NEW UD Series

Samsung NEW UD Series – Putting the focus on the image

The new Samsung UD Series - Video wall solution

Utilising the latest in LED*BLU video wall display technology, the Samsung UD55A 55 inch LED* Display is a revolutionary design, with super narrow bezels, full HD LCD with LED back lighting.

Super Narrow Bezel

The super narrow bezel feature of the Samsung UD Series puts the focus back on the content. At a mere 5.5mm combined bezel (image to image) gap, the thinnest of the Samsung lineup, creates a near seamless viewing experience.

LED* Back Lit for amazing colour and contrast

The UD series is a true LED back lit solution. Offering Full HD resolution, a super bright 700 candela brightness with a 3500:1 contrast ratio (55 inch UD), the UD series is designed to suit the most demanding of indoor applications.

Easy Installation

Create and configure a customized video wall solution with the Samsung UD Series. Slimmer and lighter in weight than conventional CCFL Samsung Video Wall LCDs, the new UD series is easier to install whether using a wall mount solution or the free standing Samsung ID stands.

Low Power Consumption

Lower than previous Samsung models with CCFL Backlighting.

Optional Slide In PC module for Digital signage applications

The new SBB-A series is designed to suit the new LED BLU range. For the UD series screens the SBB- A series slides in to the display (once cover is removed) for Digital Signage applications.

RJ45 and RS232 Display Control

The UD series uses an RJ45 interface as well as the conventional RS232C interface to facilitate easy and effective multi-display remote control. The RJ45 interface is designed to control multiple monitors over long distances by LAN and allow you to enjoy complete digital connectivity.

Available models: UD46A / UD55A

*LED monitors combine LCD screens with LED back lights.

>> Large Format Displays Specifications

UD Series

	Model		UD46A	UD55A
Panel	Diagonal Size		46"	55"
	Type		S-PVA(DID)	S-PVA(DID)
	Resolution		1920 x 1080	1920 x 1080
	Pixel Pitch(mm)		0.53025mm(H) x 0.53025mm(V)	0.63mm(H) x 0.63mm(V)
	Active Display Area(mm)		1018.08mm x 572.67mm	1209.6 x 680.4mm
	Brightness(Typ.)		700 cd/m2	700 cd/m2
	Contrast Ratio		3000:1(TBD)	3500:1
	Viewing Angle(H/V)		178/178	178/178
	Response Time(G-to-G)		8ms	8ms
	Display Colors		8 bit - 16.7M	8 bit - 16.7M
	Color Gamut		68%	68%
Display	Dynamic C/R		10,000:1	10,000:1
	H-Scanning Frequency		30kHz~81kHz	30kHz~81kHz
	V-Scanning Frequency		56Hz~ 85Hz	56Hz~ 85Hz
	Maximum Pixel Frequency		148.5MHz	148.5MHz
Connectivity	INPUT	RGB	Analog D-SUB, DVI-D, Display Port	Analog D-SUB, DVI-D, Display Port
		VIDEO	CVBS, HDMI1,HDMI2, Component (D-SUB 15pin)	CVBS, HDMI1,HDMI2, Component (D-SUB 15pin)
		AUDIO	RCA (L/R), Stereo mini Jack	RCA (L/R), Stereo mini Jack
	OUTPUT	RGB	DVI-D (Loop-out)	DVI-D (Loop-out)
		AUDIO	Stereo mini Jack	Stereo mini Jack
		Power Out	5V	5V
	EXTERNAL CONTROL		RS232C (in/out), RJ45	RS232C (in/out), RJ45
	EXTERNAL SENSOR		Attached	Attached
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]	220	250
		Typical[W/h]	200	225
		BTU(Max)	TBD	852.5
		Sleep mode	Less than 1W	Less than 1W
		Off mode	Less than 1W	Less than 1W
Mechanical Spec	Dimension (mm)	Set	1023.8mm x 96.0mm x 578.4mm	1215.3mm x 686.1mm x 96.0mm
		Package	1160.0mm x 295.0mm x 707.0mm	1355.0 x 310.0 x 820.0mm
	Weight (kg)	Set	18.0Kg	24.0kg
		Package	25.0Kg	35.0kg
	VESA Mount		600 x 400mm	600 x 400mm
	Bezel Width (mm)		3.7mm(U/L), 1.8mm(R/B)	3.7mm(U/L), 1.8mm(R/B)
Operation	Operating Temperature		0°c~40°c	0°c~40°c
	Humidity		10~80%	10~80%
Feature	Key		Super Narrow Bezel	Super Narrow Bezel
	Special		Lamp Error Detection, Anti Retention, Temperature Sensor, RS232C/RJ45 MDC,Plug and Play (DDC2B), PIP/PBP, Video Wall (10x10), Pivot Display, Button Lock, Digital Daisy Chain, Smart Scheduling, Smart F/W update	Lamp Error Detection, Anti Retention, Temperature Sensor, RS232C/RJ45 MDC,Plug and Play (DDC2B), PIP/PBP, Video Wall (10x10), Pivot Display, Button Lock, Digital Daisy Chain, Smart Scheduling, Smart F/W update
Certification	Environment		ENERGY STAR 5.0 (USA)	ENERGY STAR 5.0 (USA)
Accessories	Included		Quick Setup Guide, Warranty Card, Application CD, D-SUB cable, Power Cord, Remote Controller, Batteries, Panel Cover	Quick Setup Guide, Warranty Card, Application CD, D-SUB cable, Power Cord, Remote Controller, Batteries, Panel Cover
	Optional	Stand	N/A	N/A
		Mount	WMN-4655MD	WMN-4655MD
		Specialty	MID-UD46FS	MID-UD55FS
Media Player	CPU			
	N/B			
	S/B			
	GPU			
	FDM/HDD		SIM Type	SIM Type
	Memory			
	Ethernet			
	Connectivity	USB		
		Output		
		Others		

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Specifications correct at time of printing and subject to change without notice.