



<b>Product</b>	Manufacturer Model	<b>85R7</b>
<b>Image display</b>	Screen size (rounded to nearest integer)	cm 215 inch 85
	Display technology	LCD/LED
	Backlight source	Elite Backlight
	Resolution (Horiz x Vert)	pixel Full Array
	Colour depth	bit 8bit+FRC
	Smooth motion rate	200
	Viewing Angle (Horiz / Vert)	Degrees 178 / 178
	Wide colour gamut	Yes
<b>Image processing</b>	Backlight control	Yes
	Dynamic backlight control	Yes
	Local Dimming	Yes
	Zoom Modes	4:3 / 16:9 / Auto / Zoom 1 / Zoom 2
	HDR system	HDR10 with HLG / Dolby Vision
	HEVC (H.265) decoder	Yes
	Motion enhancement and compensation (MEMC)	Yes
<b>Hardware</b>	Processor	Quad Core
	Colour (Front bezel, rear, stand)	Gun metal / Black / Silver
	Supply range [Voltage / Frequency ]	Volt / Hz 100 ~ 240V / 50, 60Hz
	Standby consumption	Watt < 0.5W
<b>Inputs</b>	HDMI inputs	4
	HDMI type 4K@60Hz with HDCP version 2.2	Yes (HDMI 1, HDMI 2, HDMI 3, HDMI 4)
	HDMI 2.0 compliant input	Yes (HDMI 1, HDMI 2, HDMI 3, HDMI 4)
	ARC -Audio Return Channel	Yes (HDMI 1)
	CEC- Consumer Electronics Control via HDMI	Yes
	RF- Radio frequency input	1
	AV input	1
	USB interface type 2.0	2 / USB 1,USB2
	Optical digital audio output (SPDIF)	1
	Earphone jack	1

## Smart TV

User interface		VIDAA U <sup>3.0</sup> AI
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		Yes
Anyview (Screen mirroring)		Yes
Streaming Video On Demand		Yes
Freeview Plus		Yes
UHD (4k) streaming		Yes
Google Assistant Ready		Yes (second half 2019)
Web browser		Yes
RemoteNow Smartphone App Supported		Yes

## 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 / 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

## USB media player

Personal Video Recorder		Yes
Time Shift		Yes
DTV Recording (EPG scheduling / start from Standby )		Yes / Yes
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	15
Number of speakers (Tweeter / Midrange / Woofer)		2 / 4 / 0
Automatic volume level (AVL)		Yes
Audio equalizer		Yes
Dolby Digital		Yes
Audio enhancement - Type {SRS, BBE, SAP, DBX-TV...}		Dolby Atmos
Lip-sync adjustment		Yes

## Hotel lock

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		Yes
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

## Installation

Stand area (Width / Depth)	mm	1715 x 428
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VESA Wall mount dimensions (Horiz x Vert)	mm	800/400
Wall mount, screw thread	mm	M8/24
Power cord length	cm	200

## Accessories

Remote controller (Technology / Part number)	IR / EN3AG39H
Battery (size / quantity)	AAA / 2
Quick Setup Guide	Yes
Warranty Sheet	Yes

## Dimensions

Dimensions with stand (W x H x D)	mm	1901×428×1201
Dimensions without stand (W x H x D)	mm	1901×83×1125
Carton box dimensions (W x H x D)	mm	2120×322×1322
Net weight (with stand / without stand)	kg	52.1/ 50.7
Gross weight	kg	70