

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	
	50"	60Hz	
	Diagonal Screen Size	Resolution	
	49.5"	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)	
	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 Lite	Q-Symphony Yes
Sound Output (RMS) 20W	Speaker Type 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	Universal Guide 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	Game Motion Plus Yes
	Dynamic Black EQ Yes	Surround Sound Yes
	Super Ultra Wide Game View Yes	Mini Map Zoom Yes
	HGiG Yes	Gaming Hub Yes (KR, US, CA, BR, GB, FR, DE, IT, ES, MX, AU)

Tuner/Broadcasting	Digital Broadcasting ATSC/Clear QAM	Analog Tuner Yes
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Connectivity	HDMI 4	USB 2 x USB-A
	Ethernet (LAN) 1	Digital Audio Out (Optical) 1
	RF In (Terrestrial / Cable input / Satellite input) 1/1(Common Use for Terrestrial)/0	Ex-Link (RS-232C) 1
	Wi-Fi Yes (WiFi5)	Bluetooth Yes (BT5.2)
	Anynet+ (HDMI-CEC) Yes	HDMI Audio Return Channel eARC
	One Connect Box One Connect (Y22 4K)	

Design	Design Frame Design	Bezel Type VNB
	Slim Type Slim look	Front Colour Black
	Stand Simple	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	Accessibility - 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) 120 W	Power Consumption (Stand-by) 0.5 W
	Power Consumption (Typical) 65 W	Auto Power Off Yes
	Auto Power Saving Yes	

Dimension	Package Size (WxHxD) 1251 x 775 x 174 mm	Set Size with Stand (WxHxD) 1124.1 x 679.2 x 227.8 mm
	Set Size without Stand (WxHxD) 1124.1 x 644.9 x 24.9 mm	Stand (Basic) (WxD) 757.4 x 227.8 mm
	VESA Spec 200 x 200 mm	

Weight	Package Weight 20.9 kg	Set Weight with Stand 12.2 kg
	Set Weight without Stand 11.8 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
