



Product

Manufacturer model **100L9GSET**
Description **4K Smart Laser TV**

Image display

Screen size	inch	100
Display technology		Digital Light Processing (DLP)
Light source		TriChroma Laser
Resolution (Horiz x Vert)	pixel	3840 x 2160
Aspect ratio		16 : 9
Display surface		Flat
Colour depth	bit	10
Colours	billion	1.07
Digital geometric correction (Automatic/ Manual)		Yes/ Yes
Smooth motion rate	Hz	100
Maximum brightness of white	lm	3000
Static contrast ratio		1000 : 1
Dynamic contrast ratio		2,000,000 : 1
Colour gamut (BT2020)	%	107%
Light source lifetime (50% luminance)	hour	25,000
Eye Protection (laser off by proximity sensor)		Yes

Screen

Screen size	inch	100
Screen technology		Ambient light rejecting

Image processing

Light level control	Yes
4K upscaling	Yes
Zoom function settings (4:3 / 16:9 / Auto / Zoom 1 / Zoom 2)	Yes / Yes / Yes / Yes / Yes
HDR - High Dynamic Range for luminance (DMP / Netflix / HDMI)	Yes / Yes / Yes
HDR supported	HDR10/ HLG (hybrid log-gamma)
Video decoder	HEVC (H.265), VP9, H.264, MPEG4, MPEG2, VC1, MVC
Motion enhancement and compensation (MEMC)	Yes
3D digital comb filter	Yes
MPEG noise reduction	Yes
Mosquito noise reduction	Yes

Hardware

Processor	Quadcore
Colour	Black+gray
Speakers mounted in enclosure	Yes
Supply range [Voltage / Frequency]	Volt / Hz 120 ~ 240V / 50, 60Hz
Rated input power	Watt 320
Standby consumption	Watt < 0.5W

Inputs

HDMI inputs	3
HDMI type 4K@60Hz with HDCP version 2.2	HDMI 1, HDMI 2,HDMI3
HDMI type 1.4 with HDCP version 1.4	HDMI 1, HDMI 2,HDMI3
HDMI 2.0 compliant input	HDMI 1, HDMI 2,HDMI3
ARC -Audio Return Channel	HDMI 1
CEC- Consumer Electronics Control via HDMI	Yes
RF- Radio frequency input	2 (1 DVB-T, 1DVB-S)
AV input	1
USB interface type 2.0 (Qty / List ...)	2 / USB 1,USB2
Optical digital audio output (SPDIF)	1
Bluetooth audio	Yes

**Specifications subject to change at any time.*

	Bluetooth audio profiles	AD2P, AVRCP
	Service port	1
Smart TV	Smart TV operating system	VIDAA U4
	Ethernet port (RJ45 connector)	1
	Wi-Fi protocols IEEE 802.11 {b, g, n, ac, ad, ..}	a, b, g, n, ac
	Wi-Fi bands	2.4 / 5
	DLNA compliance	Yes
	Bluetooth / BT version	Yes / 5.0
	Anyview (Screen mirroring)	Yes
	Streaming Video On Demand	Yes
	UHD (4k) streaming	Yes
	Freeview Plus	Yes
	Web browser	Yes
	Voice command	Alexa Built-in, Google Assistant Ready
	Smart phone application	RemoteNow
Digital TV	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
	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
	On/off timer	Yes
	Power off if no signal	Yes
	Sleep timer	Yes
	Program lock	Yes
	Favourite channels list	Yes
	OTA- Over the air software updates	Yes
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
	Supported File Formats	FAT / FAT32 / NTFS
	Digital media container	AVI, MP4, MKV, TS, FLV, OGM
	Video format	.AVI, .WMV, .MP4, .MOV, .3GP, .MKV, .MPG, .MPEG, .VOB, .FLV, .OGM
	Digital audio container	AAC, WMA, WAV
	Audio extension	.wma, .wmv, .mp4, .FLAC, .MP2, .MP3
	Still image extension	.jpeg, .bmp, .PNG, .GIF, .webp, .mpo
Sound	Audio power output per channel	Watt 20
	Number of speakers (Tweeter / Midrange / Woofer)	2 / 2 / 0
	Automatic volume level (AVL)	Yes
	Audio equalizer	Yes
	Dolby Digital	Yes
	Audio enhancement -Type	Dolby Atmos, Dolby Audio
	Lip-sync adjustment	Yes
	Speakers type	Built in
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

Installation

Detachable power cord Yes
 Power cord length cm 200

Accessories

Remote controller (Technology / Part number) Bluetooth/ ERF6C62H, IR/ EN2Q30H
 Battery (size / quantity) AAA / 4
 User manual (Available online) / Quick setup guide (Print) 1 / 1
 Warranty [In User manual | In separate sheet] In separate sheet

Dimensions Console

Dimensions with stand (W x H x D) mm 610 × 155 × 346
 Carton box dimensions (W x H x D) mm 751 x 305x 478
 Net weight kg 11.2
 Gross weight kg 15

Dimensions Screen

External dimensions(W x H x D) mm 2250×1280×30mm
 Carton box dimensions (W x H x D) mm 2381 x 156 x 526
 Gross weight kg 22.8
 Net weight kg 11.5