



Hisense television specifications

Product

Commercial model
Factory model
Factory
Description

50Q6NAU
50A70LAVT
Qingdao
126cm (50") Direct LED Television

Document

Specifications form version
Circulation
Status
Revision number
Date
Issued by

HA220120
Restricted, internal use only
Confirmed
1
06/03/2024
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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HD500H1U51-T0L9
mm 1095,84
mm 616,41
cm **126**
inch **50**
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
Automatic volume level (AVL)		Yes

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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
Time Shift	Yes

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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	MT9603EAATAC / 4
Dual Tuner	No
Colour (Front bezel, rear, stand)	Black / Black / Black

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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	893 x 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	1119×702×270
Dimensions without stand (W x H x D)	mm	1119×649×80
Carton box dimensions (W x H x D)	mm	1265×135×799

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Net weight (with stand / without stand)	kg	9.6Kg/9.4Kg
Gross weight	kg	13Kg
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
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Documentation

CB report and certificate	Yes
EMC report and certificate	Yes
Power cord, plug and connector Australian safety approval (Required before mass production)	Yes