

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/m².....	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
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/5/2
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.....	AT 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).....	300*200
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.