



Powerful and sharp visual communication

Samsung UD-C Series delivers sharp, bright, impactful messages with ultra high-definition resolution and easy content sharing across multiple devices. Factory tuned with advanced color calibration, enjoy optimal uniformity and impressive image quality.

BENEFITS

- Advanced Color Management lets you fine-tune images to your unique specifications
- Easy to create and display material with Samsung Smart Signage Platform
- Low power consumption with d-LED
- Connect up to 100 displays with Display Port 1.2

Model		UD46C
Panel	Diagonal Size	46"
	Type	D-LED DID
	Resolution	1920x1080
	Pixel Pitch (mm)	0.53025 mm (H)x0.53025 mm (V)
	Active Display Area (mm)	1018.08 mmx572.67 mm
	Brightness	Max 700 cd/m2
	Contrast Ratio	3500:1
	Viewing Angle (H/V)	178:178
	Response Time (G-to-G)	8 ms
	Display Colors	16.7 M
	Color Gamut	69%
Display	Dynamic C/R	10.000:1
	H-Scanning Frequency	30 kHz~81 kHz
	V-Scanning Frequency	48Hz~75 Hz
	Maximum Pixel Frequency	148.5 MHz
Connectivity	Input RGB	Analog D-SUB, DVI-D, Display Port 1.2
	Input video	HDMI1,HDMI2, Component (CVBS Common)
	Input audio	Stereo mini Jack
	Output RGB	DP1.2 (Loop-out)
	Output video	N/A
	Output audio	Stereo mini Jack
	Output Power Out	N/A
	External control	RS232C(in/out), RJ45
	External sensor	Detachable type (IR, Ambient)
Power	Type	Internal
	Supply	AC 100 – 240 V~ (+/- 10 %), 50/60 Hz
	Consumption Max [W/h]	165
	Consumption Typical [W/h]	120
	Consumption BTU (Max)	563
	Consumption Sleep mode	less than 0.5 W
	Consumption Off mode	less than 0.5 W
Mechanical specification	Set Dimension (mm)	1023.8 mmx578.4 mmx96.0 mm
	Package Dimension	1255.0 mmx798.0 mmx355.0 mm
	Set Weight (kg)	18.0 Kg
	Package Weight (kg)	35.0 Kg
	VESA Mount	600x400 mm
	Protection Glass	N/A
	Stand Type	N/A
	Media Player Option Type	Embbded, SBB-C (Slide In)
	Bezel Width (mm)	3.7 mm(U/L), 1.8 mm (R/B)
Operation	Operating Temperature	0° C ~ 40° C
	Humidity	10~80 %
Feature	Key	Super Narrow Bezel
	Special	ACM Support (Advanced Color Management), Magic Clone (to USB), Auto Source Switching & Recovery, Lamp Error Detection, Anti Retention (Haze 44%), Temperature Sensor, RS232C/RJ45 MDC,Plug and Play (DDC2B), PIP/PBP, Video Wall (10x10), Pivot Display, Image Rotation, Button Lock, DP 1.2 Digital Daisy Chain (Supporting 2x2 UHD Resolution, HDCP Support), Smart Scheduling, Smart F/W update, Clock Battery(80hrs Clock Keeping) Built In MagicInfo(Lite, Premium-S, Videowall-S)

Internal Player (Embedded H/W)	Processor	Cortex-A9 1G Hz Dual Core CPU
	On-Chip Cache Memory	L1 (I/D): 32 KB/32 KB, L2 (Unified): 512 KB
	Clock Speed	1 GHz CPU Dual
	Main Memory Interface	1 GB, Dual 32 bit DDR3-667 (1333 MHz)
	Graphics	2D & 3D Graphics Engine - Up to 1920x1080, 32 bpp - Supports Open GL ES
	Storage (FDM)	8 GB (2 GB Occupied by O/S, 6 GB Available,)
	Multimedia	Video Decoder - MPEG-1/2, H.264/AVC (Dual) - VC-1, JPEG, PNG Audio DSP (Decoder) - AC3 (DD), MPEG, DTS and etc.
	Host Bus	TBD
	IO Ports	USB 2.0
	Operating System	Linux
Certification	Safety	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): GB 4943-2001 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
		EMC
		FCC (USA): FCC Part 15, Subpart B class B 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): GB 9254-2008, GB 17625.1-2003
		Environment
		ENERGY STAR 6.0 (USA)
		Accessories
		Included
		Quick Setup Guide, Warranty Card, Application CD, D-Sub cable, Power Cord, Remote Controller, Batteries,
		Optional Stand
		N/A
		Optional Mount
		WMN-4675MD
		Optional Specialty
		MID-UD46FS
Media Player	CPU	SBB-C Type
	N/B	SBB-C Type
	S/B	SBB-C Type
	GPU	SBB-C Type
	FDM/HDD	SBB-C Type
	Memory	SBB-C Type
	Ethernet	SBB-C Type
	Connectivity USB	SBB-C Type
	Connectivity Output	SBB-C Type
	Connectivity Others	SBB-C Type