



**Product**

Manufacturer Model **50A7G**

**Image display**

Screen size (rounded to nearest integer)	cm	126
Screen size (rounded to nearest integer)	inch	50
Display technology		LCD/ LED
Backlight source		Direct LED
Resolution (Horiz x Vert)	pixel	3840 x 2160
Colour depth	bit	8bit+FRC
Smooth motion rate		100
Viewing Angle (Horiz / Vert)	Degrees	178/ 178
Wide colour gamut		Yes

**Image processing**

Variable Refresh Rate (VRR)	Yes
Auto Low Latency Mode (ALLM)	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	Dolby Vision / HDR10 with HLG
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

**HDMI ports**

HDMI inputs	3
HDMI type 4K@60Hz with HDCP version 2.2	HDMI 1, HDMI 2,HDMI3
HDMI type 1.4 with HDCP version 1.4	HDMI 1, HDMI 2,HDMI3
HDMI 2.1 compliance	Partial compliance. Supported HDMI 2.1 features: VRR, ALLM, eARC and QMS
eARC -Audio Return Channel	HDMI 2
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/ USB 2
Optical digital audio output (SPDIF)	1
Earphone jack	1

**Smart TV**

Smart TV operating system	VIDAA U5
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	Bluetooth Voice Remote : Alexa & Google Assistant
Alexa built-in	Yes
Google Assistant built-in	Yes
Freeview Plus	Yes
Web browser	Yes

<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 / 4:3
	Subtitles		Yes
	RF Signal strength indicator		Yes
	RF Signal quality indicator		Yes
	RF Bit error rate indicator		No
	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
<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 Auto-play		No
	DMP for UHD content via USB		Yes
	<b>Supported File Formats</b>		<b>FAT / FAT32 / NTFS</b>
	<b>Sound</b>	Audio power output per channel	Watt
Number of speakers (Tweeter / Midrange / Woofer)			0/ 2/ 0
Automatic volume level (AVL)			Yes
Audio equalizer			Yes
Dolby Digital			Yes
<b>Audio enhancement -Type</b>			Dolby Atmos
Lip-sync adjustment			Yes
<b>Hotel lock</b>		Protected Hotel lock submenu (Password / fixed code)	
	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	767 x 257
	VESA Wall mount dimensions (Horiz x Vert)	mm	300/200
	Wall mount, screw thread	mm	M6, 10
	Detachable power cord		Yes
	Power cord length	cm	155
	<b>Accessories</b>	Remote controller (Technology / Part number )	
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
<b>Dimensions</b>		Dimensions with stand (W x H x D)	mm
	Dimensions without stand (W x H x D)	mm	1117×647×77
	Carton box dimensions (W x H x D)	mm	1231×139×781
	Net weight (with stand / without stand)	kg	10.8 kg /10.4 kg
	Gross weight	kg	14 kg