



SAMSUNG

SPECIFICATION

QH50B

50.0"

Version: 1.0

Date: 03.05.2022

Note: This specification is subject to change without prior notice

Panel

Diagonal Size	50
Type	VA
Resolution	N/A
Pixel Pitch(mm)	0.285 x 0.285
Active Display Area(mm)	1095.84(H) x 616.41(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]	176.0
Typical[W/h]	106.0
Sleep mode	less than 0.5W

Mechanical Specification

Dimension (mm)	
Set	1121.4 x 643.9 x 46.3
Package	1269 x 784 x 152
Weight (kg)	
Set	14.5
Package	18.7
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

Key Features	N/A	
Orientation	Landscape / Portrait	
Remote Control	N/A	
Special Features	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	
Internal Player	Processor	Cortex A72 1.7GHz Quad-Core CPU
	On-Chip Cache Memory	N/A
	Clock Speed	N/A
	Main Memory Interface	N/A
	Graphics	N/A
	Storage (FDM)	16 GB
	Multimedia	N/A
	IO Ports	N/A
Operating System	Tizen 6.5	

Certification

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

Accessory

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

Media Player

Media Player	N/A
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