

## Panel

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Diagonal Size  
75"

Type  
S-PVA

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Resolution  
1920\*1080 (Full HD)

Pixel Pitch(mm)  
N/A

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Active Display Area(mm)  
1650.24(H) x 928.26(V)

Brightness(Typ.)  
2500 nit

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Contrast Ratio  
5000:1

Viewing Angle(H/V)  
178/178

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Response Time(G-to-G)  
6ms

Display Colors  
8 bit - 16.7M

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Color Gamut  
72%

Haze  
0%

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## Display

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Dynamic C/R  
N/A

H-Scanning Frequency  
30 ~ 81kHz

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V-Scanning Frequency  
48 ~ 75Hz

Maximum Pixel Frequency  
148.5Mhz

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## Sound

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Speaker Type  
N/A

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## Connectivity

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Input

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**RGB**  
Analog D-SUB, DVI-D, Display  
Port 1.2

**Video**  
HDMI1, HDMI2,  
Component(CVBS Common)

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**Audio**  
Stereo Mini Jack

**Usb**  
USB 2.0 x 1

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#### Output

**RGB**  
DP1.2(Loop-out)

**Video**  
N/A

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**Audio**  
Stereo Mini Jack

**Power Out**  
N/A

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**External Control**  
RS232C (In/Out), RJ45

**External Sensor**  
Detachable Type (IR, Ambient)

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**Tuner**  
No

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## Power

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**Type**  
Internal

**Power Supply**  
AC 100 - 240 V~ (+/- 10 %),  
50/60 Hz

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#### Power Consumption

**Max[W/h]**  
935.0

**Typical[W/h]**  
542 (KR,EN) / 548 (NA)

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**BTU(Max)**  
3188.35

**Sleep mode**  
less than 0.5W (KR,EN) / less  
than 0.3W (NA)

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**Off mode**  
less than 0.5W (KR,EN) / less  
than 0.3W (NA)

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## Mechanical Specification

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**Dimension (mm)**

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**Set**  
1,675.8 x 953.8 x 123.1mm

**Package**  
1,815 x 1,075 x 415 mm

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**Weight (kg)**

**Set**  
42.2kg

**Package**  
54.2kg

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**VESA Mount (mm)**  
900 x 600 mm

**Protection Glass**  
N/A

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**Stand Type**  
N/A

**Media Player Option Type**  
Embedded, SIM (Slide in  
Module )

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**Bezel Width (mm)**  
11.7 / 11.7 / 11.7 / 11.7

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## Operation

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**Recommended Usage Hours**  
24/7

**Operating Temperature omd**  
0°C~ 30°C (Direct Sunlight),  
0°C~ 50°C (w/o Direct Sunlight),  
0°C~ 50°C (Direct Sunlight in  
Cooling System w/o SBB)

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**Humidity**  
10.0 % ~ 80.0 %

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## Feature

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### Key Features

Extremely High Brightness, Outdoor Kit Solution Built-in MagicInfo  
Player S2, SSSP 2.0

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### Special Features

Plug and Play, MagicInfo S2, Slide in Module, Digital Daisy  
Chains(100ea), Lamp Error Detection, Anti Image Retention,  
Temperature Sensor, RS232C/RJ45 MDC, PIP/PBP, Video  
Wall(15x15), Portrait Installation Support, Button Lock, Smart  
Scheduling, WiFi Embedded, Sunglasses Viewable

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**Internal Player**

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**Processor**

Cortex-A9 1GHz Quad Core  
CPU

**On-Chip Cache Memory**

L1 (I/D) : 32KB / 32KB L2  
(Unified) : 1MB

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**Clock Speed**

1GHz CPU Quad

**Main Memory Interface**

1.5GB Dual 48bit DDR3-933  
(1866MHz)

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**Graphics**

2D & 3D Graphics Engine - Up  
to 1920x1080. 32bpp - Supports  
OpenGL ES

**Storage (FDM)**

8GB (2GB Occupied by O/S,  
6GB Available, )

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**Multimedia**

Video Decoder - MPEG-1/2,  
H.264/AVC (Dual) - VC-1,  
JPEG, PNG,VP8 Audio DSP  
(Decoder) - AC3 (DD), MPEG,  
DTS and etc.

**IO Ports**

USB 2.0

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**Operating System**

Samsung Proprietary  
OS(VDLinux)

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## Certification

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**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) : 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-1998 IRAM  
(Argentina) : IEC60950-1 SASO (Saudi Arabia) : IEC60950-1

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**EMC**

FCC (USA) : 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

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**Environment**

N/A

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## Accessory

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## Included

External IR/Brightness Sensor, Quick Setup Guide, Regulatory Guide, Warranty Card, D-Sub cable, Power Cord, Remote Controller, Batteries

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## Optional

Stand

N/A

Mount

N/A

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## Specialty

N/A

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## Media Player

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Media Player

Media Player

SBB (Slide in Module/Optional)

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