

Panel

Diagonal Size	37	Type	60Hz E-LED BLU
Resolution	1920*540	Pixel Pitch(mm)	0.4686(H) x 0.4686(V)
Active Display Area(mm)	899.712(H) x 253.044(V)	Brightness(Typ.)	700 nit
Contrast Ratio	4000:01:00	Viewing Angle(H/V)	178:178
Response Time(G-to-G)	16ms	Display Colors	8bit - 16.7M
Color Gamut	72%	Haze	44%

Display

Dynamic C/R	TBD	H-Scanning Frequency	54 ~ 69.75kHz
V-Scanning Frequency	48 ~ 62HZ	Maximum Pixel Frequency	148.5MHz

Display

Speaker Type	N/A
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Connectivity

Input	RGB	DVI-I, Display Port 1.2
	Video	HDMI
	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) thru Stereo mini Jack, RJ45
External Sensor		IR
Tuner		No

Power

Type	Internal	
Power Supply	AC 100 - 240 V~ (+/- 10 %), 50/60 Hz	
Power Consumption	Max[W/h]	TBD
	Typical[W/h]	TBD
	BTU(Max)	TBD
	Sleep mode	TBD
	Off mode	TBD

Mechanical Specification

Dimension (mm)	Set	915.8 x 281.1 x 39.9
	Package	1102 X 122 X 369
Weight (kg)	Set	6.6
	Package	8.5kg
VESA Mount (mm)		400 X 200
Protection Glass		N/A
Stand Type		Foot Stand (Optional)
Media Player Option Type		N/A
Bezel Width (mm)		5.7 (Side), 12 (Top/Bottom)

Operation

Recommended Usage Hours	24-lug		
Operating Temperature	101 ~ 40.0	Humidity	10.0 % ~ 80.0 %

Feature

Key Features		Slim & Light LFD with Built-in MagicInfo Player S3, SSSP 3.0
Special Features		N/A
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	<p>CB (Europe) : IEC60950-1/EN60950-1 CCC (China) : GB4943.1-2011 PSB (Singapore) : PSB+IEC60950-1 NOM (Mexico) : NOM-001-SCFI-1993 IRAM (Argentina) : IRAM+IEC60950-1 SASO (Saudi Arabia) : SASO+IEC60950-1 BIS(India) : IEC60950-1 / IS13252 NOM(Mexico) : Tuner : NOM-001-SCFI-1993 Tunerless : NOM-019-SCFI-1998 KC(Korea) : K 60950-1 EAC(Russia) : EAC+IEC60950-1 INMETRO(Brazil) : INMETRO+IEC60950-1 BSMI(Taiwan) : BSMI+IEC60950-1 RCM(Australia) : IEC60950-1/AS/NZS 60950-1 UL(USA) : cUL60950-1 CSA (Canada) : cUL TUV (Germany) : CE NEMKO (Norway) : CE</p>
EMC	<p>FCC (USA) Part 15, Subpart B Class A CE (Europe) : EN55022:2006+A1:2007 EN55024:1998+A1:2001+A2:2003 VCCI (Japan) : VCCI V-3 /2010.04 Class A KCC/EK (Korea) : Tuner : KN13 / KN20 Tunerless : KN22 / KN24 BSMI (Taiwan) : CNS13438 (ITE EMI) Class A / CNS13439 (AV EMI) / CNS14409 (AV EMS) / CNS14972 (Digital) C-Tick (Australia) : AS/NZS CISPR22:2009 CCC(China) :GB9254-2008 GB17625.1-2012 GOST(Russia/CIS) : GOST R 51317 Series, GOST 22505-97 EN55022:2006+A1:2007 EN55024:1998+A1:2001+A2:2003</p>
Environment	N/A

Accessory

Included	<p>QSG, Warranty Card, Regulatory Guide, Power Cord, Batteries, Remote Control, RS232C(IN) adaptor, Screw, External remote control sensor, Cover-Jack</p>	
Optional	Stand	N/A
	Mount	N/A
	Specialty	N/A

Media Player

Media Player	SBB(Not attachable)
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