm (U/L), 1.8mm (R/B)
Weight	Product Weight		39.6 lbs.	51.3 lbs.	39.6 lbs.
	Shipping Weight		49.3 lbs.	81.2 lbs.	77.0 lbs.
Service	Standard Warranty		3 Years On-Site (Parts / Labor / Backlight)		
Accessories	Included		Quick Setup Guide, Warranty Card, Application CD, D-sub Cable, Power Cord, Remote Controller, Batteries		
	Optional Mount		WMN-46VD	WMN-55VD	WMN-46VD
	Optional Stand		MID-UD46DS (Videowall Floor Stand)	MID-UD55DS (Videowall Floor Stand)	MID-UD46FS (Videowall Floor Stand)
	Optional Media Player		SBB-DA, SBB-DI, SBB-B32D	SBB-DA, SBB-DI, SBB-B32D	SBB-DA, SBB-DI, SBB-B32D
Green	Emission Standard		EMC	EMC	EMC
Management	ENERGY STAR® 6.0 Compliant		Yes	Yes	Yes
	RoHS Compliant		Yes	Yes	Yes
	RoHS Compliant				

UD46E-B / UD55E-B / UD46E-C

1. IR Out 9. Audio Out

2. IR/Ambient Sensor In 10. Audio RS232 Out

3. DVI In 4. HDMI 1 11. Audio In 12. Audio RS232 In 13. RJ45 In 14. USB 5. HDMI 2

6. DisplayPort In 7. VGA In 15. On/Off Switch 8. DisplayPort Out 16. Power Source



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