



powered by **webOS** Hub

55" UHD Smart TV

The 55UW02K is a 4K Ultra High Definition LED TV with exceptional multimedia functionality.



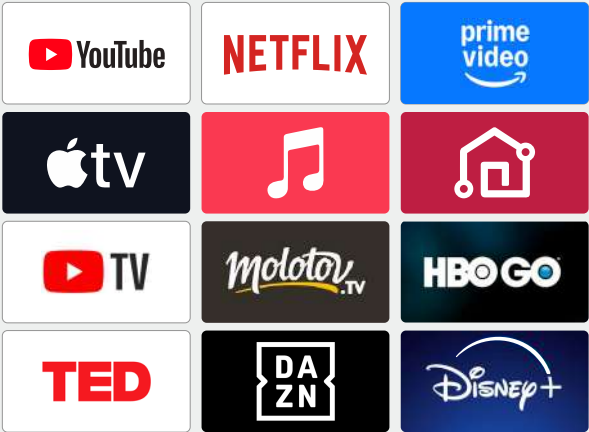
webOS Hub



A World of Premium Content

Smart TVs with webOS deliver what you want, when you want it, hassle-free. News, sports, entertainment, and more - it's all at your fingertips.

Rich library of apps can be downloaded from **App Store**



(*Apps availability could be different country by country)

Apple AirPlay

Experience Apple AirPlay in webOS Hub 2.0S powered TVs

Users can now stream movies, music, and photos from their iPhone, iPad, or Mac directly to their smart TV using AirPlay on webOS Hub 2.0S.



Apple HomeKit

Experience Apple Ecosystem Here and Now

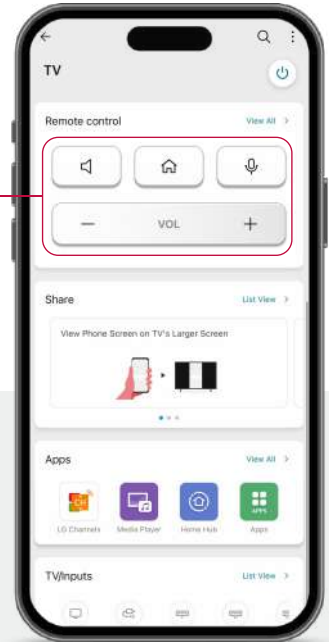
webOS Hub-powered TVs are compatible with Apple HomeKit technology, enabling users to control their TV using the Apple HomeKit app and Siri.

ThinQ App

New ThinQ App like portal page

Once the user installs LG ThinQ App on the smart phone, the app provides UX in the form of a portal that focuses on content sharing and instant app launching.

Simple Remote Control •



MEMC

Algorithm to overcome the motion blur effect. A 60Hz motion compensation technology (MEMC) detects movement patterns of the objects and apply interpolation between pixels, providing much more smooth video experience.



eARC

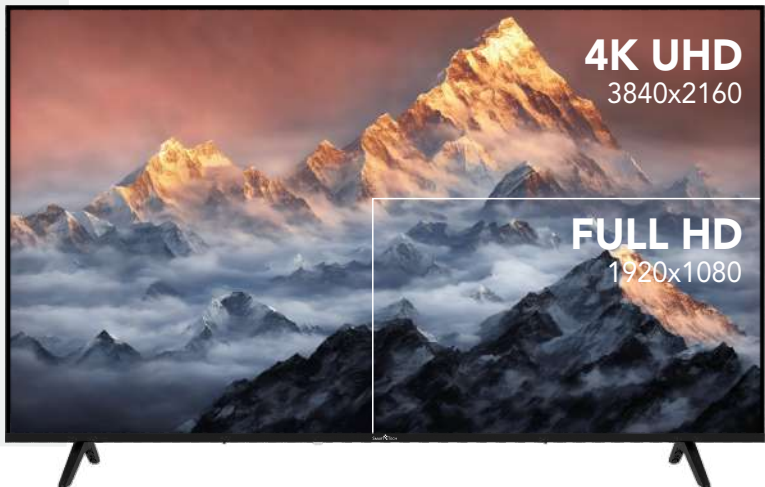
HDMI eARC can significantly increase bandwidth and speed. This allows you to send higher-quality audio from your TV to a soundbar or AV receiver.



BEZEL-LESS

With the introduction of a new generation optical bonding technology, SmartTech TV frames can be made slimmer. It allows a larger display area while maintaining a neat and contemporary design.

- Wider viewing angles up to 178 degrees
- Immersive viewing experience
- 1mm ultra-slim bezels



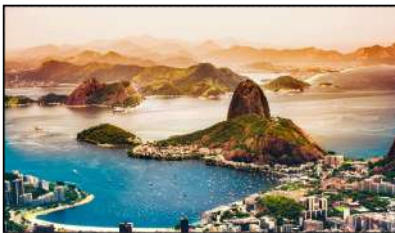
4K Ultra High Definition

There are 8.3 million pixels on your 4K UHD TV, which is 4 times more than FULL HD, Enjoy a new level of visuals.

Cuboid Speakers

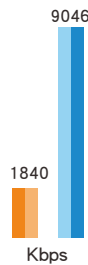
Providing cinematic viewing experience. The new speakers adopted larger drivers that elevate multiple audio experiences, including stronger bass and echo that could amplify your acoustic immersion.

H.265 HEVC



VS

H.264



H.265 HEVC

HEVC Advance™
Covered by patents at patentlist.accessadvance.com

H.265 High Efficiency Video Coding (HEVC) is an advanced video compressions standard, which offers much better picture quality in the same bit rate when compared to regular H.264 standard.



Dolby AUDIO

Amazing sound with Dolby Audio technology. With this technology the TV provides crystal clarity, easy-to-hear dialogue, greater detail, and realistic surround sound to make the entertainment you love even better.

CUBIC SPEAKERS

Providing cinematic viewing experience. The new speakers adopted larger drivers that elevate multiple audio experiences, including stronger bass and echo that could amplify your acoustic immersion.



POWERFUL PROCESSOR
HIGH CONFIGURATION

QUAD-CORE
CPU

TRIPLE-CORE
GPU

ARM cortex –CA75*2
+ CA55*2

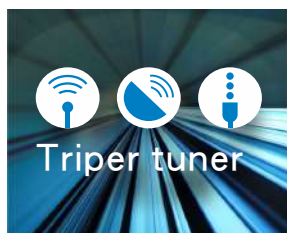
IMG BXE4 -High speed
↑ 50%

1.5G
DDR

Larger cache memory
for smooth operation

8G
ROM

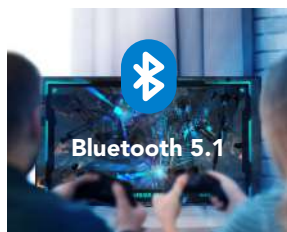
More storage for the
APPs you like



Triper tuner

DVB-T2/S2/C

Cable connection (DVB-C), satellite connection (DVB-S2) and terrestrial television (DVB-T2), it is ideally suited to any existing reception situation thanks to its standard integrated triple tuner and delivers the best possible TV picture depending on the reception type.



Bluetooth 5.1

BLUETOOTH

More convenient by Bluetooth connection to Remote control, earphone, soundbar, smartphone and other Bluetooth devices.



2.4G+5G WIFI

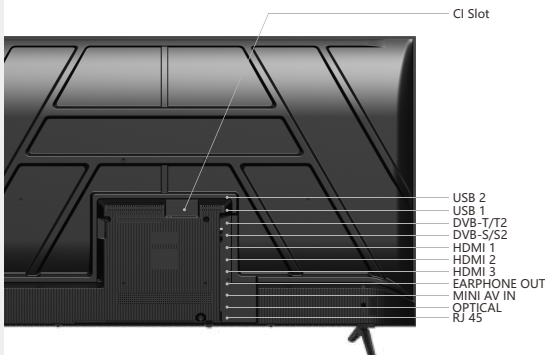
Enjoy the rapid and steady WiFi connection under the technology. No more trouble & lag during your movies and shows streaming.



**Metallic look feet
with stable standing**

Wall-mountable design

Mount it on the wall to perfectly blend
in the interior design.



Easy connection

Multi-function connectors on
one side, convenient operation

PICTURE

Display technology.....	D-LED
Screen size(inches/cm).....	55/139
Digonal screen size (inches/cm).....	55/139
Panel resolution.....	UHD
Resolution.....	3840*2160
Panel brightness in cd/m ²	260
Active motion.....	60HZ
Dynamic contrast.....	4000:1
Typ.response time in ms (GTG).....	6.5
Aspect ratio.....	16:9
Vision angles.....	178°*178°
HDR10 (High Dynamic Range).....	Yes
MEMC.....	Yes

SOUND

Music power output (watts).....	2x10W
Intergrated speakers.....	Yes
Dolby Digital Plus™.....	Yes
Sound system.....	ATV:BG, DK, I,NICAM/A2 DTV:MPEG-1 layer 1/2 MPEG-2 layer 2/AC3 Standard/Cinema/Clear voice/sport/ music
Sound settings.....	Standard/Cinema/Clear voice/sport/ music
Audio decoder.....	Digital amplifier
Equaliser.....	Yes(5 Modes)
Dolby Vision.....	No
Dolby Atmos.....	No

Tuner/Broadcasting

DTV Tuner.....	DVB-T/T2/C/S/S2
Video decoding.....	MPEG-2, MPEG-4, H.265.Main@L5.1- 1920*1080@60fps
Analogue tuner.....	IEC
Analogue tuner system.....	PAL, SECAM
CI+ slot.....	1.4
Electronic program guide (EPG).....	7*24 hours
Teletext.....	Yes
Auto channel serach.....	Yes
Channel edit.....	Yes
LCN.....	Yes

OPERATION

Child lock.....	Yes
Sleep timer.....	Yes
Top teletext.....	1000 pages
USB Video.....	MPG, AVI, TS, MOV, MKV, MP4, VOB,AVI,3PG,MPEG
USB Music.....	MP3,M4A,AAC
USB Photo.....	JPG, JPEG, BMP, PNG
USB software update.....	Yes
USB file system.....	FAT16/FAT32/NTFS
USB HID support.....	Yes
Hotel Mode.....	No
Store Mode.....	Yes

SMART FUNCTION

Processor.....	ARM cortex -CA75*2+CA55*2
Operation system.....	Web OS
HbbTV.....	Yes
Smart TV portal.....	Yes
LAN.....	Yes
WiFi.....	Yes
Bluetooth®.....	Yes
Pre-installed apps.....	Yes
DDR.....	1.5G
Internal memory.....	8G
Smartphone/ Tablet remote support.....	Yes
Wifi display(Miracast).....	ThinQ LG
DLNA.....	Yes
AirPlay.....	Yes
Voice control.....	No
Far field.....	No

CONNECTIVITY

HDMI.....	3
HDMI version.....	2.0
HDMI CEC.....	Yes
HDMI ARC.....	Yes
HDMI MHL.....	No
HDCP.....	2.2
USB 2.0.....	2
USB 3.0.....	0
CI+ slot.....	Yes
RF in (IEC Terrestrial/Cable).....	Yes
RF in (F sat).....	Yes
Scart.....	No
VGA.....	No
Composite/CVBS + Audio In.....	Yes
Mini AV in.....	Yes
Digital Audio Out.....	Optical
Headphone.....	Yes
Ethernet(LAN RJ-45).....	Yes
YPbPr.....	No

GENERAL DATA

Brand.....	SMART ⁺ TECH
Model.....	55UW02K
TV Color.....	High gloss black
Stand type&color.....	A1 Plastic black
Remote control model.....	WEB-2872
Battery type.....	R03 (carbon-zinc)
Power supply.....	AC 100-240V~ 50/60Hz
Standby mode/Off-mode Power consumption.....	Yes/≤0.5W
Networked standby mode power consumption.....	N/A
Energy class (EPREL SDR).....	E
Energy consumption kWh/1000h (SDR) *.....	63
Energy class (EPREL HDR).....	E
Energy consumption kWh/1000h (HDR) *.....	64
Annual energy consumption **.....	92kWh
Power consumption working (max.).....	110W
Peak Luminance Ratio.....	65%
Mercury content (mg).....	0
Contains lead (within the legally prescribed limit values).....	Yes
Net size with stand (W x H x D in mm).....	1225.3*754.7*310.2
Net size without stand (W x H x D in mm).....	1225.3*707.3*79.6
Carton size (W x H x D in mm).....	1325*825*126
Net weight (kg).....	8.72
Gross weight (kg).....	11.99
VESA standard (mm).....	200*300
EAN.....	5999862971083

*The ON-mode power consumption was messured in Eco-mode (factory settings)according to IEC 62087, Edition 2.

The power consumption stated upon the Identification label of the TV-set was determined with maximum settings of all parameters regarding picture brightness

**Annual energy consumptionr, based on the power consumption of the television operating ,4 hours per day for 365 days. The actual energy consumption will depend on how television is used.