50" 4K Ultra HD Smart TV

The 50EH2E is a 4K Ultra High Definition Smart LED TV with exceptional picture quality.



50" / 126 cm | **3840 x 2160** | **LED** | **Smart TV**

Smart Ultra HD 50EH2E provides a wide range of connection possibilities. Four HDMI ports are able to receive a 2160p@60Hz signal, and two USB ports are ready for connecting a USB stick or hard disc drive with your favourite multimedia content.

HDR technology delivers better contrast and increased brightness, compared with standard TV sets, and DTS:X® surround sound technology together with harman/kardon speaker technology will introduce you to the world of cinematic sound.

Thanks to Smart capabilities, you can enjoy a suite of entertainment apps including Netflix, Prime Video, Rakuten TV, YouTube, Deezer and many more.

- HDR10 support (High Dynamic Range)
- HARMAN/KARDON® Speaker System
- DTS:X immersive audio codec
- DTS Virtual:X 3D audio post processing
- AV1 codec for the highest streaming picture quality
- New user interface
- Screen Mirroring with mobile devices
- Bluetooth
- Micro SD Card reader
- HD Tuner DVB-T/T2/C/S/S2 (MPEG4 + 10-bit HEVC/H.265)
- Hotel Mode

TV PRODUCT FEATURES

Operating System	Linux
Pre-installed Apps	Youtube, Deezer, Rakuten TV, Chili, Netflix, Web Browser And Many More
USB Video	MKV, MP4, MOV, AVI, MPG, MPEG, 3GP, 3GPP, ASF, FLV, WEBM, VOB, DAT, TS, TRP, TP
USB Music	MP3, M4A, AAC, AC3, EAC3, DTS, WAV, FLAC, LPCM
USB Photo	JPG, JPEG, BMP, PNG, GIF, MPO
Media Network Streaming (Video, Photo, Music)	Yes / Yes / Yes
HbbTV	Yes (v 2.0.2)
USB File System	FAT16, FAT32
SHARP AQUOS NET+ Apps Store	Yes
USB 4K Video	Yes
Digital Programme List	Yes
Home Media Server	Yes
USB Software Update	Yes
OTA Updates	Yes
Hotel Mode	Default Source, Default volume, Max volume, Import/Export TV database, Import Logo, Menu Lock
HDMI ARC	Yes (HDMI1)
HDMI CEC	Yes

DISPLAY SYSTEMS

Diagonal Screen Size cm	126
Diagonal Screen Size Inch	50
Panel Resolution (HxV) In Pixel	3840 x 2160
Dynamic Contrast	1 000 000:1
Active Motion	400
HDR support	HDR10, HLG
Backlight	LED

AUDIO SYSTEMS

Speaker	Full-range + silk tweeter
Speaker power (W)	2x10W (8 ohm)
Sound System	BG, DK, I, L/L', MN, NICAM/A2
Sound Settings	Sound Equaliser
Audio decoder	Dolby Digital, Dolby Digital Plus, Dolby AC-4
Sound Technology	Harman-Kardon
Audio enhancement solution	DTS Virtual:X™
3D sound processing	DTS:X®

I/O SYSTEMS

Antenna Input	Yes
Satellite Input	Yes
HDMI 4K @ 60 Hz (2.1)	x4
USB	x2
3.5mm Headphone jack / line-out	Yes
RJ 45 (LAN - 10BASE-T/100BASE-TX)	x1
Wi-Fi Max Transmitter Power	100 mW at 2,412 GHz – 2,472 GHz; 100 mW at 5,150 GHz – 5,350 GHz; 100 mW at 5,470 GHz – 5,725 GHz
Remote Control	IR
Bluetooth	Yes
Micro SD card slot	x1
Digital Optical Audio Output	Yes
WLAN: Wi-Fi Display/Miracast	Yes
Video/Audio input (3 x RCA)	Yes

VIDEO SYSTEMS

TV System (ATV)	PAL, SECAM
TV System (DTV)	DVB-T/T2/C/S/S2 (MPEG4 + H.265/HEVC (10-bit))
Video system	HEVC/H.265 (10-bit), MPEG4/H.264, VP9, AV1

POWER INFORMATION

Power Requirements	AC 220-240V ~ 50/60Hz
Power Consumption (ecomode/standard/max) (W)	69/95/115 W
Power Consumption (W)	69
Standby Power Consumption (W)	<0,50
Off Mode Power Consumption (W)	Not applicable
Energy Class	G
Plug	CE Plug
Auto Power Off	Yes
Safety Logo Certification	CE (RED, RoHS, ErP), REACH/PAH/SCCP
EPREL	https://eprel.ec.europa.eu/qr/1247152

LOGISTIC INFORMATION

Unit Size (W x H x D in mm)	1124,0 x 651,3 x 85,7
Unit Weight (kg)	12,2
Packaging Content	Product, Remote control, 2x AAA batteries, TV stand installation pack, Quick start guide, Wall mount set (4x M6x35 screw and 4x plastic spacer)
Box Size (W x H x D in mm)	1200 x 745 x 160
Gross Weight (kg)	16
Net Size with Stand (W x H x D in mm)	1124,0 x 698,4 x 229,4
Dimension Between Stand Feet (in mm)	1106
VESA Standard (mm)	200 x 200
EAN	5903802463446

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