

# CHRISTIE FHD554-X

## Ultra-narrow bezel 55" LCD display for performance-driven video walls

With full HD resolution, the Christie® FHD554-X LCD video wall panel supports 4K UHD signals at 60Hz for superior image quality and enables streaming of 4K content. With the ultra-narrow 3.5mm combined bezel width, you get a near-seamless display that doesn't interfere with viewing ability across your video wall. Each panel is factory-calibrated and matched to ensure image uniformity across the entire video wall for fast and easy installation.

An OPS slot allows for easy performance upgrades for control rooms or digital media players for digital signage. Additional built-in processing includes video wall scaling, bezel compensation, staggered power-up and more.

### Key features

- › High-bandwidth input supports 4K UHD resolution at 60Hz for less flicker and better video quality
- › HDMI 2.0 and DisplayPort 1.2 inputs with HDCP 2.2 compliance enable streaming of 4K content
- › DisplayPort 1.2 output allows for 4K UHD at 60Hz sources to be daisy-chained up to 25 panels
- › Built-in scaling supports 4K signals across video walls up to 10x10 configurations
- › OPS slot for flexible integration of various sources
- › 500 nits ideal for control room applications
- › TAA compliant
- › Non-RF for increased security
- › 24/7 operation
- › Ultra-narrow, 3.5mm combined bezel width



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## Technical specifications

## FHD554-X

Display technology	screen size (diagonal)	• 55"
	native resolution	• 1920 x 1080 (16:9)
	backlight	• Direct-lit LED
	LED lifespan	• 50,000 hrs (50% brightness)
	display orientation	• Portrait and landscape
	pixel pitch	• 0.63 x 0.63mm
	bezel size	• 3.5mm combined bezel to bezel
	brightness	• 500 nits (cd/m <sup>2</sup> ) typical
	contrast ratio (full field)	• 5000:1
	viewing angle (CR 10:1)	• 178° h/v
	refresh rate	• 50/60Hz
	response time	• 9.5 ms typical
	color space (CIE 1931)	• 72% typical (NTSC)
	display colors	• 16.7 million, 8 Bit
Signal	inputs	• 2 x HDMI (Ver 2 HDCP 2.2) • DisplayPort (Ver 1.2, HDCP 2.2)
	outputs	• DisplayPort (daisy chains DisplayPort, HDMI, and DVI inputs up to 25 panels from one source) • Built-in processing supports scaling video walls up to 10x10
Control	inputs	• RS-232 via D-Sub9 • Ethernet via RJ-45 • RS485 via RJ45 • Keypad • IR window • IR wire extender
	outputs	• RJ-45 for control looping
Power	input rating	• 100-240 VAC @ 50-60Hz
	power consumption	• 145W typical • 205W maximum <sup>1</sup> • <= 0.5W standby
Environment	operating temperature	• 32-104°F (0-40°C)
	operating humidity	• 35-85% RH non-condensing
	storage temperature	• -4-140°F (-20-60°C)
Physical	size	• (WxHxD) 47.8 x 26.9 x 3.88" (1213.6 x 684.4 x 98.7mm)
	weight	• 63.9lbs (29kg)
	panel mount locations	• VESA standard (WxH) 400 x 400mm, M8
Runtime		• Designed for 24/7 operation <sup>2</sup> featuring a reliable power supply and cooling system
Features		<ul style="list-style-type: none"> <li>• Commercial-grade LCD with LED backlight</li> <li>• TAA compliant</li> <li>• Non-RF</li> <li>• Standard size OPS</li> <li>• Built-in processing supports video walls up to 10x10</li> <li>• Multi-stream transport supports 4K UHD at 60 fps</li> <li>• Anti-glare coating</li> <li>• SNMP for monitoring</li> <li>• Remote and button lock</li> <li>• Pixel Orbiting (IRFM)</li> <li>• Bezel compensation</li> <li>• Kensington lock</li> <li>• Staggered power-up</li> </ul>
Accessories	included	<ul style="list-style-type: none"> <li>• Panel ships with DisplayPort cable</li> <li>• IR remote control</li> <li>• External IR receiver</li> <li>• Power cable</li> <li>• User manual</li> <li>• Ethernet cable</li> </ul>
	optional	• MPL15 6-axis mount for portrait or landscape
Warranty		<ul style="list-style-type: none"> <li>• Three years parts and labor limited warranty</li> <li>• Contact an authorized Christie representative for full details of our limited warranty</li> </ul>

<sup>1</sup> OPS device consumption is not considered.

<sup>2</sup> Avoid static images for extended periods. Refer to the product documentation for additional runtime guidelines. Content and operating conditions can affect the useful life of the product. Please refer to the product documentation and Christie Operating Guidelines for Flat Panels, available at [www.christiedigital.com](http://www.christiedigital.com)

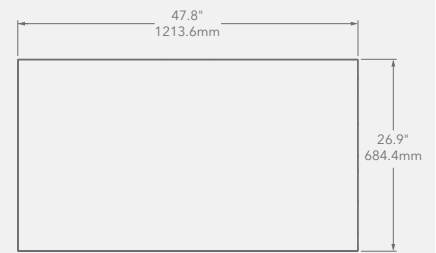
For the most current specification information, please visit [christiedigital.com](http://christiedigital.com)

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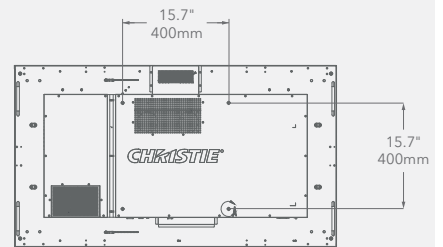


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### Front



### Back



### Bottom



### Side

