

TORNADO

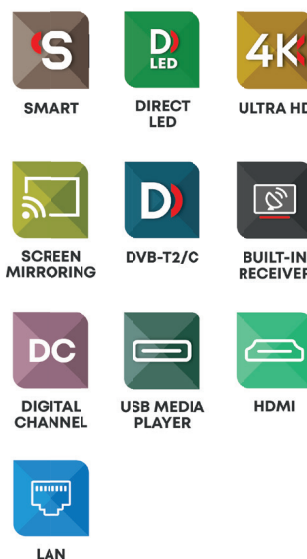
50US4301X

50" 4K Frameless WebOS Smart TV with Voice Remote

EAN 6221127467994

powered by **webOS** Hub

TELEVISION



- **Stunning 4K UHD Resolution** – 3840 × 2160 display with HDR10 + HLG support for enhanced realism and detail
- **Frameless Modern Design** – Slim edge-to-edge screen for a premium, immersive viewing experience
- **webOS 23 Smart Interface** – Quick, user-friendly access to Netflix, YouTube, Prime Video, WatchIt, and more
- **Voice-Enabled Remote Control** – IR + Bluetooth remote with built-in voice search for hands-free navigation
- **Dolby Digital Audio** – Powerful 2×10W speaker setup with balanced and immersive sound
- **Full Connectivity Options** – 3 HDMI 2.0, 2 USB, Bluetooth 5.0, LAN, Wi-Fi, optical out, AV, and headphone jack

The Tornado 50US4301X brings cinematic 4K clarity to your home with a 50-inch Ultra HD display in a sleek frameless design. With a resolution of 3840 × 2160 and support for HDR10 and HLG, it delivers rich contrast, vibrant color, and lifelike detail for all your content—whether streaming, gaming, or watching live TV.

Powered by webOS 23, the smart interface ensures smooth access to your favorite platforms like Netflix, YouTube, Prime Video, and WatchIt, with intuitive navigation and quick response. The TV comes equipped with Bluetooth 5.0 and an IR + Bluetooth voice remote, allowing you to search and control your TV with your voice for added convenience.

Audio is delivered through 2 × 10W speakers with Dolby Digital sound, offering a clear and immersive sound experience for movies, series, and music alike.

Designed for modern homes, the 50US4301X features 3 HDMI 2.0 ports, 2 USB ports, AV input, optical audio out, a headphone jack, built-in Wi-Fi, and LAN connection—ensuring all your devices are supported.

Slim and versatile, the TV supports wall mounting with a 200 × 200 mm VESA bracket and fits seamlessly into any room thanks to its refined black frameless finish.



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More information

GENERAL	
Model name	50US4301X 50" 4K Frameless WebOS Smart TV with Voice Remote
Model number	50US4301X
EAN/UPC	6221127467994
Product category	Television
Launch date	2024
Warranty	2 Years
DISPLAY	
Screen size diagonal (inch)	50"
Backlight type	Direct LED
Resolution	UHD
Pixel resolution (px)	3840 × 2160
Refresh rate native (Hz)	50/60
Refresh rate effective (MR/CMR)	-
HDR formats	HDR
Brightness typical (nits)	250 ± 15%
Contrast ratio typical	5000:1
Color Gamut DCI-P3 (%)	68 (NTSC)
Surface treatment anti-glare	Yes
Viewing angle (H/V)	178° / 178°
Response time GtG (ms)	6
Panel bit depth (bits)	8 + FRC
Peak brightness (nits)	250 ± 15%
VIDEO	
VRR support	-
ALLM (Auto Low Latency Mode)	-
Input lag game mode (ms)	6
Game bar / dashboard	-
Dolby vision gaming 4K120	-

AUDIO	
Speaker configuration	2.0
Speaker output power (W)	2 x 10
Subwoofer	-
Dolby digital plus	Yes
Dolby atmos	-
DTS:X	-
DTS studio sound	-
Object tracking sound / 360° audio	-
Bluetooth surround ready	-
Equalizer	Yes
Built-in mic for far-field	-
SMART	
Operating system	webOS 23
CPU / RAM (Quad-Core / GB)	CA75 × 2 + CA55 × 2 / 1.5
Internal storage (GB)	8
App store	App store
Software update OTA (Over The Air) / Service port (USB)	Yes / Yes
Voice assistants	-
Voice search	Yes
Wi-Fi standard	802.11ac
Bluetooth version	5.0
Chromecast	-
Wireless display	Yes
Wake on LAN / Wake on WLAN	Yes / Yes
AirPlay	Yes
Multi-view / PIP	-

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CONNECTIVITY	
HDMI ports	3
HDMI standard	HDMI 2.0
HDMI ARC	Yes
HDMI eARC	-
HDMI CEC (Anynet+/Simplink)	Yes
USB ports	2
USB standard	USB 2.0
Ethernet (LAN)	Yes
Optical digital audio (SPDIF)	Yes
Headphone jack	Yes
CI+ slot	Yes
RF In (terrestrial / cable)	Yes
Satellite in	Yes
TUNER	
Digital terrestrial (DVB-T2)	Yes
Digital cable (DVB-C)	Yes
Digital satellite (DVB-S2)	Yes
Analog tuner (PAL / NTSC)	Yes
No. of analog channels	100
No. of digital channels	3000
HEVC (H.265) decoder	Yes
CI+ version	V 1.4
ENERGY	
Energy efficiency class (SDR)	F
Power consumption SDR (W)	130
Power consumption HDR (W)	tbd
Annual energy consumption (kWh/1000h)	62.49
Standby power passive (W)	< 0.5
Standby power active (W)	< 2
Power supply	Internal
Power saving mode	Yes

PHYSICAL	
Bezel type	Frameless
Color finish	Black
Stand type	Wide
Stand width (mm)	305
Dimensions without stand W×H×D (mm)	1111 x 643 x 84
Dimensions with stand W×H×D (mm)	1111 x 700 x 305
Weight without stand (Kg)	7.95
Weight with stand (Kg)	8.22
VESA mount (mm)	200 x 200
COMPLIANCE	
CE mark	Yes
RoHS compliant	Yes
ERP/ecodesign compliant	Yes
EPREL registration	Yes
ACCESSORIES	
Included remote type	IR + Bluetooth remote control - Voice search
Batteries included	Yes
Stand / wall-mount kit	Stand
User manual	Yes