

CHRISTIE FHD554-XZ/-R AND FHD554-XZ-H/HR

Premium, sub-1mm bezel LCD video walls

With the latest technology, advanced performance, and intelligent design, your Extreme Series video wall will always look stunning. The Christie® FHD554-XZ and series have an extreme-narrow bezel width of 0.44mm (.88mm combined) that results in a near-seamless display that doesn't interfere with viewing ability.

Our latest platform supports 4K UHD signals at 60Hz on large tiled video walls. We factory-calibrate and match each panel to ensure image uniformity across the entire video wall for fast and easy installation and setup.

An OPS slot allows for easy performance upgrades, and accepts a variety of embedded processing modules 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

- › Extreme-narrow bezel width of 0.88mm (0.44mm per display)
- › OPS slot accepts a variety of embedded processing modules
- › 500 or 700 nits brightness ideal for control room applications
- › Optional remote and redundant power for increased redundancy, serviceability and installation flexibility
- › Ultra-thin installed depth of less than 4" (100mm) with optional 6-axis mount that complies with U.S. ADA regulations
- › Advanced video wall signal and control distribution supports 4K UHD resolution and content scaling across large video walls, up to a 10x10 array
- › Portrait or landscape orientation
- › Active panel health and alert monitoring
- › Advanced panel matching and built-in video wall scaling save installation time
- › Comprehensive connectivity includes HDMI 2.0 and DP 1.2 supports 4K@60Hz sources
- › 24/7 operation
- › 4K UHD resolution and native support



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Technical specifications

Christie FHD554-XZ-R

Christie FHD554-XZ-H/HR

Display technology	screen size (diagonal)	• 55"	
	native resolution	• 1920 x 1080 (16:9)	
	backlight	• Direct-lit LED	
	LED lifespan	• 60,000 hrs (50% brightness)	
	display orientation	• Portrait and landscape	
	pixel pitch	• 0.63 x 0.63mm	
	bezel size	• 0.88mm combined bezel to bezel (0.44mm per side)	
	brightness	• 500 nits (cd/m ²) typical	• 700 nits (cd/m ²) typical
	contrast ratio (full field)	• 1200:1	
	viewing angle (CR 10:1)	• 178° h/v	
	refresh rate	• 50/60Hz	
	response time	• 8 ms typical	
	color space (CIE 1931)	• 72% typical	
	display colors	• 1.07 billion, 10 Bit	
Signal	inputs	• 2 x HDMI™ (Ver 2.0, HDCP2.2) • 2 x DisplayPort™ (Ver 1.2, HDCP2.2) • OPS (HDMI 2.0)	
	outputs	• DisplayPort 1.2 (daisy chains up to 25 panels from one source)	
Control	inputs	• RS-232 via D-Sub9 • RJ-45 LAN • Keypad • IR window • IR wire extender	
	outputs	• RJ-45 for control looping	
Power	input rating	• 100-240 VAC @ 50-60Hz	
	power consumption	• FHD554-XZ: 205 (Typical) 265 (Maximum) without OPS ¹ Standby - <=0.5W • FHD554-XZ-R: 205 (Typical) 265 (Maximum) without OPS ¹ Standby - <=0.5W	• FHD554-XZ-H: 205 (Typical) 280 (Maximum) without OPS ¹ Standby - <=0.5W • FHD554-XZ-HR: 205 (Typical) 265 (Maximum) without OPS ¹ Standby - <=0.5W
Environment	operating temperature	• 32-104°F (0-40°C)	
	operating humidity	• 20-90% RH non-condensing	
	storage temperature	• -4-140°F (-20-60°C)	
Physical	size (without handles)	• (WxHxD) 47.6 x 26.8 x 3.75" (1210.5 x 681.2 x 95.3 mm)	
	weight (without handles)	• 62lbs (28kg)	
	panel mount locations	• VESA (WxH) 400 x 400mm, M8 (15mm internal depth)	
Runtime	• Designed for 24/7 operation ² featuring a reliable power supply and cooling system		
Features	<ul style="list-style-type: none"> • Commercial-grade LCD with LED backlight • Standard size OPS • Built-in processing supports video walls up to 10x10 • Anti-glare coating • Video Wall Toolbox software • SNMP for monitoring • Multi-stream transport supported across up to four panels (UHD at 60fps) • Remote and button lock • Pixel Orbiting (IRFM) • Bezel compensation • Kensington lock 		
Accessories	included	<ul style="list-style-type: none"> • Panel ships with DisplayPort cable • IR remote control • External IR receiver • Power cable • Control daisy chain cable • Spacer tool • Safety guide 	
	optional	<ul style="list-style-type: none"> • MPL15 landscape/portrait capable LCD video wall mount • ML25 6-axis landscape mount for mounting depth of <= 4"(100mm) • Remote Power Supply Rectifier (FHD554-XZ-HR & FHD554-XZ-R) • Remote Power Supply Shelf (FHD554-XZ-HR & FHD554-XZ-R) • DC Power Cables (FHD554-XZ-HR & FHD554-XZ-R) 	
Warranty	<ul style="list-style-type: none"> • Three years parts and labor limited warranty • Contact an authorized Christie representative for full details of our limited warranty 		

¹ OPS device consumption is not considered.

² 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 user manual and available at www.christiedigital.com

For the most current specification information, please visit christiedigital.com

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