

### Panel

Diagonal Size	55
Type	LED BLU
Resolution	1920*1080 (Full HD)
Pixel Pitch(mm)	0.63mm(H) X 0.63mm(V)
Active Display Area(mm)	1209.60(H) x 680.40(V)
Brightness(Typ.)	2500 nit
Contrast Ratio	4000:01:00
Viewing Angle(H/V)	178/178
Response Time(G-to-G)	8ms
Display Colors	8 bit - 16.7M
Color Gamut	72%
Haze	0%

### Display

Dynamic C/R	100,000:1	H-Scanning Frequency	30 ~ 81 kHz
V-Scanning Frequency	48 ~ 75 Hz	Maximum Pixel Frequency	148.5 MHz

### Display

Speaker Type	N/A
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### Connectivity

Input	RGB	N/A
	Video	HDMI 1.4 (2), HDBaseT(LAN Common)
	HDCP	HDCP 2.2
	Audio	N/A
	Usb	USB (1)
Output	RGB	N/A
	Video	N/A
	Audio	Stereo Mini Jack
	Power Out	N/A
External Control		RS232C (In/Out), RJ45(In/Out), HDBaseT
External Sensor		N/A
Tuner		N/A

### Power

Type	Internal
Power Supply	AC 100 - 240 V~ (+/- 10 %), 50/60 Hz
Power Consumption	
Max[W/h]	450

Typical[W/h]	W/W(EU) 267 US/KOR/Etc. 410 ※ Etc: CHINA, TAIWAN, BRA, CIS
BTU(Max)	1,536
Sleep mode	Less than 0.5W
Off mode	Less than 0.5W

### Mechanical Specification

Dimension (mm)	Set	1260.6 X 731.4 X 85.0
	Package	1358 x 845 x 230
Weight (kg)	Set	46.1 kg
	Package	52.6 kg
VESA Mount (mm)		N/A
Mounting Hole		1186 x 560 (Basic) 1200 x 400 (VESA Bracket Option)
Protection Glass		Yes (5T Tempered Glass)
Stand Type		N/A
Media Player Option Type		N/A
Bezel Width (mm)		24.9 / 24.9 / 24.9 / 24.9 mm

### Operation

Recommended Usage Hours	24-Jul		
Operating Temperature	-30.0 °C ~ 50.0 °C	Humidity	%

### Feature

Key Features	Power-box Integrated, IP56 Outdoor, Built-in MagicInfo Player S4, SSSP 4.0	
Special Features	IP56 Certified for Simple Enclosure Outdoor, Protection Glass(IK-10 Level, Anti Graffiti, Infrared Reduce), Polarized Sun Glasses Viewable in any direction, HD Base T for Long Distance Installalling, Portrait /Landscape Installation Support, Lamp Error Detection, Auto Brightness Control with Ambient Brightness Sensor, Temperature Sensor, RJ45 MDC, Auto Source Switching & Recovery, Clock Battery(80hrs Clock Keeping),	
	Processor	Cortex-A12 1.3GHz Quad Core CPU
	On-Chip Cache Memory	L1 (I/D) : 32KB / 32KB L2 (Unified) : 1MB
	Clock Speed	1.3GHz CPU Quad
	Main Memory Interface	2.5GB 3 channel 96bit DDR3-933 (1866MHz)
Graphics	2D & 3D Graphics Engine - Up to 3840x2160p. 32bpp - Supports OpenGL ES	

<b>Internal Player</b>	<b>Storage (FDM)</b>	8GB (3.75GB Occupied by O/S, 4.25GB Available, )
	<b>Multimedia</b>	Video Decoder - MPEG-1/2/4, H.263, H.264/AVC, UHD H.264/AVC - VC-1, AVS+, HEVC, JPEG, PNG, VP8, VP9 Audio DSP (Decoder) - AC3 (DD), MPEG, DTS and etc.
	<b>IO Ports</b>	USB 2.0
	<b>Operating System</b>	Tizen 2.4 (VDLinux)

### Certification

<b>Safety</b>	<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) : 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</p>
<b>EMC</b>	<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) : KN22 / 24 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</p>

### Accessory

<b>Included</b>		Quick Setup Guide, Regulatory Guide, Warranty Card, Power Cord, Remote
<b>Optional</b>	<b>Stand</b>	N/A
	<b>Mount</b>	N/A
	<b>Specialty</b>	N/A

### Media Player

Media Player	N/A
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## Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

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