



Product

Manufacturer Model **75U90G**

Image display

Screen size (rounded to nearest integer)	cm	189
Screen size (rounded to nearest integer)	inch	75
Display technology		LCD/LED
Backlight source		Full array LED
Resolution (Horiz x Vert)	pixel	7680 x 4320
Colour depth	bit	8bit+FRC
Smooth motion rate		200
Viewing Angle (Horiz / Vert)	Degrees	178/ 178
Quantum dot		Yes
Wide colour gamut		Yes

Image processing

Backlight control		Yes
Light sensing		Yes
Frame rate control		Yes
Variable Refresh Rate (VRR)		Yes
FreeSync		Yes
Auto Low Latency Mode for VRR (ALLM)		Yes
Full Array Local Dimming Pro		Yes
Zoom function settings (4:3 / 16:9 / Auto / Zoom 1 / Zoom 2)		Automatic/ 16:9/ 4:3/ Panoramic/ Movie Zoom/ Direct
HDR - High Dynamic Range for luminance (DMP / Netflix / HDMI)		Yes / Yes / Yes
HDR system		HDR10 with HLG / Dolby Vision
HEVC (H.265) decoder		Yes
Motion enhancement and compensation (MEMC)		Yes

Hardware

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

Inputs

HDMI inputs		4
HDMI type 8K@60Hz		HDMI3, HDMI4
HDMI type 4K@60Hz with HDCP version 2.2		HDMI 1, HDMI 2, HDMI3, HDMI4
HDMI 2.1 compliant input		HDMI3,HDMI4
Enhanced Audio Return Channel (eARC)		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 1
USB interface type 2.0 (Qty / List ...)		1 / USB2
Optical digital audio output (SPDIF)		1
Earphone jack		1

Smart TV

Smart TV operating system		Android TV
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
DLNA compliance		Yes
Bluetooth / BT version		Yes / 5.0
Anyview (Screen mirroring)		Yes
Streaming Video On Demand		Yes
UHD (4k) streaming		Yes
Voice command		Google Assistant
Works with Alexa		Yes
Alexa built-in		Yes
Chromecast built-in		Yes
Freeview Plus		Yes
Web Browser		Yes
Smartphone remote control application		Yes

**Specifications subject to change at any time.*

Digital TV

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 / 4:3
Subtitles	Yes
RF Signal strength indicator	Yes
RF Signal quality 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
OTA- Over the air software updates	Yes

USB media player

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 Auto-play	Yes
DMP for UHD content via USB	Yes
Supported File Formats	FAT / FAT32 / NTFS

Sound

Audio power output per channel	Watt	15W + 20W
Number of speakers (Tweeter / Midrange / Woofer)		2/ 4 /2
Automatic volume level (AVL)		Yes
Audio equalizer		Yes
Dolby Digital		Yes
Audio enhancement -Type		Dolby Atmos, DTS Virtual X
Lip-sync adjustment		Yes

Installation

Stand area (Width / Depth)	mm	630×321
VESA Wall mount dimensions (Horiz x Vert)	mm	600/400
Wall mount, screw thread	mm	M8/24
Detachable power cord		Yes
Power cord length	cm	200

Accessories

Remote controller (Technology / Part number)	BT / ERF6164H
Battery (size / quantity)	AAA / 2
User manual (Available online) / Quick setup guide (Print)	1 / 1
Warranty [In User manual In separate sheet]	In separate sheet

Dimensions

Dimensions with stand (W x H x D)	mm	1676×1016×321
Dimensions without stand (W x H x D)	mm	1676×1006×67
Carton box dimensions (W x H x D)	mm	1847×397×1175
Net weight (with stand)	kg	56 kg
Gross weight	kg	71 kg