

Christie Extreme Series LCD panels

Extreme-narrow bezel LCD panels for impressive video walls



Technical specifications		Christie FHD553-XE	Christie FHD553-XE-R	Christie FHD553-XE-H	Christie FHD553-XE-HR
Display technology	screen size (diagonal)	• 55" (139.7cm)			
	native resolution	• 1920 x 1080 (16:9)			
	backlight	• Direct-lit LED			
	LED lifespan	• 50,000 hours to 50% brightness			
	display orientation	• Portrait and landscape			
	pixel pitch	• 0.63 x 0.63mm			
	nominal bezel size	• 1.7mm combined bezel to bezel			
	brightness	• 500 nits (cd/m ²) typical	• 500 nits (cd/m ²) typical	• 700 nits (cd/m ²) typical	• 700 nits (cd/m ²) typical
	contrast ratio (full field)	• 4000:1 typical			
	viewing angle (CR 10:1)	• 178° h/v			
	refresh rate	• 50-60Hz			
	response time	• 8ms typical			
	color space (CIE 1931)	• 72% typical			
display colors	• 8 bit, 16.7 million				
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)			
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	• 48 VDC from remote power supply unit	• 100-240 VAC @ 50-60Hz	• 48 VDC from remote power supply unit
	power consumption	• 145W (Typ.) • 195W (Max.) without OPS ¹ • Standby -> ≤0.5W	• 130W (Typ.) • 170W (Max.) without OPS ¹	• 195W (Typ.) • 245W (Max.) without OPS ¹	• 165W (Typ.) • 225W (Max.) without OPS ¹
Environment	operating temperature	• 41-95°F (5-35°C)			
	operating humidity	• 20-90% RH non-condensing			
Physical	size (without handles)	• (WxHxD) 47.7 x 26.9 x 3.6" (1211.5 x 684.2 x 92.0mm)			
	weight (without handles)	• 62.8lbs (28.5kg)			
	mounting	• Works with Christie® ML20 mount for a depth of ≤ 4" (100mm) • VESA (WxH) 400 x 400mm, M8 (15mm internal depth)			
Runtime	• Designed for 24/7 operation featuring a reliable power supply and cooling system ²				
Features	<ul style="list-style-type: none"> • Commercial-grade LCD with LED backlight • Standard size OPS • Christie Phoenix® EP supported • Built-in processing supports video walls up to 10x10 • Multi-stream transport supported across up to four panels (UHD at 60fps) • Anti-glare coating • Smart Light Control sensor automatically matches video wall display brightness • Fast-motion compensation (anti-tearing) • SNMP for monitoring • 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 (AC or DC daisy chain) • Control daisy chain cable • Alignment brackets • User Manual 			
	optional	<ul style="list-style-type: none"> • MPL15 landscape/portrait capable LCD video wall mount • ML20 6-axis landscape mount for mounting depth of ≤ 4" (100mm) 			
	optional for remote power	<ul style="list-style-type: none"> • Remote Power Supply Unit Shelf allowing for redundancy • Power Supply Unit Module (Rectifier) and 240V line cord • First cable options ranging from 6M (~20") to 75M (246"), and field termination options are available 			
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's consumption is only considered at maximum power consumption.

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

Copyright 2023 Christie Digital Systems USA, Inc. All rights reserved. Our centers of excellence for manufacturing in Kitchener, Ontario, Canada and in Shenzhen, China are ISO 9001:2015 Quality Management System-certified. All brand names and product names are trademarks, registered trademarks or tradenames of their respective holders. "Christie" is a trademark of Christie Digital Systems USA, Inc., registered in the United States of America and certain other countries. DLP® and the DLP logo are registered trademarks of Texas Instruments. Performance specifications are typical. Due to constant research, specifications are subject to change without notice. CD3998-Extreme-Series-LCD-Panels-SpecSheet-Oct-23-EN

