

CHRISTIE FHD553-X

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

With full HD resolution, the Christie® FHD553-X supports 4K UHD signals at 60Hz when tiled in a 2x2 video wall. Each panel is factory-calibrated and matched to ensure image uniformity across the entire video wall for fast and easy installation and setup. The ultra-narrow 3.5mm combined bezel width results in a near-seamless display that doesn't interfere with viewing ability.

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

- › 24/7 operation
- › FHD resolution with support for 4K UHD in a 2x2 configuration
- › Built-in scaling supports 4K signals across video walls up to 10x10 configurations
- › Portrait or landscape orientation
- › 500 nits ideal for control room applications
- › Ultra-narrow, 3.5mm combined bezel width
- › OPS slot accommodates a variety of embedded processing modules for a powerful control room solution



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Technical specifications

Christie FHD553-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 ²) typical
	contrast ratio (full field)	• 4000:1
	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	• 16.7 million, 8 Bit
Signal	inputs	• 2 x HDMI (Ver 1.4, HDCP) • DisplayPort (Ver 1.2, HDCP) • DVI-D (HDCP) • VGA
	outputs	• DisplayPort (daisy chains DisplayPort, HDMI, and DVI inputs up to 16 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	• 195W typical • 220W maximum ¹ • <= 0.5W standby
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) 47.8 x 26.9 x 3.6" (1213.3 x 684.4 x 92.6mm)
	weight (without handles)	• 62.8lbs (28.5kg)
	panel mount locations	• VESA standard (WxH) 400 x 400mm, M8
Runtime		• Designed for 24/7 operation ² featuring a reliable power supply and cooling system
Features		• Commercial-grade LCD with LED backlight
		• Standard size OPS
		• Built-in processing supports video walls up to 10x10
		• Multi-stream transport supported across up to four panels (UHD at 60 fps)
		• Anti-glare coating
		• SNMP for monitoring
		• Remote and button lock
		• Pixel Orbiting (IRFM)
		• Bezel compensation
		• Kensington lock
Accessories	included	• Panel ships with DisplayPort cable • IR remote control • External IR receiver • Power cable • Control daisy chain cable • Rear alignment brackets • User manual • IR extender • Ethernet cable
	optional	• MPL15 6-axis mount for portrait or landscape • ML20 for ADA compliant mount • Trim kit
Warranty		• 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 documentation and Christie Operating Guidelines for Flat Panels, available at www.christiedigital.com

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

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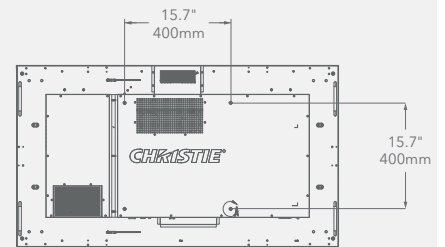


CHRISTIE®

Front



Back



Bottom



Side

