## 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 $^2$ , HD type: Full HD, Operating hours (hours/days): 24/7. Product colour: Black

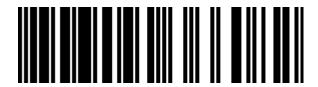




Display		Ports & interfaces	
Display technology * LCD Display diagonal 116.8 cm (46") Display resolution 1920 x 1080 pixels HD type Full HD Panel type IPS Aspect ratio 16:9	USB ports quantity HDCP HDCP version IR input ports quantity Audio input Audio output	1 ✓ 2.2 1 ✓	
Pixel pitch *	0.53 x 0.53 mm	Power	
Display brightness * 500 cd/m²  Pixel frequency 82 MHz  Contrast ratio (typical) 1200:1  Contrast ratio (dynamic) 45000:1  Response time 0.008 s  Viewing angle, horizontal 178°  Viewing angle, vertical 178°	Power consumption (typical) * Energy efficiency scale Energy efficiency class (SDR) Energy consumption (SDR) per 100 hours AC input voltage AC input frequency	160 W A to G G 0 128 kWh 100 - 240 V 50 - 60 Hz	
Horizontal scan range	62.7 - 72.3 kHz	Operational conditions	
Vertical scan range Operating hours (hours/days)	57 - 63 Hz 24/7	Operating temperature (T-T) Operating relative humidity (H-H)	0 - 40 °C 10 - 90%
Design		Logistics data	
Placement supported * Orientation *	Indoor Landscape/Portrait	Harmonized System (HS) code	85285210
Bezel width (side)	1.25 mm	Sustainability	
Bezel width (top) Bezel width (bottom) VESA mounting Panel mounting interface Product colour Panel colour	2.25 mm 2.25 mm  ✓ 600 x 400 mm  Black Black	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 / 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
Ports & interfaces			
HDMI ports quantity HDMI version DVI port DisplayPorts quantity	2 2.0 • 1		
DisplayPort version	1.2	Weight & dimensions	
Ethernet LAN Ethernet LAN (RJ-45) ports RS-232 input ports RS-232 output ports RS-232C USB port	1 1 1 1	Width Depth Height Weight	1022 mm 69.9 mm 577 mm 15.7 kg
RS-232C USB port	<b>*</b>	Weight	15./ kg

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



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