



**Product**

**Image display**

Manufacturer Model	<b>120L5F</b>	
Description	<b>4K Laser Cinema</b>	
Screen size	inch	120
Display technology	Digital Light Processing (DLP)	
Light source	X_Fusion Laser Light	
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	2700
Static contrast ratio	1000 : 1	
Dynamic contrast ratio	2000 : 1	
Light source lifetime (50% luminance)	hour	25,000
Eye Protection (laser off by proximity sensor)	Yes	

**Screen**

Screen size	inch	120
Screen technology	Fresnel lens	
	Black and white lenticular coating	
	Ambient light rejecting	
Peak gain	%	0.42
Viewing angle	°	> 70
Ambient obscuring ratio	%	> 90

**Image processing**

Light level control	Yes
Light sensing	No
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	HDR/ 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	Grey
Speakers mounted in enclosure	Yes
Compact packaging	Yes
Supply range [Voltage / Frequency ]	Volt / Hz 120 ~ 240V / 50, 60Hz
Rated input power	Watt 350
Standby consumption	Watt < 0.5W

**Inputs**

HDMI inputs	4
HDMI type 4K@60Hz with HDCP version 2.2	HDMI 1, HDMI 2,HDMI3,HDMI4
HDMI type 1.4 with HDCP version 1.4	HDMI 1, HDMI 2,HDMI3,HDMI4
HDMI 2.0 compliant input	HDMI 1, HDMI 2,HDMI3,HDMI4
ARC -Audio Return Channel	HDMI 1
CEC- Consumer Electronics Control via HDMI	Yes
RF- Radio frequency input	2
AV input	1
USB interface type 2.0 (Qty / List ...)	2 / USB 1, USB2
Optical digital audio output (SPDIF)	1
Bluetooth audio	Yes
Bluetooth audio profiles	AD2P, AVRCP
VGA input	1
VGA audio input	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
Smart phone application	Yes

**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
Teletext / Teletext signal interruption (TAB compliant) / 4 : 3 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
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
Voice command	Alexa Built-in, Google Assistant Ready
Screen mirroring {Miracast, Anyview Cast, ...}	Anyview Cast
Smartphone remote control application	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
<b>Supported File Formats</b>	<b>FAT / FAT32 / NTFS</b>
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

**Sound**

Audio power output per channel	Watt	15
Number of speakers (Tweeter / Midrange / Woofer)		2 / 2 / 0
Automatic volume level (AVL)		Yes
Audio equalizer		Yes
Dolby Digital		Yes
<b>Audio enhancement -Type</b>		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
Kensington security slot	Yes

**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 (W x H x D)	mm	547 × 158 × 352
Carton box dimensions (W x H x D)	mm	711 × 316 × 507
Net weight	kg	11.5
Gross weight	kg	15

**Dimensions Screen**

Carton box dimensions (W x H x D)	mm	2831 x 151 x 516
Gross weight	kg	31
Net weight	kg	22.5