55″ Full-HD Video Wall Display Unit (Ultra Narrow Bezel 3.5mm)

Introduction

With the guidance of system integration and automation control theory, Dahua ultra-narrow splicing video wall display system incorporates the most advanced industrial level high definition LCD technology, multi-screen splicing technology, image processing technology, network technology, etc. together. This makes the entire system a high-brightness, high resolution, intelligent control and easy-to-operate video-wall display system. This videowall system can easily work with the video surveillance system, the dispatching system, and the network system to make an interactive information platform. The design of the entire system's hardware and software fully takes the security, reliability, ease of maintenance and scalability into account. In addition to widely used in monitoring dispatching, the excellent design and flexible installation can also meet the public display, advertising and other commercial needs.

Product Features

- Industrial level DID LCD panel, suitable for extensive 7*24 continuous works.
- Ultra-narrow side LCD patchwork
- High contrast and high brightness greatly enhance the video layering, and present the details of the video.
- High fidelity digital processing, brilliant and vivid video.
- Built-in 3D COMB filter and 3D Noise Reduction
- Abundant interfaces HDMI, DVI, VGA, BNC, support video loop
- Built-in picture splicing function
- Infrared, RS232 double mode, supporting remote PC control ● Fan smart detection, OSD prompt.
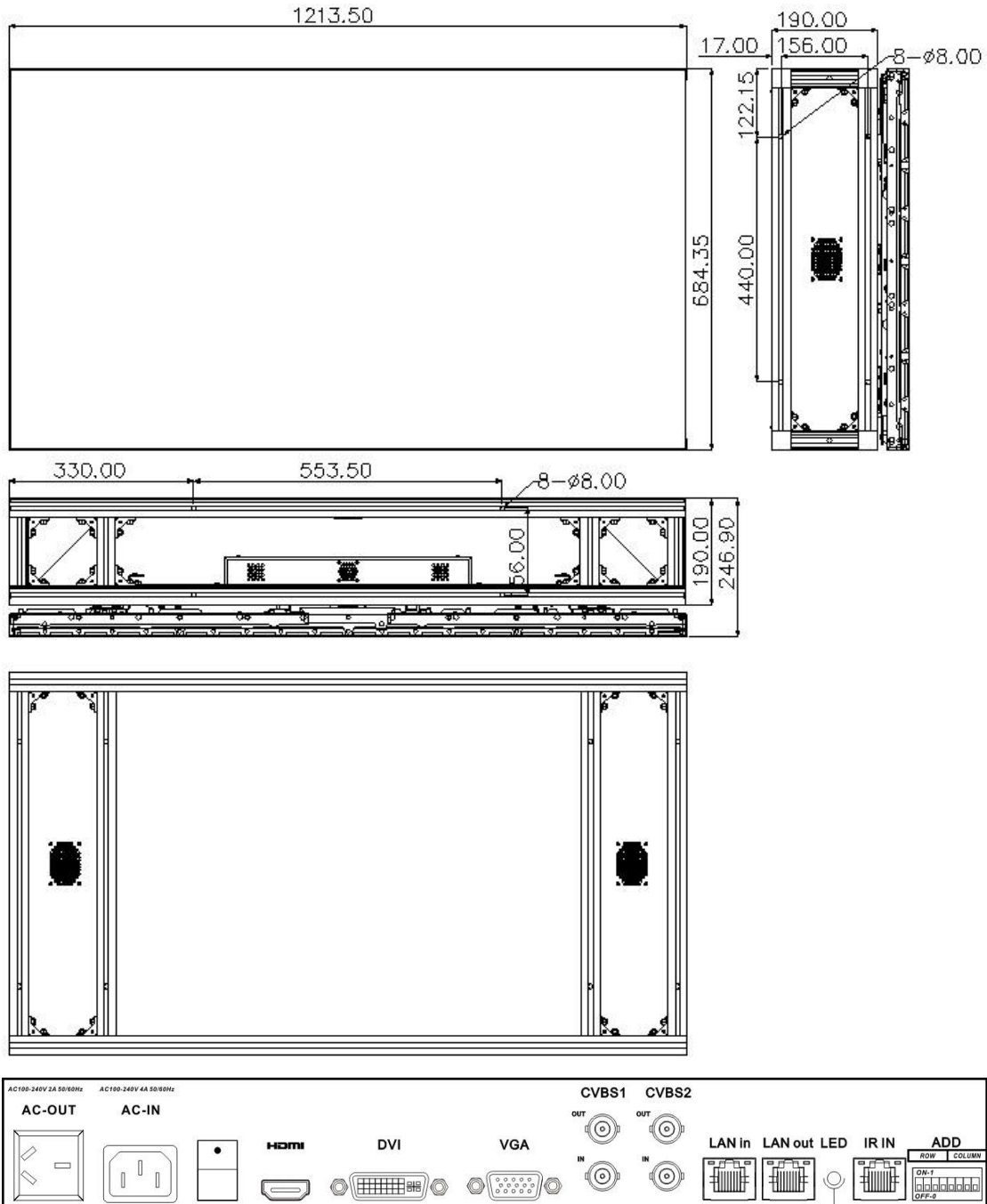- Brightness smart detection, power-saving

DHL550UCH-ES-H

- Using Tamper-proof metal housing, no radiation
- Professional thermal design to extend equipment lifespan
- Built-in power, low energy consumption, ultra-quiet
- Fast stack installation, professional project design, supporting arc-shaped mounting
- Widely used in MCC(monitor command center), Dispatching Platform, Safe City

Technical Specifications

Model	DH-DHL550UCH-ES-H
System	
Diagonal	55"(16:9)
LCD Technology	DID technology for 24*7 usage
Type	S-PVA(FHD)
Resolution	1920×1080 (FHD)
Dot Pitch	0.63mm
Bezel width	Extreme Ultra Narrow 3.5mm (Upper left 2.2: Lower right:1.3)
Optical seam	Ultra Narrow 3.5mm
Refresh rate	60 Hz
Backlight	Direct LED
Pixel Density	40 dpi
Brightness/Luminance (Standard)	700 cd/㎡
Contrast	4500:1 (Adjustable up to 8000:1)
White point (Color Temperature)	10,000 K
Angle of view	178°/178°
Response Time	8ms
Gamut(CIE1931)	72%
Display Color	1.07B Color/10bit
Saturation	92%
Video Signals	
Video Input	CVBS(BNC)×2
PC Signal	VGA(D-Sub)×1
Digital Signal	DVI×1 [1080P(1920×1080), downward compatible]
	HDMI×1 [1080P(1920×1080), downward compatible]
Loop Out	CVBS(BNC)×2

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General	
Consumption (Standard)	150W
Consumption (Standby)	≤1W
Power Supply	AC100-240V~(+/-10%),50/60 Hz
Installation Mode (all optional)	Modular Stacking/ Cabinet installation (Back up)
Cooling System	Industrial Cooling Fan
Control Signal	Infrared, RS232 double mode, supporting remote PC control
Control Manager	RS232 serial control，all way loop，infrared remote control, Remote Client Application, Wall Setup, Source Selection, Status, Brightness, Contrast, Color adjustments, Full Control Application Software and IE Utility.
Frame Color	Black
Case Material	Metal
Gross Weight (including Structural parts)	44kg
Unit Dimension(mm)	1213.50×684.35×246.90
Display Area(mm)	1209.6mm*680.4mm
Package Dimension (mm)	1430mm*330mm*910mm
MTBF	50,000 hours
Backlight lifetime	60,000 H
Work Environment	Temperature：0℃~50℃
	Humidity：10%~95%
	Altitude：0-23000ft
Storage Environment	Temperature：-25℃~70℃
	Humidity：60%~75%
	Altitude：0-43000ft
Features	Double-sided physical seam 3.5mm
	Build-in industrial level fan
	High and low current are installed respectively
	Infrared remote control
	Remote PC centralized control

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Dimensions(mm)

*Design and specifications are subject to change without notice.