

# Hisense television specifications

<i>Product</i>	Commercial model	<b>55A7KAU</b>	
	Description	<b>139cm (55" ) Direct LED Television</b>	
<i>Image display</i>	Screen size (rounded to nearest integer)	cm	<b>139</b>
	Screen size (rounded to nearest integer)	inch	<b>55</b>
	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 <sup>2</sup>	350
	Native contrast ratio		4000 : 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

<b>Smart TV</b>	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
<b>Tuner/ Broadcasting</b>	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
<b>Image processing</b>	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
<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 {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	833×313
Wall mount dimensions (Horiz x Vert)	mm	300×200
Wall mount, screw thread	mm	M6
VESA compliance		Yes
Detachable power cord		Yes
Power cord length	cm	155

<b>Accessories</b>	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)		-
<b>Dimensions</b>	Dimensions with stand (W x H x D)	mm	1230×777×313
	Dimensions without stand (W x H x D)	mm	1230×711×78
	Carton box dimensions (W x H x D)	mm	1362×145×831
	Net weight (with stand / without stand)	kg	13.6Kg/13.1Kg
	Gross weight	kg	18Kg
<b>Licensing and certification</b>	EMC- Electromagnetic Compatibility		Yes
	CB- Electrical safety		Yes
	Dolby Digital		Yes
	MEPS- Test report		Yes
	ROHS		No
	Electrical safety conformity for Australia		Yes
<b>Documentation</b>	CB report and certificate		Yes
	EMC report and certificate		Yes
	Power cord, plug and connector Australian safety approval (Required before mass production)		Yes