



**Product**

Manufacturer Model **55U8HNZ**

**Image display**

Screen size (rounded to nearest integer) cm	139
Screen size (rounded to nearest integer) inch	55
Display technology	LCD/ LED
Backlight source	Direct LED
Resolution (Horiz x Vert) pixel	3840X2160
Colour depth bit	8bit+FRC
Smooth motion rate	200
Native contrast ratio	1200 : 1
Viewing Angle (Horiz / Vert) Degrees	178/ 178
Quantum dot	Yes
Wide colour gamut	Yes

**Image processing**

Backlight control	Yes
Light sensing	Yes
Variable Refresh Rate (VRR)	Yes
FreeSync	Yes
Auto Low Latency Mode for VRR	Yes
Fully Array Local Dimming	Yes
Zoom function settings	Automatic/ 16:9/ 4:3/Movie Zoom
HDR - High Dynamic Range for luminance (DMP / Netflix / HDMI)	Yes/ YES / YES
HDR system	HDR10 / HDR10+ / Dolby Vision
HLG (Hybrid Log-Gamma) for HDR	YES
HEVC (H.265) decoder	Yes
Motion enhancement and compensation (MEMC)	Yes

**Hardware**

Processor	Quad core
Colour (Front bezel, rear, stand)	Black / Black / Black
Speakers mounted in enclosure	Yes
Supply range [Voltage / Frequency]	Volt / Hz 100 ~ 240V, 50Hz/60Hz
Standby consumption	Watt < 0.5W

**Inputs**

HDMI inputs	4
HDMI type 4K@60Hz with HDCP version 2.2	Yes
HDMI 2.1 compliant input (4K@120Hz)	Yes / HDMI 3 & 4
Enhanced Audio Return Channel ( eARC)	Yes / HDMI 3
CEC- Consumer Electronics Control via HDMI	Yes
RF- Radio frequency input	1
AV input	1
USB interface type 3.0 (Qty / List...)	1
USB interface type 2.0 (Qty / List ...)	1
Optical digital audio output (SPDIF)	1
Earphone jack	1

**Smart TV**

Smart TV operating system	VIDAA U6
Ethernet port (RJ45 connector)	1
Wi-Fi protocols IEEE 802.11 {b, g, n, ac, ad, ...}	a, b, g, n, ac
Wi-Fi bands	GHz 2.4/5.0
DLNA compliance	Yes
Bluetooth / BT version	Yes / 5.0
Anyview (Screen mirroring)	Yes
Streaming Video On Demand	Yes
UHD (4k) streaming	Yes
Freeview Plus	Yes
Web browser	Yes
Smartphone remote control application	Yes
Voice command	Yes

\*Specifications subject to change at any time.

<b>Digital TV</b>	Television system (DVB-T / DVB-T2)	Yes / Yes
	Video decoder (MPEG2 / MPEG 4)	Yes / Yes
	AC3 Surround sound decoder	Yes
	AS 4599.1 compliance	Yes
	AS 4933.1 compliance	Yes
	LCN- Logical channel number and DTV Service name support	Yes
	Teletext / Teletext signal interruption (TAB compliant) / 16 : 9 TLTX	Yes / Yes / Yes
	Subtitles	Yes
	RF Signal strength indicator	Yes
	RF Signal quality indicator	Yes
	RF Bit error rate indicator	Yes
	EPG- Electronic programming guide, 7 days for all services	Yes
	Audio description (vision impairment aid)	Yes
	Parental rating lock	Yes
	On/off timer	Yes
	Power off if no signal	Yes
	Sleep timer	Yes
	Program lock	Yes
	Favourite channels list	Yes
	Electronic point of sales (E-POS)	Yes
OTA- Over the air software updates	Yes	
<b>Sound</b>	Audio power output per channel	Watt 10
	Number of speakers (Tweeter / Midrange / Woofer)	0 / 2 / 0
	Automatic volume level (AVL)	Yes
	Audio equalizer	Yes
	Dolby Digital	Yes
	Audio enhancement -Type	Dolby ATMOS
	Lip-sync adjustment	Yes
<b>USB media player</b>	Personal Video Recorder	Yes
	Time Shift	Yes
	DTV Recording (EPG scheduling / start from Standby )	Yes / Yes
	DivX decoder	No
	MPEG4 (H.264) / H.265 decoder	Yes / Yes
	DMP- Digital media player content (Music / Video / Photos / Text)	Yes / Yes / Yes / No
	DMP for UHD content via USB	Yes
Supported File Formats	FAT / FAT32 / NTFS	
<b>Hotel lock</b>	Protected Hotel lock submenu (Password / fixed code)	No / Yes
	Clone function for programs, sound and image settings.	Yes
	Sub-menu lock, including tuning lock	Yes
	Keyboard lock	Yes
	Maximum volume lock	Yes
	Power on volume	Yes
	Power on, apply default sound/image settings	No
	Power on source selection	Yes
	Power on RF channel selection	Yes
	Power on mode (On / Standby / Last)	Yes / Yes / Yes
Inputs access (Enable / Disable)	Yes	
<b>Installation</b>	Stand area (Width / Depth)	mm 847×303
	VESA Wall mount dimensions (Horiz x Vert)	mm 400×300
	Wall mount, screw thread	mm M6
	Detachable power cord	Yes
	Power cord length	cm 155
<b>Accessories</b>	Remote controller (Technology / Part number )	BT/ERF3H86H
	Battery (size / quantity)	AA / 2
	User manual (Available online) / Quick setup guide (Print)	1 / 1
	Warranty [In User manual   In separate sheet]	In separate sheet
<b>Dimensions</b>	Dimensions with stand (W x H x D)	mm 1233×808×303
	Dimensions without stand (W x H x D)	mm 1233×713×73
	Carton box dimensions (W x H x D)	mm 1390×857×158
	Net weight (with stand / without stand)	kg 19.0kg / 18.0kg
	Gross weight	kg 24.0kg