SMART TECH
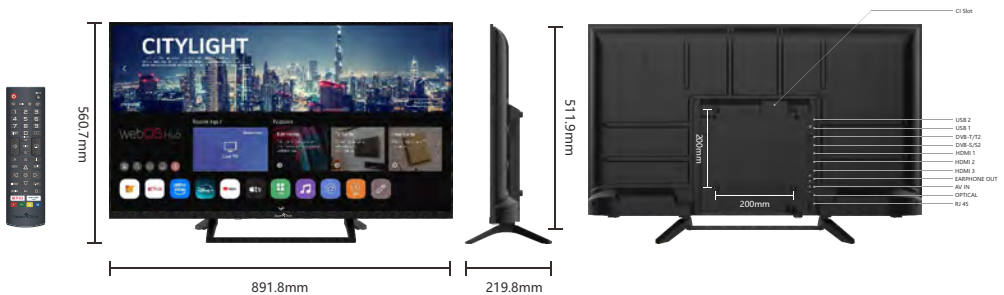
powered by **webOS** Hub

40" FHD Smart TV

**The 40FW01V1 is a FHD LED TV
with exceptional multimedia functionality.**

560.7mm

511.9mm

891.8mm

219.8mm

200mm

200mm

CI Slot

USB 2
USB 1
DVB-T/T2
DVB-S/S2
HDMI 1
HDMI 2
HDMI 3
EARPHONE OUT
AV IN
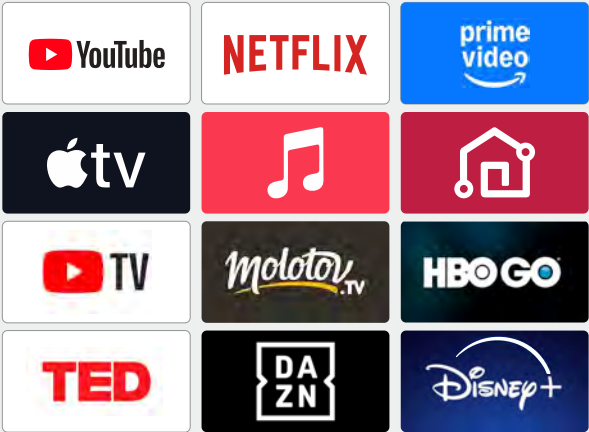OPTICAL
RJ 45

SMART TECH

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)

SMART TECH

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.

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®
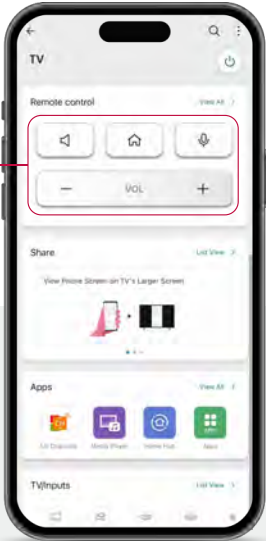
ARC

HDMI ARC can send and receive signals at the same time, which means it can only transfer data to and from a soundbar or video receiver. Therefore, only one HDMI ARC cable is needed to connect your TV to your soundbar or AV receiver.

ARC IN
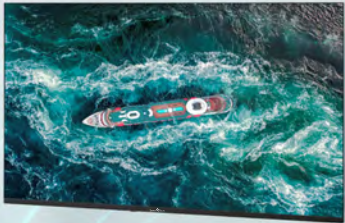
BEZEL-LESS

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

FULL HD

Full screen HD display for crisp and realistic images

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.

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.
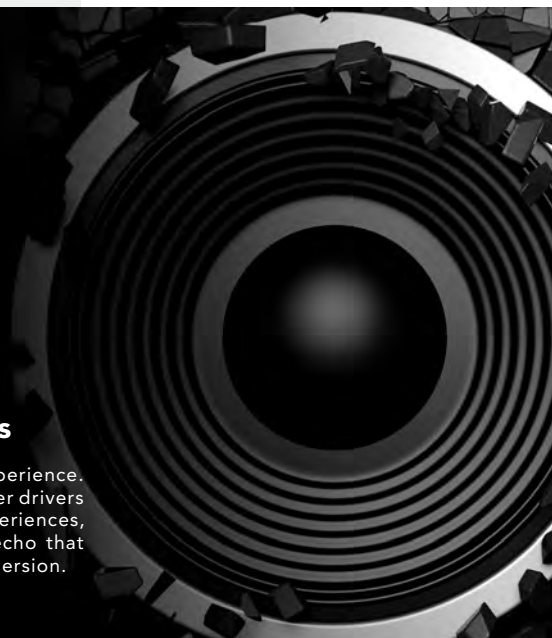
Dolby
AUDIO

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
ARM CA55 *4

TRIPLE·CORE
GPU
Mali G31MP2
↑ 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 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.
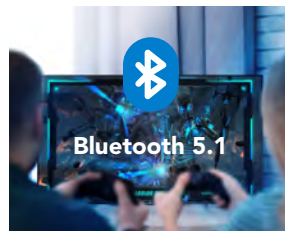
Bluetooth 5.1

BLUETOOTH

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

2.4G 5G

2．4G+5G WIFI

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

SMART TECH

Elegant central 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.

200mm
200mm

CI Slot

USB 2
USB 1
DVB-T/T2
DVB-S/S2
HDMI 1
HDMI 2
HDMI 3
EARPHONE OUT
AV IN
OPTICAL
RJ 45

Easy connection

Multi-function connectors on one side, convenient operation

PICTURE

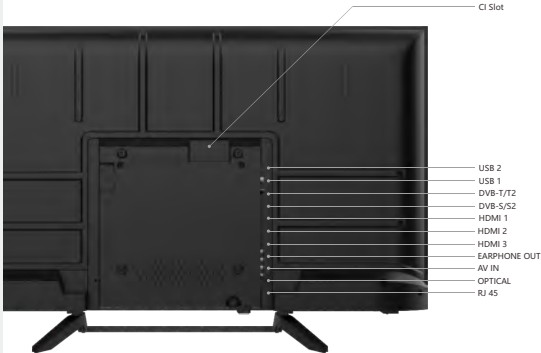|	
Display technology.........................	D-LED
Screen size(inches/cm)..................	40/101
Digonal screen size (inches/cm)......	40/101
Panel resolution.............................	FHD
Resolution......................................	1920*1080
Panel brigntness in cd/m²..............	250
Active 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..	No

SOUND

Music power output (watts)..........	2x8W
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/EAC3
Sound settings..............................	Standard/theater/music/speech/ sports/late night
Audio decoder...............................	Digital amplifier
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..	Yes
Cast..	Thinq LG/AirPlay
Voice control.................................	Yes
Far field..	No

CONNECTIVITY

HDMI..	3
HDMI version..................................	1.4
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 Terrestrial/Cable)...............	Yes
RF in (F sat)...................................	Yes
Scart..	No
VGA...	No
Composite/CVBS + Audio In............	Yes
Mini AV in......................................	No
Digital Audio Out............................	Optical
Headphone.....................................	Yes
Ethernet(LAN RJ-45)........................	Yes
YPbPr..	No

GENERAL DATA

Brand...	SMART TECH
Model..	40FW01V1
TV Color...	High gloss black
Stand type&color............................	C 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) *.......................................	36
Energy class (EPREL HDR)................	N/A
Energy consumption kWh/1000h (HDR) *.......................................	N/A
Annual energy consumption **.........	53kWh
Power consumption working (max.)..	90W
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)......................	891.8*560.7*219.8
Net size without stand (W x H x D in mm)......................	891.8*511.9*84.4
Carton size (W x H x D in mm).........	990*570*118
Net weight (kg)...............................	5.50
Gross weight (kg).............................	6.90
VESA standard (mm)........................	200*200
EAN..	5999862971199

*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.