



SPECIFICATION

SAMSUNG

VM55B-U

55.0" - FHD

Version: 1.0

Date: 23.05.2023

Note: This specification is subject to change without prior notice

Panel

Diagonal Size	55
Type	IPS
Resolution	1920*1080 (Full HD)
Pixel Pitch(mm)	0.63x0.63 mm
Active Display Area(mm)	1209.6(H) x 680.4(V)
Brightness(Typ.)	500 nit
Contrast Ratio	1200:1
Viewing Angle(H/V)	178/178
Response Time(G-to-G)	N/A
Color Gamut	72%
Operation Hour	24/7
Haze	25%

Connectivity

Input	
Video	HDMI 2.0 (2) /DVI-D, Display Port 1.2
Audio	Stereo mini Jack
USB	USB 2.0 x 1
Output	
Video	DP1.2(Loop-out)
Audio	Stereo mini Jack
External Control	RS232C(in/out), RJ45 in

Power

Power Supply	AC 100 - 240 V, 50/60 Hz
Power Consumption	
Max[W/h]	220
Typical[W/h]	165
Sleep mode	less than 0.5W

Mechanical Specification

Dimension (mm)	
Set	1213.5 x 684.3 x 73.13 mm
Package	1398 x 844 x 257 mm
Weight (kg)	
Set	19.4 kg
Package	27.6 kg
VESA Mount (mm)	600 x 400
Bezel Width (mm)	2.25mm(U/L), 1.25mm(R/B)

Operation

Operating Temperature	0 °C ~ 40 °C	Humidity	10 % ~ 80 %
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Feature

Key Features	Ultra Narrow Bezel
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Orientation		Landscape / Portrait
Remote Control		N/A
Special Features		H/W : Temperature Sensor, Video Wall Daisy Chain(10X10), DP 1.2 Digital Daisy Chain(Supporting UHD Resolution, HDCP support), Clock Battery(168hrs Clock Keeping) // S/W : Auto Source Switching & Recovery, RS232C/RJ45 MDC, Button Lock, Smart F/W update
Internal Player	Processor	N/A
	On-Chip Cache Memory	N/A
	Clock Speed	N/A
	Main Memory Interface	N/A
	Graphics	N/A
	Storage (FDM)	N/A
	Multimedia	N/A
	IO Ports	N/A
Operating System	N/A	

Certification

Safety	60950-1
EMC	Class A
IP Rating	IP5x

Accessory

Included	Quick Setup Guide, Warranty Card, Power Cord, RS232C(IN) Gender (Stereo to DB-9), Remote Controller + Batteries, DP cable
Optional	
Stand	N/A
Mount	WMN-55VD
Specialty	N/A

Media Player

Media Player	N/A
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