

Specifications

	Series	Resolution	Connectivity
	LS	4K (3,840 x 2,160)	4
	Anti Reflection		
	Matte Display		
Product Type	QLED		
Series	LS		
Display	Screen Size	Refresh Rate	
	55"	120Hz	
	Diagonal Screen Size	Resolution	
	54.6"	4K (3,840 x 2,160)	
	Anti Reflection		
	Matte Display		
Video	Picture Engine	HDR (High Dynamic Range)	
	Quantum Processor 4K	Quantum HDR	
	AI Upscale	Compatible with HDR 10+	
	Picture Upscale - Yes	Yes (ADAPTIVE/ GAMING)	
	HLG (Hybrid Log Gamma)	Contrast	
	Yes	Dual LED	
	Colour	Viewing Angle	
	100% Color Volume	Wide Viewing Angle	
	Micro Dimming	Contrast Enhancer	
	Supreme UHD Dimming	Real Depth Enhancer	

Film Mode Yes	Smart Calibration Basic
Filmmaker Mode (FMM) Yes	

Audio

Active Voice Amplifier Yes	Adaptive Sound Adaptive Sound Pro
Object Tracking Sound OTS	Q-Symphony Yes
Sound Output (RMS) 40W	Speaker Type 2.0.2CH
Multiroom Link No	Bluetooth Audio Yes
Dolby Atmos Yes	Buds Auto Switch Yes

Smart Service

Operating System Tizen™ Smart TV	Bixby Yes
Samsung TV Plus Yes	Web Browser Yes
Works with AI Speaker Alexa, Google Assistant	SmartThings Hub / Matter Hub / IoT-Sensor Funtionality Yes
Samsung Health Yes	Media Home Yes

Smart Feature

Multi Device Experience TV to Mobile, Mobile to TV, TV initiate mirroring, Sound Mirroring, Tap View, Wireless TV On	Multi-View upto 2 videos
Ambient Mode Yes (In Art Mode)	NFT Nifty Gateway (App download required)

Game Feature

Auto Game Mode (ALLM)
Yes

Dynamic Black EQ
Yes

Super Ultra Wide Game View
Yes

FreeSync
FreeSync Premium

Gaming Hub
Yes (KR, US, CA, BR, GB, FR, DE, IT, ES, MX, AU)

Game Motion Plus
Yes

Surround Sound
Yes

Mini Map Zoom
Yes

HGiG
Yes

Tuner/Broadcasting

Digital Broadcasting
ATSC/Clear QAM

Analog Tuner
Yes

Connectivity

HDMI
4

HDMI (High Frame Rate)
4K 120Hz (for HDMI 4)

Digital Audio Out (Optical)
1

Ex-Link (RS-232C)
1

Bluetooth
Yes (BT5.2)

HDMI Audio Return Channel
eARC

USB
2 x USB-A

Ethernet (LAN)
1

RF In (Terrestrial / Cable input / Satellite input)
1/1(Common Use for Terrestrial)/0

Wi-Fi
Yes (WiFi5)

Anynet+ (HDMI-CEC)
Yes

One Connect Box
One Connect (Y22 4K)

Design

Design
Frame Design

Slim Type
Slim look

Stand
Simple

Bezel Type
VNB

Front Colour
Black

Stand Colour
Black

Additional Feature	9:16 Screen Support Yes (Need Auto Rotating Accessory, Compatible Model Only)	Art Mode (The Frame) Yes
	Motion Detection (Frame) Yes	EPG Yes
	ConnectShare™ Yes	IP Control Yes
	OSD Language English, Spanish, French	V-Chip Yes

Accessibility	Accessiblility - Voice Guide US English, Mexico Spanish, Canada French, Finnish, German, Greek, Hungarian, Italian, Norwegian, Polish, Portugal Portuguese, Romanian, Slovak, Swedish, Czech, Danish, Dutch, Korean	Low Vision Support Audio Subtitles (AU,KR,UK,US Only), Magnification, Audio Description, Zoom Menu and Text, High Contrast, SeeColors, Color Inversion, Grayscale, Picture Off
	Hearing Impaired Support Closed Caption (Subtitle), Multi-output Audio, Caption Position, Sign Language Zoom, Separate Closed Caption, Sign Language Guide	Motor Impaired Support Slow Button Repeat, Remote Control App. for All

Power & Eco Solution	Eco Sensor Yes	Power Supply AC110-120V~ 50/60Hz
	Power Consumption (Max) 170 W	Power Consumption (Stand-by) 0.5 W
	Power Consumption (Typical) 74 W	Auto Power Off Yes
	Auto Power Saving Yes	

Dimension	Package Size (WxHxD) 1405 x 846 x 185 mm	Set Size with Stand (WxHxD) 1237.9 x 743.4 x 227.8 mm
	Set Size without Stand (WxHxD) 1237.9 x 708.8 x 24.9 mm	Stand (Basic) (WxD) 897.2 x 227.8 mm
	VESA Spec 200 x 200 mm	

Weight	Package Weight 27.2 kg	Set Weight with Stand 17.3 kg
	Set Weight without Stand 16.9 kg	

Accessory	Remote Controller Model TM2361E	Slim Wall Mount Compatible Yes
	Optional Stand Compatible (Studio) Yes	Customizable Bezel Compatible Yes
	User Manual Yes	Auto-Rotation Accessory Compatible Yes
	Full Motion Slim Wall Mount Compatible (Y22) Yes	Power Cable Yes
	SlimFit Cam Compatible Yes	Zigbee / Thread Module Built-In
