

## Panel

<b>Diagonal Size</b>	55
<b>Type</b>	D-LED DID
<b>Resolution</b>	1920*1080 (Full HD)
<b>Pixel Pitch(mm)</b>	0.63mm(H) * 0.63mm(V)
<b>Active Display Area(mm)</b>	1209.6 * 680.4mm
<b>Brightness(Typ.)</b>	500 nit
<b>Contrast Ratio</b>	4000:1
<b>Viewing Angle(H/V)</b>	178/178
<b>Response Time(G-to-G)</b>	8ms
<b>Display Colors</b>	8 bit - 16.7M
<b>Color Gamut</b>	72%
<b>Operation Hour</b>	24/7
<b>Haze</b>	44%

## Display

<b>Dynamic C/R</b>	MEGA DCR
<b>H-Scanning Frequency</b>	30kHz ~ 81kHz
<b>V-Scanning Frequency</b>	48Hz ~ 75Hz
<b>Maximum Pixel Frequency</b>	148.5MHz

## Connectivity

Input	
<b>RGB</b>	Analog D-SUB, DVI-D, Display Port 1.2
<b>Video</b>	HDMI1,HDMI2
<b>HDCP</b>	HDCP 2.2
<b>Audio</b>	Stereo mini Jack
<b>USB</b>	Only F/W upgrade
Output	
<b>RGB</b>	DP1.2(Loop-out)
<b>Audio</b>	Stereo mini Jack
<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
Power Consumption	
<b>Max[W/h]</b>	198

Typical[W/h]	136
BTU(Max)	675
Sleep mode	less than 0.5W
Off mode	less than 0.5W

## Mechanical Specification

Dimension (mm)	
Set	1213.5 X 684.3 X 96.6
Package	1355 X 809 X 320
Dimension (mm)	
Set	21.5kg
Package	29kg
VESA Mount (mm)	600 * 400 (mm)
Media Player Option Type	SBB-C/DA/DI (Slide In)
Bezel Width (mm)	2.3mm(U/L), 1.2mm(R/B)

## Operation

Operating Temperature	0.0 °C ~ 40.0 °C	Humidity	10.0 % ~ 80.0 %
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## Feature

Key Features	Ultra Narrow Bezel	
Special Features	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)	
Internal Player	Processor	N/A
	On-Chip Cache Memory	N/A
	Clock Speed	N/A
	Main Memory Interface	N/A
	Graphics	N/A
	Storage (FDM)	N/A
	Multimedia	N/A
	IO Ports	N/A
Operating System	N/A	

## Certification

	UL (USA) : UL 60950-1 CSA (Canada) : CSA C22.2 No. 60950-1 TUV (Germany) : EN60950-1 NEMKO (Norway)
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<b>Safety</b>	: 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-55VD
<b>Specialty</b>	MID-UD55DS

## Media Player

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