

## Samsung VM46B-U LCD Indoor

**Brand :** Samsung

**Product family:** VMB-U

**Product code:**  
LH46VMBUBGBXEN

**Product name :** VM46B-U



46", IPS FHD (1920 x 1080), 1200:1, 8 ms, 45000:1, 24/7, HDMI, USB, LAN, 1022 x 577 x 69.9 mm  
Samsung VM46B-U. Display diagonal: 116.8 cm (46"), Display resolution: 1920 x 1080 pixels, Display technology: LCD, Display brightness: 500 cd/m<sup>2</sup>, HD type: Full HD, Operating hours (hours/days): 24/7.  
Product colour: Black

Display		Ports & interfaces		
Display technology *	LCD	USB ports quantity	1	
Display diagonal	116.8 cm (46")	HDCP	✓	
Display resolution	1920 x 1080 pixels	HDCP version	2.2	
HD type	Full HD	IR input ports quantity	1	
Panel type	IPS	Audio input	✓	
Aspect ratio	16:9	Audio output	✓	
Pixel pitch *	0.53 x 0.53 mm			
Display brightness *	500 cd/m <sup>2</sup>	Power		
Pixel frequency	82 MHz	Power consumption (typical) *	160 W	
Contrast ratio (typical)	1200:1	Energy efficiency scale	A to G	
Contrast ratio (dynamic)	45000:1	Energy efficiency class (SDR)	G	
Response time	0.008 s	Energy consumption (SDR) per 1000 hours	128 kWh	
Viewing angle, horizontal	178°	AC input voltage	100 - 240 V	
Viewing angle, vertical	178°	AC input frequency	50 - 60 Hz	
Horizontal scan range	62.7 - 72.3 kHz	Operational conditions		
Vertical scan range	57 - 63 Hz	Operating temperature (T-T)	0 - 40 °C	
Operating hours (hours/days)	24/7	Operating relative humidity (H-H)	10 - 90%	
Design		Logistics data		
Placement supported *	Indoor	Harmonized System (HS) code	85285210	
Orientation *	Landscape/Portrait	Sustainability		
Bezel width (side)	1.25 mm	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 / CNS14336-1 ( ITE Safety ) / CNS15663 (RoHS)C-Tick (Australia) : AS/NZS CISPR32:2015CCC(China) :GB/T9254-2008, GB17625.1-2012GOST(Russia/CIS) : ROCT CISPR 24-2013/ROCT CISPR 22:2005		
Bezel width (top)	2.25 mm			
Bezel width (bottom)	2.25 mm			
VESA mounting	✓			
Panel mounting interface	600 x 400 mm			
Product colour	Black			
Panel colour	Black			
Ports & interfaces				Certification
HDMI ports quantity	2			
HDMI version	2.0			
DVI port	✓			
DisplayPorts quantity	1			
DisplayPort version	1.2			
Ethernet LAN	✓			
Ethernet LAN (RJ-45) ports	1			
RS-232 input ports	1			
RS-232 output ports	1			
RS-232C	✓			
USB port	✓			
Weight & dimensions		Width	1022 mm	
		Depth	69.9 mm	
		Height	577 mm	
		Weight	15.7 kg	

**Packaging data**

Package width	1193 mm
Package depth	257 mm
Package height	719 mm
Package weight	22.2 kg



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