SMART TECH

powered by webOS Hub

50" UHD Smart TV

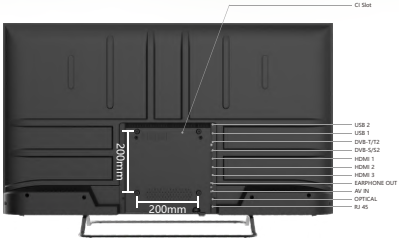
The 50UW02V is a 4K Ultra High Definition
LED TV with exceptional multimedia functionality.

691.4mm

1111.3mm

643.2mm

260mm



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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 froma 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, games, 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.

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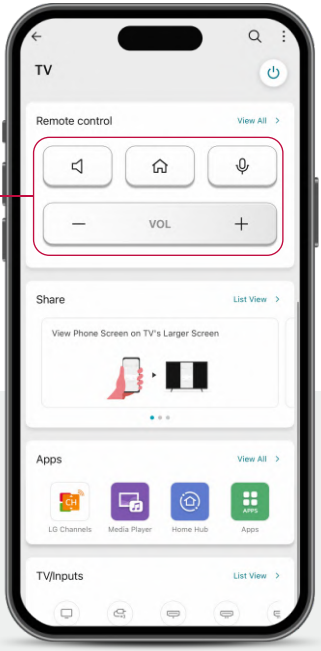
ThinQ App

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



LG ThinQ®

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.

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Supports 60fps 4K video and 32 channels of audio, HDMI2.0 not only brings stunning graphic performance and unmatched reality to your TV, but also the lossless audio 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.

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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.

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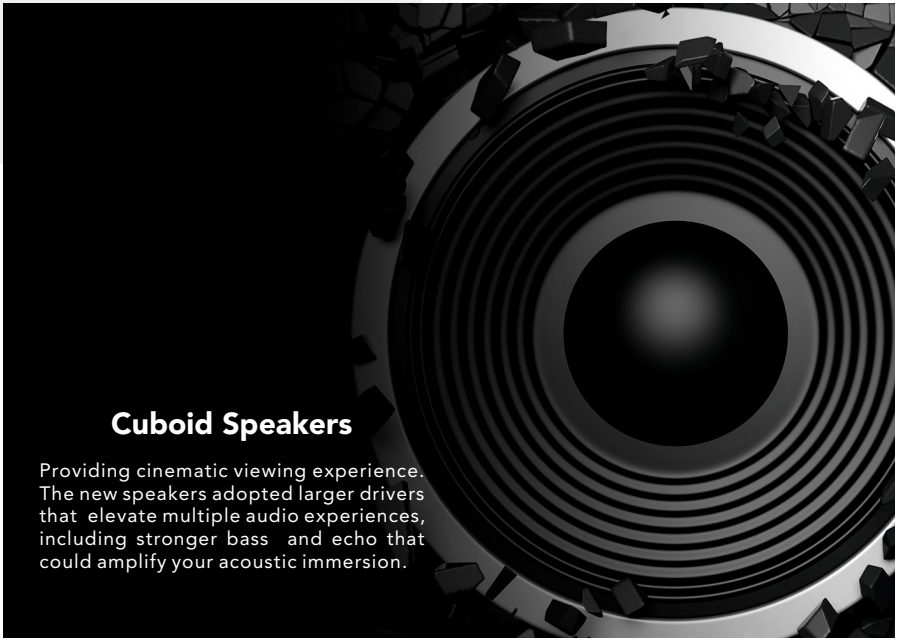
tivùsat 4K ULTRA HD

tivùsat is the Italian free to air satellite platform.

tivùsat was created to ensure that everyone has access to the free digital TV. By reaching all areas of the Italian territory, viewers can access all national DTT channels and a huge line up of national and international channels.



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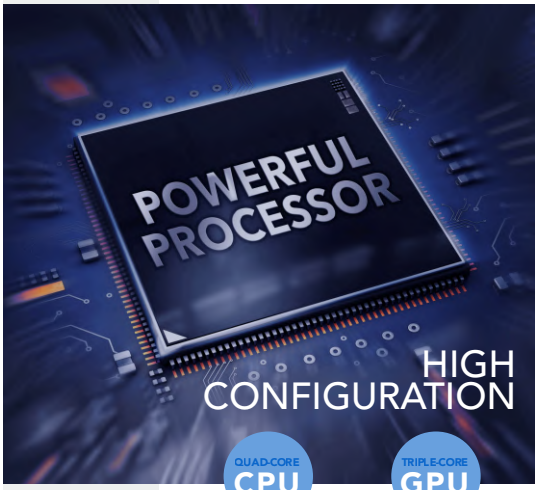
Dolby AUDIO

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.



QUAD-CORE CPU
ARM CA55 *4

TRIPLE-CORE GPU
Mali G31 MP2
50%

1.5G DDR
Larger cache memory for smooth operation

8G ROM
More storage for the APPs you like

DVB-T2/S2/C

Cable connection (DVB-C), satellite connection (DVB-S2) and terrestrial television (DVB-T2), it 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

More convenient by Bluetooth connenction 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.

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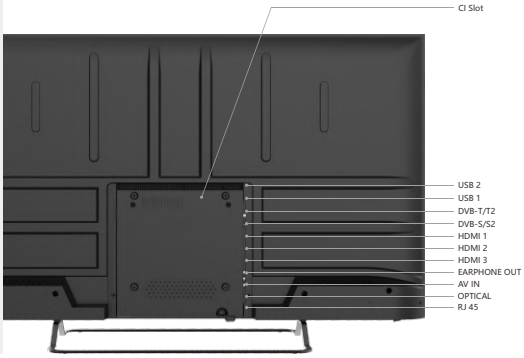
Elegant central U base

Stands safely on a smaller TV shelf, or flexibility places at any corners in the house.

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)	50/126
Digonal screen size (inches/cm)	50/126
Panel resolution	UHD
Resolution	3840*2160
Panel brigntness in cd/m²	260
Active motion	60HZ
Dynamic contrast	3000:1
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™	No
Sound system	ATV:BG, DK, I,NICAM/A2 DTV:MPEG-1 layer 1/2 MPEG-2 layer 2/AC3
Sound settings	Standard/Cinema/Clear voice/sport/ music
Audio decoder	AC-4
Equaliser	Yes(5 Modes)
Dolby Vision	No
Dolby Atoms	No

Tuner/Broadcasting

DTV Tuner	DVB-T/T2/C/S/S2
Video decodeing	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 CA55 *4
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	No
AirPlay	Yes
Voice control	Yes
Far field	No

CONNECTIVITY

HDMI	3
HDMI version	2.0
HDMI CEC	Yes
HDMI ARC	Yes
HDMI MHL	No
HDCP	1.4/2.2
USB 2.0	2
USB 3.0	0
CI+ slot	Yes
RF in (IEC Terrestial/Cable)	Yes
RF in (F sat)	Yes
Scart	No
VGA	No
Composite/CVBS + Audio In	No
Mini AV in	No
Digital Audio Out	Optical
Headphone	Yes
Ethernet(LAN RJ-45)	Yes
YPbPr	No

GENERAL DATA

Brand	SMART TECH
Model	50UW02V
TV Color	Matte black
Stand type&color	New U3 metal black
Remote control model	RC-W01R
Battery type	LR03
Power supply	AC 100-240V~ 50/60Hz
Standby mode/Off-mode Power consumption	Yes
Networked standby mode power consumption	No
Energy class (EPREL SDR)	E
Energy consumption kWh/1000h (SDR) *	53W
Energy class (EPREL HDR)	E
Energy consumption kWh/1000h (HDR) *	54W
Annual energy consumption **	77kWh
Power consumption working (max.)	100W
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)	1111.3*691.4*260
Net size without stand (W x H x D in mm)	1111.3*643.2*76.7
Carton size (W x H x D in mm)	1210*735*126
Net weight (kg)	9.10
Gross weight (kg)	11.90
VESA standard (mm)	200*200
EAN	5999862467357

*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.

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