

LG 55UN8100

SCREEN

Display type	4K IPS Display
Screen size	55
Resolution	3840 x 2160
Wide viewing angle	Wide viewing angle
BLU type	Direct

VIDEO (PICTURE QUALITY)

Processor	Quad core 4K processor
Image enhancement	Image enhancement
HDR	Active HDR
HDR10 Pro	Yes
HLG	Yes
HDR effect	Yes
HDR Dynamic Tone Mapping / Pro	HDR Dynamic tone mapping
Dimming algorithm	LG Local Contrast
Upscaling	4K Upscaling
HEVC (Decoder)	4K @ 60P, 10 bit
VP9 (Decoder)	4K @ 60P, 10 bit
HGiG mode	MR
Instant Play Response (VRR / ALLM)	ALLM

SOUND

Speaker (Audio output)	20W
Channel	2.0ch
Direction	Firing down
Simultaneous audio output	Yes
AI Sound Pro	AI sound
Acoustic tuning with AI	Yes
Surround mode	Ultra Surround
Clear voice	Clear speech III
Bluetooth surround sound	Yes
Bluetooth not pairing	Yes
LG Audio Sync	Yes
Audio sharing	Yes

AI FUNCTION

ThinQ	Yes
Intelligent voice recognition	Yes
Speech to text	Yes
LG Voice Search	Yes
AI UX	Yes
AI Home	Yes
AI recommendation	Yes
Smart editing	Yes
Home Dashboard	Yes
Mobile connection	Yes
LG TV Plus App	Yes
ThinQ App	Yes

CONNECTION OPPORTUNITIES

Screen sharing	Yes
HDMI	2 (back) / 2 (side)
Version	HDMI 2.0
Simplink (HDMI CEC)	Yes
eARC / ARC	ARC
USB	1 (back) / 1 (side)
LOAN	Yes
Component	Yes
Composite in (AV)	Yes
CI Slot	Yes
RF ind	2 (Back, RF / Sat)

SPDIF (Optical Digital Audio Output)	Yes
Wifi	Version 802.11ac
Bluetooth	Version 5.0

INTELLIGENT FUNCTION

Operating system (OS)	webOS Smart TV
Number of CPUs	Quad
Magic remote control	Built-in
Universal operation	Yes
360 ° VR Play	Yes
Audio Guide (Text to Speech)	Yes
LG Store	Yes
Web browser	Yes
Music player	Yes
TV turned on with mobile	Yes
Wi-Fi TV for	Yes
Network file browser	Yes
Block access to malicious page	Yes
Sports alarm	Yes

BROADCAST SYSTEM

Digital TV reception	Yes
Earth-based	DVB-T2 / T
Cable	DVB-C
Satellite	DVB-S2 / S
Analog TV reception	Yes
Data transmission	Yes
CI + (Common Interface)	CI + 1.4
Teletext	Yes
[DVB] subtitle	Yes
AD (Audio description)	Yes
EPG (8 days)	Yes

DIMENSIONS / WEIGHT

Weight without stand	16.1
Weight with stand	17.1
Weight in shipment	22.6
Size without stand (VxHxD)	1234 x 717 x 84.0
Size with stand (VxHxD)	1234 x 784 x 260
Size of shipment (VxHxD)	1360 x 880 x 207