SAMSUNG

Samsung VM55B-U LED Indoor

Brand : Samsung

Product name : VM55B-U

Product code: LH55VMBUBGBXEN

Samsung VM55B-U. Display diagonal: 139.7 cm (55"), Display resolution: 1920 x 1080 pixels, Display technology: LED, Display brightness: 500 cd/m², HD type: Full HD, Operating hours (hours/days): 24/7. Product colour: Black

Display

Display technology *	LED
Display diagonal	139.7 cm (55")
Display resolution	1920 x 1080 pixels
HD type	Full HD
Panel type	IPS
Pixel pitch *	0.63 x 0.63 mm
Display brightness *	500 cd/m²
Contrast ratio (typical)	1200:1
Contrast ratio (dynamic)	45000:1
Response time	0.008 s
Viewing angle, horizontal	178°
Viewing angle, vertical	178°
Horizontal scan range	62.7 - 72.3 kHz
Vertical scan range	57 - 63 Hz
Haze rate	25%
Colour gamut	72%
Operating hours (hours/days)	24/7

Design

Placement supported *	Indoor
Orientation *	Landscape/Portrait
Bezel width (top)	2.25 mm
Bezel width (bottom)	1.25 mm
Wall mountable	✓
VESA mounting	✓
Panel mounting interface	600 x 400 mm
Product colour	Black

Ports & interfaces

HDMI ports quantity	2
HDMI input ports quantity	2
HDMI version	2.0
DVI port	✓
DVI-D ports quantity	1
DisplayPorts quantity	1
DisplayPorts in	1
DisplayPort version	1.2
Ethernet LAN	✓
Ethernet LAN (RJ-45) ports	1

Ports & interfaces

RS-232 input ports	1
RS-232 output ports	1
USB port	✓
USB ports quantity	1
HDCP	✓
HDCP version	2.2
IR input ports quantity	1
Audio input	✓
Audio output	✓

Power

Power consumption (typical) *	220 W
Power consumption (standby)	0.5 W
Energy efficiency class (SDR)	G
Energy consumption (SDR) per 1000 hours	165 kWh
AC input voltage	100 - 240 V
AC input frequency	50 - 60 Hz

Operational conditions

Operating temperature (T-T)	0 - 40 °C
Storage temperature (T-T)	10 - 90 °C

Sustainability

Certification	FCC (USA) Part 15, Subpart B Class ACE (Europe) : EN55032 : 2012 or 2015 ? EN55024:2010 or EN 55035:2017VCCI (Japan) : VCCI CISPR32:2016 Class BKCC/EK (Korea) : Tuner : KN13 / KN20Tunerless : KN22 / KN24BSMI (Taiwan) : CNS13438 (ITE EMI) Class A / CNS14

Weight & dimensions

Width	1213.5 mm
Depth	73.1 mm
Height	684.3 mm
Weight	21.2 kg

Packaging data

Mounting kit	✓
Package width	1398 mm
Package depth	257 mm

Packaging data

Package height	844 mm
Package weight	28.8 kg

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