

# 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 <sup>2</sup> ) typical	• 500 nits (cd/m <sup>2</sup> ) typical	• 700 nits (cd/m <sup>2</sup> ) typical	• 700 nits (cd/m <sup>2</sup> ) typical
	contrast ratio (full field)	• 4000:1 typical			
	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	• 8 bit, 16.7 million			
Signal	inputs	• 2 x HDMI (Ver 1.4, HDCP) • DisplayPort (Ver 1.2, HDCP) • DVI-D (HDCP) • VGA • IR window • IR wire extender			
	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			
	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	• 195W (Typ.) • 245W (Max.) without OPS <sup>1</sup> • Standby -> ≤0.5W	• 165W (Typ.) • 225W (Max.) without OPS <sup>1</sup>	• 195W (Typ.) • 245W (Max.) without OPS <sup>1</sup>	• 165W (Typ.) • 225W (Max.) without OPS <sup>1</sup>
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)	• 56.9lbs (25.8kg)			
	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 <sup>2</sup>			
Features		• 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 60 fps) • 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	• 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	• ML20 6-axis landscape mount for mounting depth of ≤ 4"(100mm)			
	optional for remote power	• 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		• Three year parts and labor limited warranty • Contact an authorized Christie representative for full details of our limited warranty			

<sup>1</sup> OPS's consumption is only considered at maximum power consumption.

<sup>2</sup> Avoid static images for extended periods. Refer to the user manual for additional runtime guidelines.

Content and operating conditions can affect the useful life of the product. Please refer to the product user manual and Christie Operating Guidelines for Flat Panels, available at [www.christiedigital.com](http://www.christiedigital.com)

### Corporate offices

Christie Digital Systems USA, Inc.  
Cypress  
ph: 714 236 8610  
  
Christie Digital Systems Canada Inc.  
Kitchener  
ph: 519 744 8005

### Worldwide offices

Australia  
ph: +61 (0) 7 3624 4888  
  
Brazil  
ph: +55 (11) 2548 4753  
  
China (Beijing)  
ph: +86 10 6561 0240  
  
China (Shanghai)  
ph: +86 21 6278 7708  
  
France  
ph: +33 (0) 1 41 21 44 04

Germany  
ph: +49 2161 664540  
  
India  
ph: +91 (080) 6708 9999  
  
Japan (Tokyo)  
ph: 81 3 3599 7481  
  
Korea (Seoul)  
ph: +82 2 702 1601  
  
Mexico  
ph: +52 55-4744-1790

Republic of South Africa  
ph: +27 11 251 0000  
  
Russian Federation  
and Eastern Europe  
ph: +36 (0) 1 47 48 100  
  
Singapore  
ph: +65 6877 8737  
  
Spain  
ph: +34 91 633 9990  
  
United Arab Emirates  
ph: +971 4 3206688

United Kingdom  
ph: +44 (0) 118 977 8000  
  
United States (Arizona)  
ph: 602 943 5700  
  
United States (New York)  
ph: 646 779 2014  
  
**Independent sales  
consultant offices**  
  
Italy  
ph: +39 (0) 2 9902 1161

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



Copyright 2016 Christie Digital Systems USA, Inc. All rights reserved. All brand names and product names are trademarks, registered trademarks or tradenames of their respective holders. Christie Digital Systems Canada Inc.'s management system is registered to ISO 9001 and ISO 14001. Performance specifications are typical. Due to constant research, specifications are subject to change without notice.

Printed in Canada on recycled paper. 4410 Dec 16

**CHRISTIE®**