


46"	UD46E-B	
55"	UD55E-B	
46"	UD46E-C	



# 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, HDMI1, HDMI2, 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 and Play (DDC2B), Videowall (15x15 (OSD)), Videowall Daisy Chain (10x10), Pivot Display, Button Lock, DP 1.2 Digital Daisy Chain (Supporting UHD Resolution, HDCP support), Clock Battery (80hrs Clock Keeping)	
		Software	ACM Support (Advanced Color Management), Auto Source Switching & Recovery, Image Rotation, Smart FW 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 Management	Emission Standard	EMC	EMC	EMC
	ENERGY STAR® 6.0 Compliant	Yes	Yes	Yes
	RoHS Compliant	Yes	Yes	Yes
	Packaging Recyclability	Packing Materials Recyclable	Packing Materials Recyclable	Packing Materials Recyclable

## CONNECTIVITY

### UD46E-B / UD55E-B / UD46E-C

1. IR Out
2. IR/Ambient Sensor In
3. DVI In
4. HDMI 1
5. HDMI 2
6. DisplayPort In
7. VGA In
8. DisplayPort Out
9. Audio Out
10. Audio RS232 Out
11. Audio In
12. Audio RS232 In
13. RJ45 In
14. USB
15. On/Off Switch
16. Power Source



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BUSINESS

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