

CHRISTIE CORE SERIES III

Corporates | Retail | Hospitality | Government | Public spaces | Education

Solid performance meets excellent value

Christie® Core Series III delivers the performance and reliability you expect with even better value, including lower power consumption, for a video wall up to 40% more energy efficient than the previous Core Series.

Available in a range of pixel pitches, Core Series III video walls are ideal for any size installation where price is a factor, such as corporate lobbies, meeting rooms, and digital signage applications.

Lighter than the predecessor by as much as 30%, the Core Series III is easier to handle and install with our ADA-compliant direct-mount system. With lighter weight and front-serviceability, these LED video walls are easy to maintain.

And because our technology is designed to work together, you can build a complete LED video wall solution with Core Series III that works for your space and budget.

Key features

- › Available in a range of pixel pitches from 0.9mm to 2.5mm
- › Lighter weight: 30% lighter than the Core Series II
- › 24/7 operation
- › 800 nits
- › 100,000 hours (typical)
- › Simple, concealed cable design
- › Full-front access for easy installation and service
- › ADA-compliant direct-mount system
- › 16:9 aspect ratio scales to common resolutions, including HD and UHD (4K)
- › Compatible with our E510 and E600 controller for enhanced processing.
- › Lower power consumption: up to 40% more energy efficient than Core Series II



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Technical specifications

Christie Core Series III

Models	LED009-C3-I	LED012-C3-I	LED015-C3-I	LED018-C3-I	LED025-C3-I	
Display technology	pixel pitch	• 0.9mm	• 1.25mm	• 1.5625mm	• 1.875mm	• 2.5mm
	pixel configuration	• Mini 2 x 2	• 3-in-1 (1 red, 1 green, 1 blue)			
	pixel density	• 1,137,777 pixels/m ²	• 640,000 pixels/m ²	• 409,600 pixels/m ²	• 284,444 pixels/m ²	• 160,000 pixels/m ²
	maximum calibrated brightness	• 800 nits (cd/m ²) • 3-in-1 (1 red, 1 green, 1 blue)				
	aspect ratio	• 16:9				
	contrast ratio (full field)	• 5000:1 @ 1Lux • 1500:1 @ 10Lux				
	viewing angle	• 160°H, 160°V				
	refresh rate	• >3840 Hz				
	scan rate	• 1/36	• 1/45	• 1/36	• 1/45	• 1/27
	color temperature	• 3000-9500 K				
	display colors	• 4.39 trillion (14-bit)				
	color space	• 97% NTSC coverage				
	Signal	inputs	• E510 • E600 controller: HDMI 2.0 (HDCP), DisplayPort 1.2 (HDCP), Dual DVI-D (HDCP)			
power input rating - supply		• 100-240 VAC at 50-60 Hz				
Power	power consumption per tile	• 63W Typical • 185W Maximum	• 50W Typical • 145W Maximum	• 40W Typical • 115W Maximum	• 35W Typical • 105W Maximum	• 30W Typical • 90W Maximum
	heat output per tile	• 215 BTU/hr Typical • 631 BTU/hr Maximum	• 170 BTU/hr Typical • 495 BTU/hr Maximum	• 136 BTU/hr Typical • 392 BTU/hr Maximum	• 119 BTU/hr Typical • 358 BTU/hr Maximum	• 102 BTU/hr Typical • 307 BTU/hr Maximum
Environment	operating temperature	• 32-104 F (0-40 C)				
	operating humidity	• 10-90% non-condensing				
	storage temperature	• 14-122 F (-10-50 C)				
	environment	• Indoor				
	IP rating	• 20				
	LED lifespan	• 100,000 hours (typical)				
	runtime	• 24/7				
Physical	tile dimensions	• (W x H x D) 23.62 x 13.29 x 1.14" (600 x 337.5 x 29mm)				
	tile dimensions (installed)	• (W x H x D) 23.62 x 13.29 x 2.36" (600 x 337.5 x 60mm)				
	diagonal	• 27.1" (688mm)				
	tile area	• 2.18ft ² (0.2025m ²)				
	tile resolution	• 640 x 360 pixels	• 480 x 270 pixels	• 384 x 216 pixels	• 320 x 180 pixels	• 240 x 135 pixels
	tile gross weight	• 11.46lbs (5.2kg) /56.66lbs (25.7kg) per m ²				
	tile net weight	• 9.92lbs (4.5kg) /48.94lbs (22.2kg) per m ²				
	total installed weight	• 11.24lbs (5.1kg) /55.57lbs (25.2kg) per m ²				
	tile array size to be achieved HD	• 3x3	• 4x4	• 5x5	• 6x6	• 8x8
	tile array size to be achieved UHD	• 6x6	• 8x8	• 10x10	• 12x12	• 16x16
	cabinet design	• Die-cast aluminum				
	orientation	• Landscape				
	service access	• Full service from front				
	installation options	• Flat				
	direct mount system	• Included, ADA-compliant				
additional system components	• The Controller E510 or E600 can be ordered individually					
Certifications ¹	• BIS, FCC, CB, cTUVus, PSE					
Warranty	• Three years parts and labor limited warranty • Contact an authorized Christie representative for full details on our limited warranty					

¹ Some of the listed certifications may be pending and not yet issued. For the current status of the listed certifications, please contact an authorized Christie representative.

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

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