

CHRISTIE CORE SERIES II

PRELIMINARY

Reliable, affordable, high-value LED video walls

Christie® Core Series II LED tiles offer a reliable and affordable option for video wall applications. Available in a range of pixel pitches, Core Series II is ideal for permanent indoor applications where budget is a factor, from public spaces and corporate venues, to industry and government command and control rooms.

Core LED includes our ADA-compliant direct-mount system, which provides a sleek form factor and eliminates the need for a costly mounting frame. Redundant on-board power as well as front-serviceability makes Core LED easy to install and maintain. Like all Christie LED, we back Core Series II with industry-leading warranties, support, and leasing programs—giving you the ultimate peace of mind.

Key features

- › Available in a range of pixel pitches—from 0.9mm to 2.5mm
- › 24/7 operation
- › Simple, concealed cable design
- › Redundant on-board power
- › Full-front access for easy installation and service
- › ADA-compliant direct-mount system
- › Scales to common resolutions including HD and 4K
- › Powered by our E510 or the E600 controller for simple system design and enhanced processing that can deliver 4K@60Hz, HDR10 and low-brightness enhancements



CHRISTIE®

Technical specifications

Christie Core Series II

| | | LED009-C2-I | LED012-C2-I | LED015-C2-I | LED018-C2-I | LED025-C2-I |
|------------------------------|--|--|---|--|---|--|
| Display technology | pixel pitch | • 0.9mm | • 1.25mm | • 1.5625mm | • 1.875mm | • 2.5mm |
| | pixel configuration | • 3-in-1 (1red 1 green 1 blue) | | | | |
| | pixel density | • 1,137,777 pixels/m ² | • 640,000 pixels/m ² | • 409,600 pixels/m ² | • 284,266 pixels/m ² | • 160,000 pixels/m ² |
| | maximum calibrated brightness | • 800 nits (cd/m ²) | | | | |
| | aspect ratio | • 16:9 | | | | |
| | contrast ratio (full field) | • 5000:1 @ 1Lux • 2000:1 @ 10Lux | | | | |
| | viewing angle | • 160°H, 160°V | | | | |
| | refresh rate | • >3840Hz | | | | |
| | scan rate | • 1/36 | • 1/45 | • 1/36 | • 1/30 | • 1/27 |
| | color temperature | • 2700-9600K | | | | |
| | display colors | • 4.39 trillion (14-bit) | | | | |
| | color space | • 97% NTSC coverage | | | | |
| | Signal | inputs | • E510 controller: DVI (HDCP), HDMI (HDCP), 3G-SDI • E600 controller: HDMI 2.0 (HDCP), DisplayPort 1.2 (HDCP), Dual DVI-D (HDCP) | | | |
| Power | power input rating - supply | • 100-240 VAC @ 50-60Hz | | | | |
| | power consumption per tile | • 78W Typical • 235W Maximum | • 61W Typical • 182W Maximum | • 59W Typical • 176W Maximum | • 58W Typical • 174W Maximum | • 32W Typical • 97W Maximum |
| | heat output per tile | • 266 BTU/hr Typical • 802 BTU/hr Maximum | • 208 BTU/hr Typical • 620 BTU/hr Maximum | • 201 BTU/hr Typical • 600 BTU/hr Maximum | • 189 BTU/hr Typical • 594BTU/hr Maximum | • 109 BTU/hr Typical • 331 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 | • 30 | | | | |
| | LED lifespan | • 100,000 hours (typical) | | | | |
| | runtime | • 24/7 | | | | |
| Physical | tile dimensions | • (WxHxD) 23.62 x 13.29 x 1.5" (600 x 337.5 x 38mm) | | | | |
| | tile dimensions (installed) | • (WxHxD) 23.62 x 13.29 x 2.75" (600 x 337.5 x 70mm) | | | | |
| | diagonal | • 27.1" (688mm) | | | | |
| | tile area | • 2.18-ft 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 weight | • 14.33lbs (6.5kg) / 70.55lbs (32kg) per square meter | | | | |
| | tile net weight | • 18.96lbs (8.6kg) / 93.63 lbs (42.5kg) per square meter | | | | |
| | total installed weight | • TBD | | | | |
| | 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 • Concave | | | | |
| | direct mount system | • Included, ADA-compliant | | | | |
| additional system components | • Controller sold separately | | | | | |
| Certifications ¹ | • CE (includes EMC), FCC, IC; CB, cULus/cCSAus/cETLus/cTUVus, RCM | | | | | |
| Warranty | • Three years parts and labor standard limited warranty, and extended warranty option available for a one-time fee at time of purchase. Contact an authorized Christie representative for full details | | | | | |

¹ Certain 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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