

Samsung WM55B interactive whiteboard 139.7 cm (55") 3840 x 2160 pixels Touch screen Grey, White

Brand : Samsung

Product code: LH55WMBWBGCXEN

Product name : WM55B



55", 4K UHD (3840 x 2160), 350 cd/ m2, 178/178, Tizen 6.5, 72%, 4000:1, 594 Mhz, 100-240V, 50/60Hz, 1297.4 x 768.2 x 59.9 mm

Samsung WM55B. Display diagonal: 139.7 cm (55"), Display brightness: 350 cd/m², Display resolution: 3840 x 2160 pixels. Operating system installed: Tizen, User memory: 32 GB. Product colour: Grey, White, VESA mounting interfaces: 400 x 400 mm, Frame material: Plastic. Operating hours (hours/days): 16/7. Power consumption: 154 W, Power consumption (standby): 0.5 W, AC input voltage: 100-240 V



Display		Ports & interfaces	
Display diagonal *	139.7 cm (55")	HDMI version	2.0
Display brightness	350 cd/m²	DisplayPort version	1.2
Display resolution	3840 x 2160 pixels	DisplayPorts quantity	1
HD type	4K Ultra HD	Ethernet LAN (RJ-45) ports quantity	1
Panel type	VA	Audio output	1
Native aspect ratio	16:9	RS-232 port	1
Contrast ratio (typical)	4000:1	Ergonomics	
Response time	8 ms	Product colour	Grey, White
Display brightness (min)	220 cd/m²	VESA mounting	✓
Touch screen *	✓	VESA mounting interfaces	400 x 400 mm
Touch technology	Multi-touch	Frame material	Plastic
Touch screen type	Infrared	Certification	Class A FCC (USA) Part 15, Subpart B KCC/EK (Korea) Tuner : KN32 / KN35 Tunerless : KN32 / KN35 CE (Europe) EN55032 : 2012 or 2015 EN55024:2010 or EN 55035:2017 VCCI (Japan) VCCI CISPR32 :2016 CCC(China) GB/T9254-2008 GB17625.1-2012 BSMI (Taiwan) CNS13438 (ITE EMI) CNS14336-1 (ITE Safety) CNS15663 (RoHS) C-Tick (Australia) AS/NZS CISPR32:2015 GOST(Russia/CIS) ROCT CISPR 24-2013 ROCT CISPR 22:2005
Number of simultaneous touchpoints	20		
Touch system response time	26 ms		
Viewing angle, horizontal	178°		
Viewing angle, vertical	178°		
Pixel pitch	0.315 x 0.315 mm		
Color gamut	72%		
Display scan frequency (horizontal)	30 - 81 kHz		
Vertical scan range	48 - 75 Hz		
Haze rate	2%		
Computer system		Performance	
Operating system installed	Tizen	Operating hours (hours/days)	16/7
Operating system version	6.5	Energy Management	
Built-in processor	✓	Power consumption	154 W
User memory	32 GB	Power consumption (standby)	0.5 W
Audio		AC input voltage	100-240 V
Built-in speakers *	✓	AC input frequency	50/60 Hz
Network		Operational Conditions	
Wi-Fi	✓	Operating temperature range (T-T)	0 - 40 °C
Bluetooth	✓	Operating relative humidity range	10 - 80%
Ethernet LAN connection	✓	Weight & Dimensions	
Ports & interfaces		Width *	1297.4 mm
HDCP	✓	Depth	59.9 mm
HDCP version	2.2	Height *	768.2 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	3	Weight	28.6 kg

Ports & interfaces		Weight & Dimensions	
HDMI ports quantity	2	Bezel width	2.62 cm
USB Type-C ports quantity	1	Packaging Data	
		Package width	1464 mm
		Package depth	190 mm
		Package height	915 mm
		Package weight	35.9 kg

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