

## Samsung 46" UD46E-B LED Display



### Panel

Diagonal Size	46
Type	D-LED DID
Resolution	1920*1080 (Full HD)
Pixel Pitch(mm)	0.53025mm(H)*0.53025mm(V)
Active Display Area(mm)	1018.08mm*572.67mm
Brightness(Typ.)	500 nit
Contrast Ratio	3500:01:00
Viewing Angle(H/V)	178/178
Response Time(G-to-G)	8ms
Display Colors	8 bit - 16.7M
Color Gamut	72%
Haze	44%

### Display

Dynamic C/R	10,000:1	H-Scanning Frequency	30kHz ~ 81kHz
V-Scanning Frequency	48Hz ~ 75Hz	Maximum Pixel Frequency	148.5MHz

### Display

Speaker Type	N/A
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### Connectivity

Input	RGB	Analog D-SUB, DVI-D, Display Port 1.2
	Video	HDMI1,HDMI2
	HDCP	HDCP 2.2
	Audio	Stereo mini Jack
	Usb	Only F/W upgrade
Output	RGB	DP1.2(Loop-out)
	Video	N/A
	Audio	Stereo mini Jack
	Power Out	N/A

<b>External Control</b>	RS232C(in/out), RJ45
<b>External Sensor</b>	Detachable type(IR, Ambient)
<b>Tuner</b>	No

## Power

<b>Type</b>	Internal
<b>Power Supply</b>	AC 100 - 240 V~ (+/- 10 %), 50/60 Hz
<b>Power Consumption</b>	
<b>Max[W/h]</b>	143
<b>Typical[W/h]</b>	87
<b>BTU(Max)</b>	488
<b>Sleep mode</b>	less than 0.5W
<b>Off mode</b>	less than 0.5W

## Mechanical Specification

<b>Dimension (mm)</b>	<b>Set</b>	1022.1 X 576.6 X 97.4
	<b>Package</b>	1160 x 715 x 280
<b>Weight (kg)</b>	<b>Set</b>	16.2Kg
	<b>Package</b>	22.6kg
<b>VESA Mount (mm)</b>		600 * 400 (mm)
<b>Mounting Hole</b>		N/A
<b>Protection Glass</b>		N/A
<b>Stand Type</b>		N/A
<b>Media Player Option Type</b>		SBB-C/DA/DI (Slide In)
<b>Bezel Width (mm)</b>		2.3mm(U/L), 1.2mm(R/B)

## Operation

<b>Recommended Usage Hours</b>	24/7		
<b>Operating Temperature</b>	0.0 °C ~ 40.0 °C	<b>Humidity</b>	10.0 % ~ 80.0 %

## Feature

<b>Key Features</b>		Ultra Narrow Bezel
<b>Special Features</b>		ACM Support(Advanced Color Management), Auto Source Switching & Recovery, Haze 44%, Temperature Sensor, RS232C/RJ45 MDC, Plug and Play (DDC2B), Video Wall(15x15(OSD)), Video Wall Daisy Chain(10x10), Pivot Display, Image Rotation, Button Lock, DP 1.2 Digital Daisy Chain(Supporting UHD Resolution, HDCP support), Smart F/W update, Clock Battery(80hrs Clock Keeping)
<b>Internal Player</b>	<b>Processor</b>	N/A
	<b>On-Chip Cache Memory</b>	N/A
	<b>Clock Speed</b>	N/A
	<b>Main Memory Interface</b>	N/A
	<b>Graphics</b>	N/A
	<b>Storage (FDM)</b>	N/A
	<b>Multimedia</b>	N/A
	<b>IO Ports</b>	N/A
<b>Operating System</b>		N/A

## Certification

<b>Safety</b>	UL (USA) : UL 60950-1 CSA (Canada) : CSA C22.2 No. 60950-1 TUV (Germany) : EN60950-1 NEMKO (Norway) : EN60950-1 KC (Korea) : K60950-1 CCC (China) : GB4943.1-2011 PSB (Singapore) : IEC60950-1 GOST (Russia) : IEC60950-1, EN55022 SIQ (Slovenia) : IEC60950-1, EN55022 PCBC (Poland) : IEC60590-1, EN55022 NOM (Mexico) : NOM-019-SCFI-1993 IRAM (Argentina) : IEC60950-1 SASO (Saudi Arabia) : IEC60950-1
<b>EMC</b>	FCC (USA) FCC Part 15, Subpart B class A CE (Europe) EN55022, EN55024 VCCI (Japan) V-3 (CISPR22) KCC (Korea) :KN22, KN24 BSMI (Taiwan) : CNS13438 (CISPR22) C-Tick (Australia) : AS/NZS3548 (CISPR22) CCC(China) :GB9254-2008, GB17625.1-2012

## Accessory

<b>Included</b>	Quick Setup Guide, Warranty Card, DP cable, stereo to DB9 cable, Power Cord, Remote Controller, Batteries,	
<b>Optional</b>	<b>Stand</b>	N/A
	<b>Mount</b>	WMN-46VD
	<b>Specialty</b>	MID-UD46DS

## Media Player

<b>Media Player</b>	SBB(Slide In/Optional), Signage player box(Optional)
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