



55" Professional 24/7 Digital Signage display with 4K UHD resolution and 800cd/m² high brightness performance

This 800cd/m² high brightness professional large format display with a 4K UHD resolution (3840x2160) delivers dynamic and sharp content. Providing vibrant, detailed and sublime images this screen is perfect for environments where performance and reliability are mission critical.

Designed to perform in continual, around the clock environments, the LH5551UHSB can be installed and utilised in landscape and portrait orientation. The slim bezel and commercial display is VESA mountable and the OSD menu can be controlled with both control buttons and an included remote control. The LH5551UHSB offers businesses an easy and effective solution to help capture their audience's attention.



4K

UHD resolution (3840x2160), better known as 4K, offers a gigantic viewable area with 4 times more information and work space than a Full HD screen. Due to the high DPI (dots per inch), it displays an incredibly sharp and crisp image.



IPS

IPS displays are best known for wide viewing angles and natural, highly accurate colours. They are especially suited for colour-critical applications.

01 DISPLAY CHARACTERISTICS

Design	Thin bezel
Diagonal	54.6", 138.68cm
Panel	IPS
Native resolution	3840 x 2160 @60Hz (8.3 megapixel 4K UHD)
Aspect ratio	16:9
Panel brightness	800 cd/m ²
Static contrast	1200:1
Response time (GTG)	8ms
Viewing zone	horizontal/vertical: 178°/178°, right/left: 89°/89°, up/down: 89°/89°
Colour support	1.07G (8 Bits+FRC)
Horizontal Sync	15 - 160kHz
Viewable area W x H	1209.6 x 680.4mm, 47.6 x 28.6"
Bezel width (sides, top, bottom)	11.3mm, 11.3mm, 11.3mm
Pixel pitch	0.315mm
Bezel colour and finish	black, glossy

02 INTERFACES / CONNECTORS / CONTROLS

Digital signal input	HDMI x2 (max. 3840x2160 @60Hz, RGB 444) DisplayPort x2 (max. 3840x2160 @60Hz)
Monitor control input	RS-232c x1 RJ45 (LAN) x1 IR x1 (Φ3.5 stereo mini)
Digital signal output	DisplayPort x1 (max. 3840x2160 @60Hz, Daisy Chain)
Audio output	Speakers 2 x 10W
Monitor control output	RS-232c x1 IR loop through x1 (Φ3.5 stereo mini)
HDCP	yes
USB ports	x1 (2.0 for service only, DC5V, 500mA)

03 FEATURES

Extra	Intel® SDM-L
Max. non-stop operating time	24/7
Anti image retention	yes
Housing (bezel)	metal

04 GENERAL

OSD languages	EN, DE, FR, ES, IT, CN, RU, JP, CZ, NL, PL
Control buttons	Input select, Up, Down, Plus, Minus, Menu Power
User controls	picture (brightness, contrast, sharpness, black level, gamma selection, ACR, Overdrive, aspect), colour (colour temperature, colour control), audio (volume, mute, maximum volume, minimum volume), OSD (H-Position, V-position, transparency, turn off, rotation, language, power off), tiling (tiling, H-monitors, V-monitors, H-Position, V-position, H-fill, V-fill, frame comp., switch on delay), configuration 1 (switch on state, anti-image retention, RS232-routing, standby control, boot on source, power LED light, factory reset), configuration 2 (logo, moitor ID, heat status, monitor info, IR control keyboard control, HDMI version, DP version), advanced option (date and time, schedule, HDMI with one wire, auto signal detection, standby mode, FM upgrade)

05 MECHANICAL

Orientation	landscape, portrait
VESA mounting	100 x 100mm, 400 x 400mm
Operation temperature range	0°C - 40°C
Storage temperature range	- 20°C - 60°C
MTBF	50.000 hours (excluding backlight)

06 ACCESSORIES INCLUDED

Cables	power, HDMI, RS-232c
Guides	quick start guide, safety guide
Remote control	yes (batteries included)

07 POWER MANAGEMENT

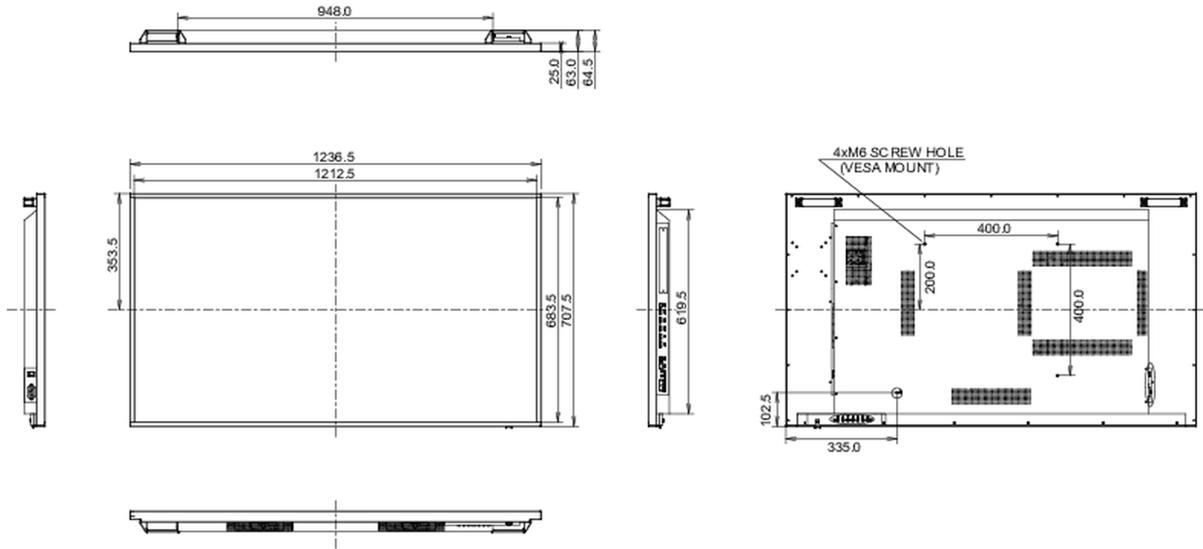
Power supply unit	internal
Power supply	AC 100 - 240V, 50/60Hz
Power usage	183W typical, 0.5W stand by, 0.3W off mode

08 SUSTAINABILITY

Regulations	CB, CE, TÜV-Bauart, EAC, RoHS support, ErP, WEEE, REACH, UKCA
-------------	---

09 DIMENSIONS / WEIGHT

Product dimensions W x H x D	1236.5 x 707.5 x 64.5mm
Weight (without box)	26kg
EAN code	4948570118410



All trademarks and registered trademarks acknowledged. E & O E. Specification subject to change without notice. All LCD's comply with ISO-9241-307:2008 in connection with pixel defects.

© IYAMA CORPORATION. ALL RIGHTS RESERVED