LED
55EP640

ULTRA HD

PPI 1200
Picture Performance index

androidtv

DOLBY AUDIO

HDR



Specifications of 55EP640

Resolution : 3840x2160
Brightness (cd/m²): 260
Dynamic contrast : Mega

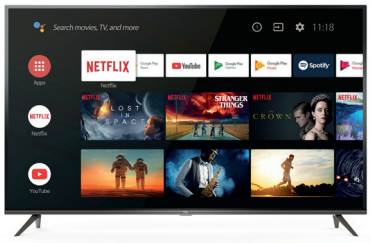
Sound power: 2x8 W

Tuner : DVB-T2/C/S2

Digital connectors : 3 x 2.0b
USB Multimedia Port (HD & SD Video, photo, music) : 2 x 2.0

DVB T2/C/S2 · 10bit panel · Bluetooth · DOLBY DIGITAL PLUS · QuadCore

55EP640





DISPLAY

Screen size (inches/cm)	55 / 139.7
Visible screen size : diagonal(inches/cm)	54.6 / 139
Panel resolution	UHD
Wide color Technology	-
Brightness (cd/m²)	260
HDR (High Dynamic Range)	Yes
HDR brightness	-
Picture Performance Index*	1200
Resolution	3840x2160
Curved / Curvature	-
10 bit panel	Yes
Dynamic contrast	Mega
Picture processing	IPQ 2.0 Engine
Dimming	Pro
Ultra AR coating	-
UHD upscaling	UHD
Color management	UHD Color Extender
Digital Noise Reduction	Yes
Film Mode	Yes

* Picture performance Index

AUDIO

Sound power	2x8 W
Music sound power	2x16 W
Dolby	Dolby AC4
Sound Processing	Dolby Audio processing
Equaliser	Yes
Speaker type	Down Firing
Audio quality by	-
Speakers	Full range
Digital Pure Sound	-
Woofer	-

SMART CONTENT

Processor	Quad Core
SmartTV	AndroidTV & TV+ (29 languages)
Android OS	Android P (9.0)
GuideOn (Internet EPG)	-
4K	Netflix, YouTube & more
Applications	Google Play Store & TV+
Social	Yes
Web browser	Yes
HbbTV	2,0
Voice search	Ready
Internal memory	16GB / 10 GB

3D

3D Technology	-
2D to 3D coversion	-
3D depth adjustment	-
3D resolution	-

CONVENIENCE

Smartphone / Tablet remote support	Yes
USB multimedia*	Yes
Caption(Subtitle)	Yes
Divx compatibility	-
Clock & On/Off timer	-
Game mode	Yes
Sports mode	Yes
Picture in Picture	-
Sleep timer	Yes
Hotel mode	-
OSD Languages	29
HDMI CEC (T-link)	Full
HDMI quick switch	Yes

* USB key not included

CONVERGENCE

Bluetooth	A2DP, HID
DLNA 1.5	Yes
Wifi display (Miracast)	Chromecast & T-cast
USB HID support	Yes

CONTROL

Remote control batteries	Yes
Remote Control	RC802N6

TUNER/BROADCASTING

DTV Tuner	DVB-T2/C/S2
Video decoding	H.265 UHD, H.264, MPEG-2
Analogue tuner	Yes
Analogue tuner systems	PAL/SECAM/NTSC (AV) BG/DK/I/LL'
CI+	Yes (1.4 ECP)
EPG (DVB EIT/SI)	up to 8 days
Auto channel search	Yes
Teletext	Yes

CONNECTIVITY

HDMI	3 x 2.0b
HDCP 2.2	All HDMIs
USB	2 x 2.0
YPbPr	CVBS
DVI-in (video)	via HDMI3
Ethernet (LAN RJ-45)	Yes
Wifi	Built-in b/g/n
Digital Audio Out	Optical
Headphone	Yes
RF in (IEC Terrestial/Cable)	1
RF in (F Sat)	1
Sat: Diseq / SCD	Yes v.2.2 / Yes
CI slot	1
HDMI ARC	via HDMI 1
HDMI max resolution	2160P/60Hz 12bit
MHL	Yes (3.0) via HDMI1
Power cable	Detachable, 1.5 m

DESIGN

Color	Black, Silver stand
Vesa size	200 x 200 mm
Stand type	Fixed

POWER

Energy efficency class*	A+
Auto power off	Yes
Power supply	220-240V~50Hz
Power consumption (standby)*	0,21 W
Power consumption (network standby)*	0,22 W
Power consumption (on mode IEC62087 Ed.2)*	85 W
Annual power consumption (EU standard)*	125 kWh
Peak luminance ratio	79%
Power consumption (maximum)*	125 W
Mercury content	0,0 mg
Presence of Lead	Yes

*estimation

DIMENSIONS & WEIGHT

Product Size	1242 / 781 / 220 mm
Product size w/o stand	1242 / 730 / 14-45-78 mm
Packaging size	1395 / 864 / 150 mm
Product / packaging	12,40 / 16,40 kg
Without stand	12,20 kg
EAN	5901292513344
Manual	29
Incl. 3D glasses	-

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