



SAMSUNG

SPECIFICATION

OH55A

55.0" - FHD

Version: 1.0

Date: 03.05.2022

Note: This specification is subject to change without prior notice

Panel

Diagonal Size	55
Type	120Hz E-LED BLU
Resolution	1920*1080 (Full HD)
Pixel Pitch(mm)	0.630 x 0.630
Active Display Area(mm)	1209.60(H) x 680.40(V)
Brightness(Typ.)	3500(peak 4,000) nit
Contrast Ratio	5000:1
Viewing Angle(H/V)	178/178
Response Time(G-to-G)	8ms
Display Colors	8 bit - 16.7M
Color Gamut	72%
Operation Hour	24/7
Haze	0%

Display

Dynamic C/R	100,000:1
H-Scanning Frequency	26~136kHz(HDMI)
V-Scanning Frequency	24~75Hz(HDMI)
Maximum Pixel Frequency	594MHz

Connectivity

Input	
Video	HDMI 2.0 (2), HDBaseT(LAN Common)
HDCP	HDCP 2.2
USB	USB (1)
Output	
Audio	Stereo Mini Jack
External Control	RS232C (In/Out), RJ45(In/Out), HDBaseT

Power

Type	Internal
Power Supply	AC 100 - 240 V, 50/60 Hz
Power Consumption	
Max[W/h]	530
Typical[W/h]	EU 274, US 159
BTU(Max)	1809
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 mm
Package	1358 x 845 x 230 mm
Weight (kg)	
Set	46.1 kg
Package	52.6 kg

Protection Glass	Yes (5T Tempered Glass)
Bezel Width (mm)	24.9 / 24.9 / 24.9 / 24.9 mm

Operation

Operating Temperature	-30 °C ~ 50 °C	Humidity	10 % ~ 100 %
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Feature

Key Features	Power-box Integrated, IP56 Outdoor, Built-in MagicInfo Player S6, SSSP 6.0	
Orientation	Landscape / Portrait	
Remote Control	N/A	
Special Features	IP56 Rated 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), Kensington Lock	
Internal Player	Processor	Cortex A72 1.7GHz Quad-Core CPU
	On-Chip Cache Memory	L1 Instruction Cache : 48KB / L1 Data Cache : 32KB / L2 Cache : 2MB
	Clock Speed	1.7GHz
	Main Memory Interface	2.5GB / LPDDR4 1.5GHz 64bit
	Graphics	Graphic resolution : 1920x1080 / Output resolution : 1920x1080 - Supports OpenGL ES
	Storage (FDM)	8GB (3.88GB Occupied by O/S, 4.12GB Available)
	Multimedia	Video Decoder : MPEG-1/2/4, H.263, H.264/AVC, UHD H.264/AVC / VC-1, AVS+, HEVC, JPEG, PNG, VP8, VP9 Audio Decoder : AC3 (DD), MPEG
	IO Ports	USB 2.0
Operating System	Tizen 4.0 (VDLinux)	

Certification

Safety	60950-1
EMC	Class A
IP Rating	IP56

Accessory

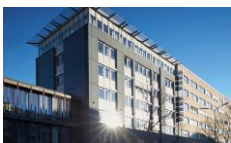
Included	Quick Setup Guide, Regulatory Guide, Warranty Card, Power Cord, Remote Controller, Batteries
Optional	
Stand	N/A
Mount	N/A
Specialty	N/A

Media Player

Media Player	N/A
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