



**SAMSUNG**

# SPECIFICATION

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**QH55B**

55.0" - UHD

Version: 1.0

Date: 03.05.2022

Note: This specification is subject to change without prior notice

## Panel

Diagonal Size	55
Type	VA
Resolution	3840x2160(16:9)
Pixel Pitch(mm)	0.315 x 0.315
Active Display Area(mm)	1209.6(H) x 680.4(V)
Brightness(Typ.)	700 nit
Contrast Ratio	4000:1
Viewing Angle(H/V)	N/A
Response Time(G-to-G)	N/A
Color Gamut	92% (DCI-P3, CIE 1976)
Operation Hour	24/7
Haze	Non-Glare

## Sound

Speaker Type	10W 2ch
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## Connectivity

Input	
Video	DP 1.2 (1), HDMI 2.0 (3)
HDCP	HDCP2.2
USB	USB 2.0 x 2
Output	
Audio	Stereo mini Jack
External Control	RS232C(in/out), RJ45
BT/WiFi	Yes

## Power

Power Supply	AC 100 - 240 V, 50/60 Hz
Power Consumption	
Max[W/h]	160.0
Typical[W/h]	115.0
Sleep mode	less than 0.5W

## Mechanical Specification

Dimension (mm)	
Set	1235.1 x 707.9 x 46.3
Package	1402 x 858 x 163
Weight (kg)	
Set	19.2
Package	24.7
VESA Mount (mm)	200 X 200
Bezel Width (mm)	9.2mm(U/L/R), 11.2mm(B)

## Operation

Operating Temperature	0 °C ~ 40 °C	Humidity	10.0 % ~ 80.0 %
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## Feature

<b>Key Features</b>	N/A	
<b>Orientation</b>	Landscape / Portrait	
<b>Remote Control</b>	N/A	
<b>Special Features</b>	H/W : Symmetric Design (same with QxR) Center IR Temperature Sensor Auto Level Wi-Fi(2.4/5.0GHz dual) & BT S/W : Workspace (Microsoft365/VMWare/RDP) Custom Home Auto Source Switching & Recovery Dicom Simulation Mode Director Mode SmartView+(PC [end of march~] Upgradable Web-Engine Tizen Enterprise Platform Smart Calibration SmartView+(mobile) Video Conference Solution	
<b>Internal Player</b>	<b>Processor</b>	Cortex A72 1.7GHz Quad-Core CPU
	<b>On-Chip Cache Memory</b>	N/A
	<b>Clock Speed</b>	N/A
	<b>Main Memory Interface</b>	N/A
	<b>Graphics</b>	N/A
	<b>Storage (FDM)</b>	16 GB
	<b>Multimedia</b>	N/A
	<b>IO Ports</b>	N/A
<b>Operating System</b>	Tizen 6.5	

### Certification

<b>Safety</b>	60950-1 / 62368-1
<b>EMC</b>	Class B
<b>Security</b>	802.1x(WPA2 Enterprise) : EAP-TLS, EAP-TTLS, EAP-PEAP

### Accessory

<b>Included</b>	Quick Setup Guide, Warranty Card, Power Cord RS232C(IN) Gender Remote Controller & Batteries
<b>Optional</b>	
<b>Stand</b>	STN-L4355G
<b>Mount</b>	WMN4070SG (Land Only)WMN750ME
<b>Specialty</b>	CML400XR

### Media Player

<b>Media Player</b>	N/A
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