SAMSUNG

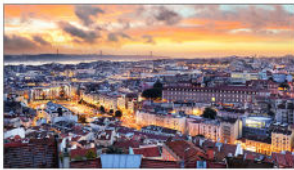# Samsung VH55C-E LCD Indoor

Brand : Samsung

Product family: VHC-E

Product code:
LH55VHCEBGBXEN

Product name : VH55C-E

Samsung VH55C-E. Display diagonal: 139.7 cm (55"), Display resolution: 1920 x 1080 pixels, Display technology: LCD, Display brightness: 700 cd/m², HD type: Full HD, Operating hours (hours/days): 24/7. Product colour: Black

Display

Display technology *	LCD
Display diagonal	139.7 cm (55")
Display resolution	1920 x 1080 pixels
HD type	Full HD
Panel type	IPS
Aspect ratio	16:9
Pixel pitch *	0.63 x 0.63 mm
Display brightness *	700 cd/m²
Pixel frequency	78 MHz
Contrast ratio (typical)	1000:1
Contrast ratio (dynamic)	140000:1
Response time	0.008 s
Viewing angle, horizontal	178°
Viewing angle, vertical	178°
Horizontal scan range	57.3 - 70 kHz
Vertical scan range	47 - 63 Hz
Haze rate	28%
Colour gamut	72%
Operating hours (hours/days)	24/7
Display diagonal (metric)	138 cm

Design

Placement supported *	Indoor
Orientation *	Landscape/Portrait
Bezel colour	Black
Wall mountable	✔
VESA mounting	✔
Panel mounting interface	600 x 400 mm
Product colour	Black

Ports & interfaces

HDMI ports quantity	2
HDMI version	2.0
DVI port	✔
DVI-D ports quantity	1
DisplayPorts quantity	1

Ports & interfaces

HDCP version	2.2
IR input ports quantity	1
Audio input	✔
Audio output	✔
Video out	Yes

Power

Power consumption (typical) *	250 W
Power consumption (sleep)	0.5 W
Energy efficiency scale	A to G
Energy efficiency class (SDR)	G
Energy consumption (SDR) per 1000 hours	145 kWh
AC input voltage	100 - 240 V
AC input frequency	50/60 Hz

Operational conditions

Operating temperature (T-T)	0 - 40 °C
Operating relative humidity (H-H)	10 - 90%

Technical details

Compliance certificates	CB, Federal Communications Commission (FCC)

Sustainability

Sustainability compliance	✔

Ports & interfaces

DisplayPort version	1.2
Ethernet LAN	✔
Ethernet LAN (RJ-45) ports	1
RS-232 input ports	1
RS-232 output ports	1
USB port	✔
HDCP	✔

Sustainability

Certification	FCC (USA) Part 15, Subpart B Class B CE (Europe) : EN 55032:2015+A11:2020 / EN 55035:2017+A11:2020 / EN IEC 61000-3-2:2019 / EN 61000-3-3:2013+A1:2019 VCCI (Japan) : VCCI-CISPR32 : 2015 KC (Korea) : KS C 9832 / KS C 9835 RCM (Australia/ Newzealand) : AS/N CB (Europe) : IEC62368-1/EN62368-1 CCC (China) : GB 4943.1-2011 (Singapore) : PSB+IEC62368-1NOM (Mexico) : Tunerless : NOM-019-SCFI-1998IRAM (Argentina) : IRAM+IEC62368-1 SIRC (Saudi Arabia) : SASO+IEC62368-1 BIS (India) : IEC60950-1 / IS13252KC (Kore

Weight & dimensions

Width	1212.2 mm
Depth	70.4 mm
Height	683 mm
Weight	19.5 kg

Packaging data

Package width	1398 mm
Package depth	257 mm
Package height	844 mm
Package weight	27.1 kg

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