

TV's Technical Specifications 

Product	Commercial model		UTVH4K65
	Factory model		65A6100FX
	Factory		Qingdao
	Description		164cm (65") LED Matrix Television
Document	Specifications form version		HA20200321
	Circulation		Restricted, internal use only
	Status		Confirmed
	Revision number		3
	Date		3/21/2020
	Issued by		LEON
Image display	Panel manufacturer		Hisense
	Panel model		HD650X1U81-T0
	Active display area, horizontal dimension	mm	1428.48
	Active display area, vertical dimension	mm	803.52
	Screen size (rounded to nearest integer)	cm	164
	Screen size (rounded to nearest integer)	inch	65
	Display technology		LCD/LED lit
	Backlight source		LED Matrix
	Resolution (Horiz x Vert)	pixel	3840 x 2160
	Screen curvature radius	mm	-
	Colour depth	bit	8bit+FRC
	Image refresh frequency	Hz	60
	Smooth motion rate		120
	3D image		-
	Maximum brightness of white	cd/m ²	360
	Native contrast ratio		4000 : 1
	Viewing Angle (Horiz / Vert)	Degrees	178 / 178
	Quantum dot		No
	Wide colour gamut		No
	UHD Premium		No

	Response Time	ms	6.5
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 / USB 1,USB2
	Optical digital audio output (SPDIF)		1
	Earphone jack		1
	HDMI ports	HDMI inputs	
HDMI type 4K@60Hz with HDCP version 2.2			HDMI 1, HDMI 2,HDMI3
HDMI type 1.4 with HDCP version 1.4			NA
HDMI 2.0 compliant input			HDMI 1, HDMI 2,HDMI3
ARC -Audio Return Channel			HDMI 1
MHL - Mobile High Definition Link input			NA
CEC- Consumer Electronics Control via HDMI			Yes
Smart TV		Ethernet port (RJ45 connector)	
	Wi-Fi protocols IEEE 802.11 {b, g, n, ac, ad, ..}		b, g, n
	Wi-Fi bands	GHz	2.4
	DLNA compliance		Yes
	Bluetooth / BT version		Yes / 5.0
	Anyview (Screen mirroring)		Yes
	UHD (4k) streaming		Yes
	Installed Applications {List}		Netflix/YouTube/Prime Video/SHAHID/DStv Now/SHOWMAX/DEOD/YouTube Kids/Netflix/YouTube/Prime Video/DStv Now/SHOWMAX/DEOD
Installed Applications {List}		YouTube Kids/GLWiZ/Media/AccuWeather/Apps NOW/TV Browser/Game Center/Anyview Cast/Toon	
	Skype		No
	Freeview Plus - HbbTV 2.0		Yes

	Web browser [Chrome Opera Other]		Odin 2.10
Digital TV reception	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
Analogue TV reception	Colour-Sound systems in VHF band		PAL B
	Colour-Sound systems in UHF band		PAL B
	Stereo sound decoder {A2, Nicam,}		A2 / NICAM
	Teletext / Teletext signal interruption (TAB compliant) / 16 : 9 TLTX		Yes / Yes / Yes
	Subtitles		Yes
Image processing	Backlight control		Yes
	Light sensing		No
	Dynamic backlight control		Yes
	Local dimming / controllable zones		No
	Zoom function settings (4:3 / 16:9 / Auto / Zoom 1 / Zoom 2)		Yes / Yes / Yes / Yes / Yes

	1:1 Pixel mapping		Yes
	HDR - High Dynamic Range for luminance (DMP / Netflix / HDMI)		Yes / Yes / Yes
	HDR system (HDR10 / Dolby Vision)		Yes /No
	HLG (Hybrid Log-Gamma) for HDR		Yes
	HEVC (H.265) decoder		Yes
	Dual image (PIP / POP)		No / No
	Motion enhancement and compensation (MEMC)		No
Sound	Audio power output per channel	Watt	10
	Number of speakers (Tweeter / Midrange / Woofer)		0/ 1 / 0
	Automatic volume level (AVL)		Yes
	Audio equalizer		Yes
	Dolby Digital		Yes
	Audio enhancement -Type {SRS, BBE, SAP, DBX-TV....}		DTS Studio sound
	Lip-sync adjustment		Yes
Features	On/off timer		Yes
	Power off if no signal		Yes
	Sleep timer		Yes
	Program lock		Yes
	OSD transparency control		No
	User interface		VIDAA U3
	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		No
	Screen mirroring {Miracast, Anyview Cast, ...}		Anyview Cast
	Smartphone remote control application {Rremote Now, ...}		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		Yes
	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		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
Hardware	Processor / Cores		MSD6886NQHAT-8-00GG/ 4
	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 / 50, 60Hz
	Standby consumption	Watt	< 0.5W
	Maximum time delay Power On to sound an image	sec	
Installation	Stand area (Width / Depth)	mm	1236×275
	Wall mount dimensions (Horiz x Vert)	mm	300×200
	Wall mount, screw thread	mm	M6
	VESA compliance		Yes
	Detachable power cord		No
	Power cord length	cm	155
Accessories	Remote controller (Technology / Part number)		IR / EN2BS27H
	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	1448×898×275
	Dimensions without stand (W x H x D)	mm	1448×834×81
	Carton box dimensions (W x H x D)	mm	1629×186×996
	Net weight (with stand / without stand)	kg	17/16.7
	Gross weight	kg	24
	Container load (20ft / 40ft / 40ft HC)		
Licensing and certification	EMC- Electromagnetic Compatibility		Yes
	CB- Electrical safety		Yes
	HDMI		No
	Dolby Digital		Yes
	ROHS		No

