

Hisense television specifications

<i>Product</i>	Commercial model	85A7KAU	
	Description	215cm (85") Direct LED Television	
<i>Image display</i>	Screen size (rounded to nearest integer)	cm	215
	Screen size (rounded to nearest integer)	inch	85
	Display technology		LCD/ LED lit
	Backlight source		Direct LED
	Resolution (Horiz x Vert)	pixel	3840X2160
	Screen curvature radius	mm	-
	Colour depth	bit	8bit+FRC
	Image refresh frequency	Hz	60
	Smooth motion rate		120
	3D image		-
	Typical brightness of white	cd/m ²	400
	Native contrast ratio		6000 : 1
	Viewing Angle (Horiz / Vert)	Degrees	178/ 178
	Quantum dot		No
	Wide colour gamut		Yes
	KSF phosphor		Yes
	UHD Premium		No
	Response Time	ms	8
<i>Connectivity</i>	RF- Radio frequency input		1
	AV input		1
	AV output		0
	USB interface type 3.0 (Qty / List...)		0
	USB interface type 2.0 (Qty / List ...)		2/ USB1,USB2
	Optical digital audio output (SPDIF)		1
	Earphone jack		1
<i>HDMI ports</i>	HDMI inputs		3
	HDMI type 8K@60Hz		No
	HDMI type 4K@60Hz with HDCP version 2.2		Yes
	HDMI 2.1 compliant input (4K@120Hz)		No
	Enhanced Audio Return Channel (eARC)		Yes / HDMI 1
	CEC- Consumer Electronics Control via HDMI		Yes

Smart TV	Ethernet port (RJ45 connector)		1
	Wi-Fi protocols IEEE 802.11 {b, g, n, ac, ax, ..}		a, b, g, n, ac
	Wi-Fi bands	GHz	2.4/5.0
	DLNA compliance		Yes
	Bluetooth / BT version		Yes / 5.1
	Anyview (Screen mirroring)		Yes
	BVOD services (Iview, SBS on Demand, 9Now, 7Plus, Tenplay)		iView, SBS on Demand, 9Now
	Installed Applications {List}		Netflix/Youtube/Disney+/Stan/AppleTV+/Prime Video.....
	Freeview Plus - HbbTV 2.0		Yes
	Web browser [Chrome Opera Other]		Odin
Tuner/ Broadcasting	Digital broadcasting (DVB-T / DVB-T2)		Yes / Yes
	Video decoder (MPEG2 / MPEG 4)		Yes / Yes
	LCN- Logical channel number and DTV Service name support		Yes
	Teletext / Teletext signal interruption (TAB compliant)		Yes / Yes
	Subtitles		Yes
	EPG- Electronic programming guide, 7 days for all services		Yes
	Audio description (vision impairment aid)		Yes
	Parental rating lock		Yes
	Analog Tuner		Yes
Image processing	Backlight control		YES
	Light sensing		No
	Dynamic backlight control		YES
	Frame rate control		No
	Variable Refresh Rate (VRR)		Yes
	FreeSync		No
	Auto Low Latency Mode(ALLM)		Yes
	Local dimming/ controllable zones		No
	Zoom function settings		Auto/ 16:9/ 4:3/ Movie Zoom
	HDR - High Dynamic Range for luminance (DMP / Netflix / HDMI)		Yes/ YES / YES
	HDR system (HDR10 / HDR10+ / Dolby Vision)		Yes/ No / YES
	HLG (Hybrid Log-Gamma) for HDR		Yes
	HEVC (H.265) decoder		Yes
	Motion enhancement and compensation (MEMC)		Yes
	Picture mode		standar,Cinema Day,Cinema Night,Dynamic,Sports
Sound	Audio power output per channel	Watt	15
	Number of speakers (Tweeter / Midrange / Woofer)		0/4/0
	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
	Sound mode		Stand,Theatre,Music,Speech,Late Night,Sports

Features

On/off timer	Yes
Power off if no signal	Yes
Sleep timer	Yes
Program lock	Yes
OSD transparency control	Yes
User interface	VIDAA U6
Software version OSD indication	Yes
Legal requirements: Disclaimer / Acceptance of Terms	Yes / Yes
Favourite channels list	Yes
Electronic point of sales (E-POS)	Yes
OTA- Over the air software updates	Yes
Voice command	Yes
Screen mirroring {Miracast, Anyview Cast, ...}	Airplay,Miracast,DLNA,Anyview Cast
Smartphone remote control application {VIDAA app, ...}	Yes
Replaceable demo video for Store mode	Yes
Remote control via serial port	No

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	No
DMP for UHD content via USB	Yes
DMP File allocation table (FAT / FAT32 / exFAT / NTFS)	Yes / Yes / No / Yes
PVR File allocation table (FAT / FAT32 / exFAT / NTFS)	Yes / Yes / No / 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	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

Hardware

Processor / Cores	Quad core
Dual Tuner	No
Colour (Front bezel, rear, stand)	Black / Black / Black
Speakers mounted in enclosure	Yes
Mains power switch	No
Swivel base	No
Compact packaging	Yes
Supply range [Voltage / Frequency]	Volt / Hz 100 ~ 240V, 50Hz/60Hz
Standby consumption	Watt < 0.5W
Maximum time delay Power On to sound an image	sec 30

Installation

Stand area (Width / Depth)	mm 1393×455
Wall mount dimensions (Horiz x Vert)	mm 600×400
Wall mount, screw thread	mm M8
VESA compliance	Yes
Detachable power cord	Yes
Power cord length	cm 155

Accessories	Remote controller (Technology / Part number)		BT/ERF2R36H(0011)
	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
	Skype camera (Qty / Part number)		-
	3D glasses type [Passive Shutter] / Link [RF IR BT]		-
	3D glasses (Qty / Part number)		-
Dimensions	Dimensions with stand (W x H x D)	mm	1899×1156×455
	Dimensions without stand (W x H x D)	mm	1899×1089×91
	Carton box dimensions (W x H x D)	mm	2093×269×1277
	Net weight (with stand / without stand)	kg	42Kg/41Kg
	Gross weight	kg	60.4Kg
Licensing and certification	EMC- Electromagnetic Compatibility		Yes
	CB- Electrical safety		Yes
	Dolby Digital		Yes
	MEPS- Test report		Yes
	ROHS		
	Electrical safety conformity for Australia		Yes
Documentation	CB report and certificate		Yes
	EMC report and certificate		Yes
	Power cord, plug and connector Australian safety approval (Required before mass production)		Yes