Control when your business content displays with Smart Scheduling.

Increase display functionality and manage-ability with powerful optional features

The UD22B offers optional features to provide even greater usability:

- **Wall mount kit**. Create video wall arrangements using the push and pull kit.
- **Setback Box-A PC module (SBB-A)**. Increase PC functionality with plug-and-play capabilities between a PC and a display.
- **MagicInfo™ video wall software**. Create content and provide ultra definition quality on up to 250 displays.

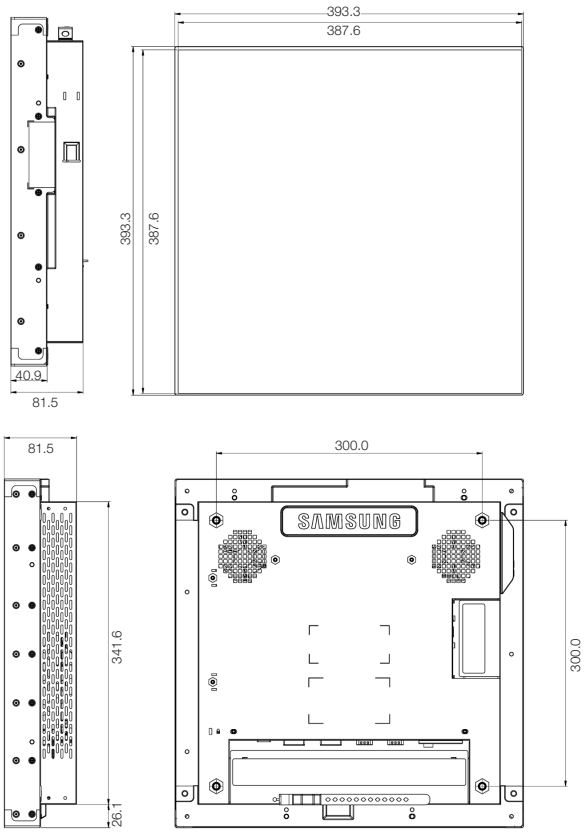


Figure 1. Samsung UD22B schematic

Specifications

Model		UD22B
Panel	Diagonal size	21.6 in.
	Type	S-PVA
	Light source	LED
	Resolution	960 x 960 (1:1)
	Pixel pitch (H x W)	0.13mm x 0.13mm
	Active display area (H x W)	387.36 mm x 387.36 mm (15.25 in. x 15.25 in.)
	Brightness (Typ.)	450 cd/m²
	Contrast ratio	4,000:1
	Viewing angle (H/V)	178/178
	Response time (G-to-G)	8 ms
	Display color	8 bit - 16.7 M
	Color gamut	72%

Specifications, continued

Model			UD22B
Display	Dynamic C/R		9,000:1
	H-scanning frequency		30 kHz - 81 kHz
	V-scanning frequency		48 Hz - 75 Hz
	Maximum pixel frequency		148 MHz
Connectivity (TBD)	Input	RGB	DVI-D, DP
		Video	HDMI
		Audio	Stereo mini-jack
	Output	RGB	DVI-D (loop-out)
		Video	–
		Audio	Stereo mini-jack
		Power out	–
	External control		RJ45 (in), RS-232C (out)
	External sensor		Attached
Power	Type		Internal
	Power supply		AC 100 - 240 V (+/- 10%), 50/60 Hz
	Power consumption	Max (W/h)	TBD
		Sleep mode	Less than 1 W
Mechanical	Dimension		393.3mm x 393.3mm x 81.5mm
	Weight		6.5kg
	VESA mount		300 mm x 300 mm (11.8 in. x 11.8 in.)
	Protection glass		–
	Stand type		–
	Media play option type		SBB-A
	Bezel width		1.8 mm x 3.7 mm (0.071 in. x 0.15 in.)
Operation	Operating temperature		0°C (32°F) - 40°C (104°F)
	Humidity		10 - 80%
Features	Key		Square type SNB
	Special		Square ratio, super narrow bezel, SBB-A, digital daisy chains, lamp error detection, anti-image retention, RS-232C/RJ45 MDC, video wall (up to 10 x 10), button lock and Smart Scheduling