

Panel

Diagonal Size
75"

Type
S-PVA

Resolution
1920*1080 (Full HD)

Pixel Pitch(mm)
N/A

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

Brightness(Typ.)
2500 nit

Contrast Ratio
5000:1

Viewing Angle(H/V)
178/178

Response Time(G-to-G)
6ms

Display Colors
8 bit - 16.7M

Color Gamut
72%

Haze
N/A

Display

Dynamic C/R
N/A

H-Scanning Frequency
30 ~ 81kHz

V-Scanning Frequency
48 ~ 75Hz

Maximum Pixel Frequency
148.5Mhz

Sound

Speaker Type
Built in Speaker (10W + 10W)

Connectivity

Input

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

Video
HDMI1, HDMI2,
Component(CVBS Common)

Audio
Stereo Mini Jack

Usb
USB 2.0 x 1

Output

RGB
DP1.2(Loop-out)

Video
N/A

Audio
Stereo Mini Jack

Power Out
N/A

External Control
RS232C (In/Out), RJ45

External Sensor
Detachable Type (IR, Ambient)

Tuner
No

Power

Type
Internal

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

Power Consumption

Max[W/h]
935.0

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

BTU(Max)
3188.35

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

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

Mechanical Specification

Dimension (mm)

Set
1,675.8 x 953.8 x 124.6 mm

Package
1,815 x 1,075 x 415 mm

Weight (kg)

Set
48.0kg

Package
60.0 kg

VESA Mount (mm)
900 x 600 mm

Protection Glass
N/A

Stand Type
N/A

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

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

Operation

Recommended Usage Hours
24/7

Operating Temperature
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)

Humidity
10.0 % ~ 80.0 %

Feature

Key Features

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

Special Features

Plug and Play, MagicInfo S2, Slide in Module, Digital Daisy
Chains(100ea), Built in Speakers, 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

Internal Player

Processor

Cortex-A9 1GHz Quad Core
CPU

On-Chip Cache Memory

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

Clock Speed

1GHz CPU Quad

Main Memory Interface

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

Graphics

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

Storage (FDM)

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

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

Operating System

Samsung Proprietary
OS(VDLinux)

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) : 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

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

Environment

N/A

Accessory

Included

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

Optional

Stand

N/A

Mount

N/A

Specialty

N/A

Media Player

Media Player

Media Player

SBB (Slide in Module/Optional)
