



Hisense television specifications

Product

Commercial model
Factory model
Factory
Description

55Q6NAU
55A70LAVT
Qingdao
139cm (55") Direct LED Television

Document

Specifications form version
Circulation
Status
Revision number
Date
Issued by

HA220120
Restricted, internal use only
Confirmed
1
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Meng

Image display

Panel manufacturer
Panel model
Active display area, horizontal dimension
Active display area, vertical dimension
Screen size (rounded to nearest integer)
Screen size (rounded to nearest integer)
Display technology
Backlight source
Resolution (Horiz x Vert)

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HD550H1U51-T0L9
mm 1209,6
mm 680,4
cm **139**
inch **55**
LCD/ LED lit
Direct LED
pixel 3840X2160

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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	350
Native contrast ratio		4000 : 1
Viewing Angle (Horiz / Vert)	Degrees	178/ 178
Quantum dot		Yes
Wide colour gamut		Yes
KSF phosphor		Yes
UHD Premium		No
Response Time	ms	8

Connectivity

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

HDMI ports

HDMI inputs	3
HDMI type 8K@60Hz	No

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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 / 5.0
Anyview (Screen mirroring)	Yes
BVOD services (Iview, SBS on Demand, 9Now, 7Plus, Tenplay)	Iview, SBS on Demand, 9Now, Tenplay
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

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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	10
Number of speakers (Tweeter / Midrange / Woofer)		0/2/0

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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 U7
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
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	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
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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	MT9603EAATAC / 4
	Dual Tuner	No

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Colour (Front bezel, rear, stand)		Black / Black / Black
Speakers mounted in enclosure		No
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	973×270
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

Accessories

Remote controller (Technology / Part number)	BT/ERF2AK36H
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	1233×767×270
Dimensions without stand (W x H x D)	mm	1233×715×80

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	Carton box dimensions (W x H x D)	mm	1400×135×846
	Net weight (with stand / without stand)	kg	11.4Kg/10.9Kg
	Gross weight	kg	16.8Kg
	Container load (20ft / 40ft / 40ft HC)		TBD
Licensing and certification	EMC- Electromagnetic Compatibility	Yes	
	CB- Electrical safety	Yes	
	HDMI	Yes (Hisense internal test)	
	Dolby Digital	Yes	
	MEPS- Test report	Yes	
	ROHS	No	
	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	