55P89K



PICTURE

Screen size (inches/cm)	55 / 140
Visible screen size : diagonal(inches/cm)	54.5 / 138
Panel resolution	-
Wide color Technology	Quantum Dot
HDR formats	Dolby Vision, HDR10+, HDR10, HLG
HDR brightness	350 nits
Picture Performance Index*	3700
Resolution	3840x2160
Curved / Curvature	-
10 bit panel	Yes
Dynamic contrast	Mega
Picture processing	AiPQ Pro Processor
Ultra AR coating	-
UHD upscaling	UHD Deep Learning AI SR
Color management	2P/multipoint/CMS 1D LUT 256 3D LUT 17x17x17 calibration
Digital Noise Reduction	Yes
Film Mode	-

* Picture performance Index

AUDIO

Sound power	2x10 W+15W
Dolby	Dolby AC4 Dolby TrueHD
Sound Processing	Dolby Atmos DTS Virtual-X Virtualization & upmix
Equaliser	7 band
Speaker type	2.1 sound system
Audio quality by	ONKYO
Speakers	-
Digital Pure Sound	-
Woofer	Yes
Auto volume control	Yes

SMART CONTENT

Processor	Quad Core
SmartTV	GoogleTV (63 languages)
Android OS	GoogleTV (ATV 12.0)
GuideOn (Internet EPG)	-
4K	Netflix YouTube Amazon Prime AppleTV+ & more
Applications	Google Play Store
Social	-
Web browser	BrowseHere or more from the Google Play Store
HbbTV	2.0.3
Smart integrated TV microphone	Yes
Internal memory	32GB

CONVENIENCE

Smartphone / Tablet remote support	Yes
USB multimedia*	Yes
Caption(Subtitle)	Yes
Divx compatibility	-
Clock & On/Off timer	-
Game mode	Auto
Sports mode	Yes
Multipicture	PAT
Sleep timer	Yes
Hotel mode	-
OSD Languages	59
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	RC833A

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	4 x 2.1
HDCP 2.2	2.2
USB	1 x 3.0
YPbPr	-
DVI-in (video)	-
Ethernet (LAN RJ-45)	Yes
Wifi	Built-in ac/n/g 2.4/5Ghz MIMO
Digital Audio Out	Optical
Headphone	-
RF in (IEC Terrestial/Cable)	1
RF in (F Sat)	1
Sat: Diseq / Unicable	Yes v.1.0 / ver. I & II
CI slot	1
HDMI eARC/ARC	eARC HDMI 1
HDMI max resolution	-
Power cable	Detachable 1.5 m

GAMING EXPERIENCE

HDMI 2.1 :	
Features	HDR ALLM eARC
VRR / FreeSync / G-sync	Yes / Yes / -

DESIGN

Color	Brushed metal front
Vesa size	300 x 300 mm
Stand design	-

POWER

EEI class SDR / HDR	F / G
On mode power demand in SDR / HDR	70 / 125 W
Auto power off	Yes
Power supply	NA
Standby mode power demand	NA
Networked standby mode power demand	- W
Peak luminance ratio	65%
Power rating	NA
Mercury content	0,0 mg
Lead presence	No

DIMENSIONS & WEIGHT

Product Size	1224 / 770 / 292 mm
Stand width & depth	925 / 292 mm
Product size w/o stand	1224 / 708 / 70 mm
Packaging size	1360 / 830 / 128 mm
Product / packaging	11,3 / 14,8 kg
Without stand	11 kg
EAN	5901292527358
Manual - languages number	30
Incl. 3D glasses	-

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