Christie G Series

Boardrooms
Conference rooms
Education
Government

Houses of worship
Museums
Training rooms

CHRISTIE
DWU600-G

DLP
PICTURE BY
TEXAS INSTRUMENTS

CHRISTIE®

Unsurpassed value, versatility and long-life performance

What does value mean to you? We think it's the fine balance between quality, performance, support and cost. The Christie® G Series offers you unsurpassed value – with energy saving features, low maintenance costs, numerous standard features, and the best warranty and support in the industry.

Built with proven DLP® technology, the Christie G Series gives you excellent image quality and reliability. At 6000 lumens, this is the brightest platform in its category.

Ideal for 24/7 operation, the filter-free, dust-sealed design prevents dust and dirt from affecting the projector, ensuring that image quality is preserved and maintenance costs are minimal. Shipping with standard zoom lens, the Christie G Series is packed with ProAV features, including three resolution options, built-in color matching for a more uniform image in a multi-projector configuration, and blending and warping capabilities to handle curved surfaces.

High brightness

The brightest in its class, the Christie G Series delivers exceptional images.

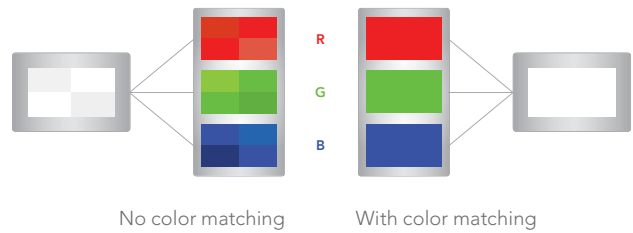|	
Christie DWX600-G – 6150 ANSI lumens (6400 center lumens)	
Christie DHD600-G – 5950 ANSI lumens (6200 center lumens)	
Christie DWU600-G – 6050 ANSI lumens (6300 center lumens)	

Six-segment color wheel

Comes with high-brightness color wheel for standard applications and uses.

Three resolution options

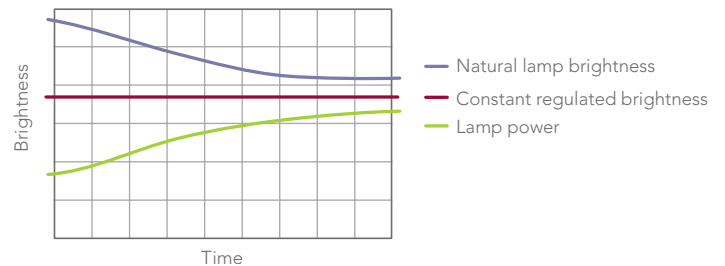| WXGA model	Amazing performance value
Native HD model	Maintain and maximize your brightness
WUXGA model	Ideal for graphic intensive applications

Color matching

When used with multiple projectors, this feature ensures accurate color matching and uniformity across the entire image.

No color matching   With color matching

Constant intensity mode

For tiled arrays, the constant intensity mode automatically increases brightness as the lamps wear out over time in order to maintain the overall brightness and image consistency across the display.

— Natural lamp brightness
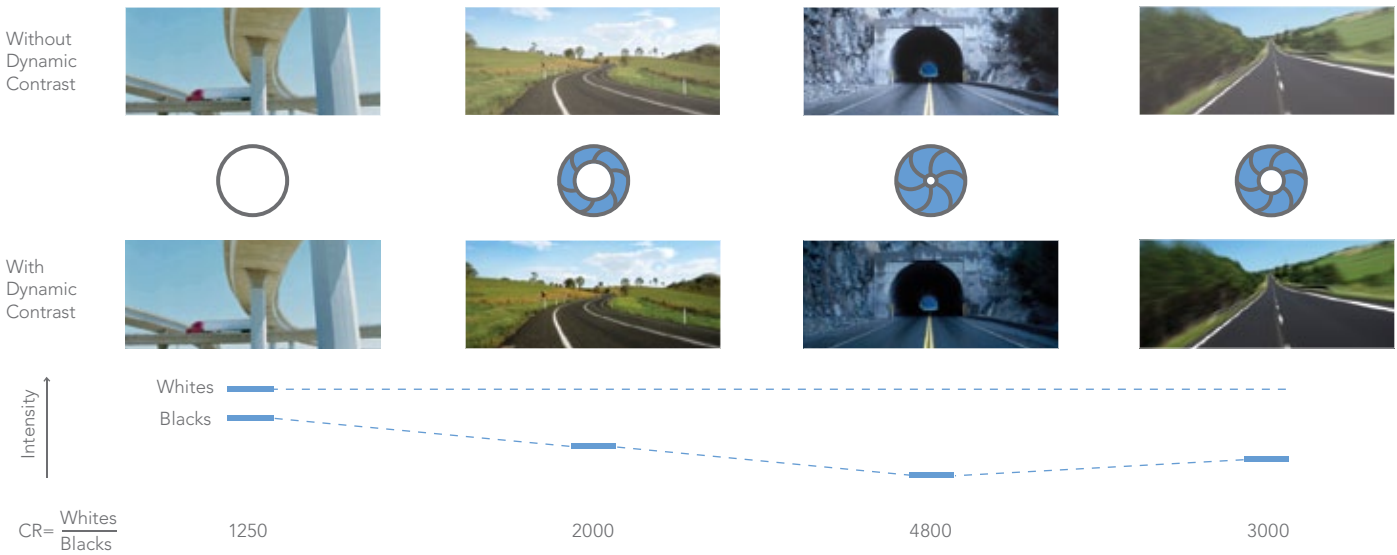— Constant regulated brightness
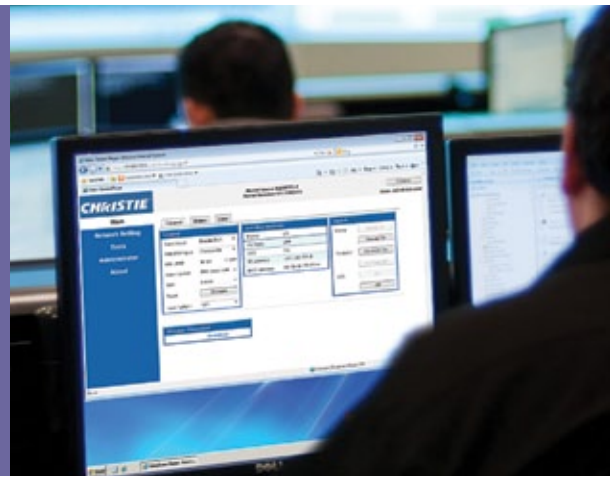— Lamp power

Dynamic Contrast

The Dynamic Contrast feature further enhances the image quality of the Christie G Series by increasing the contrast ratio to 4800:1. This series ships standard with a high-brightness, six-segment color wheel for maximum brightness and excellent color range.

Ideal for video applications, the Dynamic Contrast automatically adjusts an internal iris to extend the range of blacks and provide richer details during dark content for true image reproduction.

Without Dynamic Contrast

With Dynamic Contrast

Intensity

Whites

Blacks

$$CR = \frac{Whites}{Blacks}$$

| 1250 | 2000 | 4800 | 3000 |

We understand the unique needs of your application

No application requirements are the same. We strive to pack all the features crucial to the success of your display into one compact chassis minimizing the expense of purchasing additional "out of projector" technologies. The Christie G Series is the full package.

24/7 use capability

The Christie G Series offers sealed, dust-free housing and heat-pipe cooling system that enables the projector to run 24 hours a day, 7 days a week in continuous operation.

Wireless projection

Easy connectivity
Less cluttered meeting space
Cable-free management

360 degree projection

The Christie G Series can project from a table top, be ceiling mounted, straight down or straight up. However you spin it, the Christie G Series will fit your needs.

Projector control

Control the projector through a web-user interface
SNMP (simple network management protocol) lets you remotely monitor a Christie projector and get status changes on various parameters

Christie Presenter

The Christie Presenter application allows up to four remote desktops from host PC's to be displayed on the network through Ethernet, USB, or wireless transports. It can adapt to different network settings (DHCP, fixed IP, and direct link by USB/Ethernet cable).

Motorized zoom, focus and lens shifts

For easy installation and configuration, the Christie G Series comes with motorized zoom, focus and lens shift to ensure your image is aligned tight within the desired viewing area for every presentation. The mechanical shutter allows for quick pauses in your display when the need arises to shutter the image.
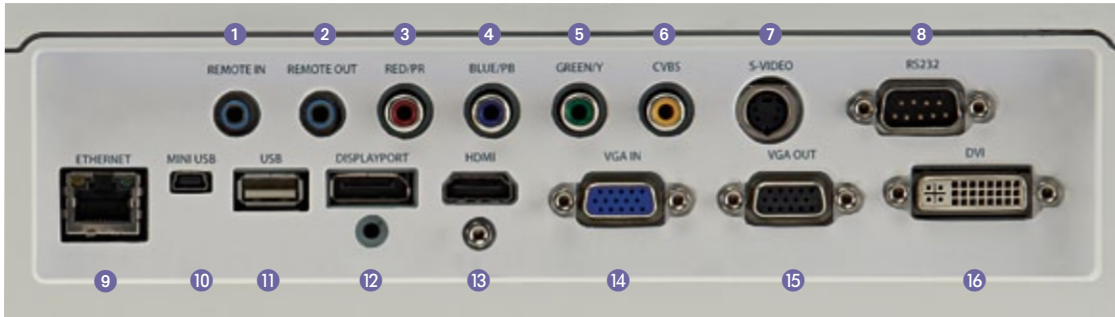
Picture-in-picture/picture-by-picture functions offer different layout options

A30H PIP/PBP Matrix	Main									
	HDMI	VGA	Component	S-video	CVBS	RJ45	USB type B (mini)	USB type A	DisplayPort	DVI-D
HDMI	–	–	–	–	–	•	•	•	•	•
VGA	–	–	–	–	–	•	•	•	•	•
Component	–	–	–	–	–	•	•	•	•	•
S-video	–	–	–	–	–	•	•	•	•	•
CVBS	–	–	–	–	–	•	•	•	•	•
RJ45	•	•	•	•	•	–	–	–	–	–
USB type B (mini)	•	•	•	•	•	–	–	–	–	–
USB type A	•	•	•	•	•	–	–	–	–	–
DisplayPort	•	•	•	•	•	–	–	–	–	–
DVI-D	•	•	•	•	•	–	–	–	–	–

• = PIP/PBP combinations are enabled   – = PIP/PBP combinations are disabled

① Remote in	⑤ Green/Y	⑨ Ethernet	⑬ HDMI
② Remote out	⑥ CVBS	⑩ Mini USB	⑭ VGA-IN
③ Red/Pr	⑦ S-video	⑪ USB	⑮ VGA-OUT
④ Blue/Pb	⑧ RS-232	⑫ DisplayPort	⑯ DVI

Blending and warping capabilities (optional)

Coupled with the internal color matching functions, blend and warp capabilities enable the projector to be used in high-end applications where large images are needed. An optional dual processor warp module is required to blend and warp displays.

▲ Dual processor warp module

Warp modes: Keystone, 4-Corner, Curve, Pincushion, Barrel and Rotation[1]

Projection surface	Warping capabilities
Curved screens	
Tilted screen	

[1] Reference User Manual for combination compatibility of warp modes.

A suite of lens options to choose from

Our suite of lenses for HD and WUXGA resolutions increases installation flexibility. Christie G Series ships with a standard 1.22-1.52:1 zoom lens.
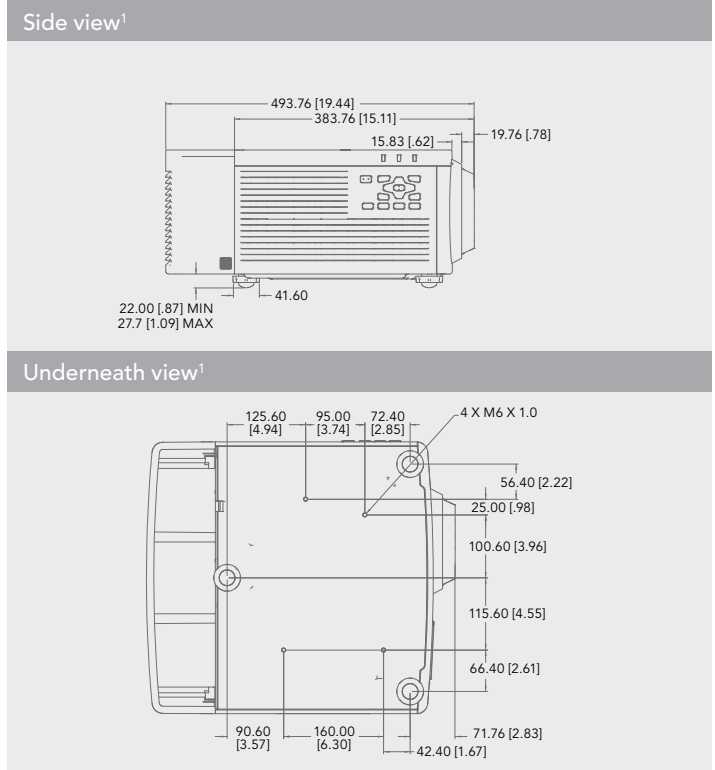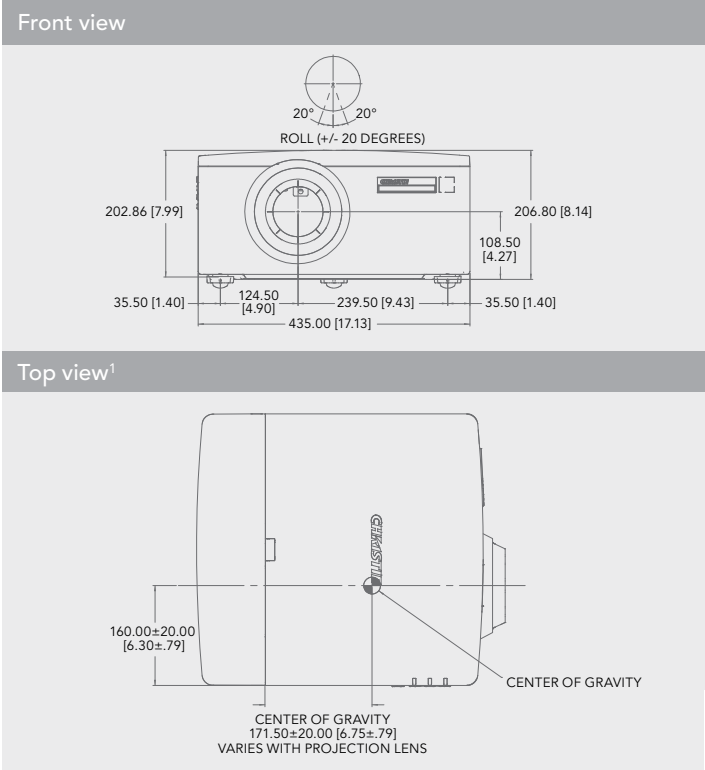
Accessories and options

Description		Part Number
Lenses	0.95-1.22 zoom	140-101103-01
	1.22-1.52 zoom	140-100102-01
	1.52-2.89 zoom	140-102104-01
	2.90-5.50:1 zoom	104-107109-01
Ceiling mount		140-105107-01
Ceiling mount extension		104-101001-XX
Dual processor warp module		133-111104-01
Wireless dongle		133-113106-01
Cable cover		140-103105-01
Lamp		003-004808-01

▲ Full suite of lenses

▲ Christie G Series cable cover

Front view

20° 20°
ROLL (+/- 20 DEGREES)

202.86 [7.99]
206.80 [8.14]
108.50 [4.27]
35.50 [1.40]
124.50 [4.90]
239.50 [9.43]
35.50 [1.40]
435.00 [17.13]

Side view[1]

493.76 [19.44]
383.76 [15.11]
15.83 [.62]
19.76 [.78]
22.00 [.87] MIN
27.7 [1.09] MAX
41.60

Top view[1]

160.00±20.00 [6.30±.79]
CENTER OF GRAVITY
CENTER OF GRAVITY
171.50±20.00 [6.75±.79]
VARIES WITH PROJECTION LENS

Underneath view[1]

125.60 [4.94]
95.00 [3.74]
72.40 [2.85]
4 X M6 X 1.0
56.40 [2.22]
25.00 [.98]
100.60 [3.96]
115.60 [4.55]
66.40 [2.61]
90.60 [3.57]
160.00 [6.30]
71.76 [2.83]
42.40 [1.67]

[1] Projector shown with optional cable cover

Going above and beyond

We care about our customers. Your satisfaction is our ultimate goal. We stand behind our products with our second-to-none warranty and service programs.

Christie support and service

All Christie products are backed by industry-leading warranties and our renowned service. We ensure you have all the training, service and technical support you need. Christie has local technicians on five continents for international installations and global deployments.

Environmental responsibility

At Christie® we recognize our responsibility to control the impact of our business on the environment. We take pride in offering eco-friendly features in our products that are not only good for the environment, but also translate to a lower total cost of ownership for our customers.

		Christie DWX600-G	Christie DHD600-G	Christie DWU600-G
Image	brightness	• 6150 ANSI lumens (6400 center lumens)	• 5950 ANSI lumens (6200 center lumens)	• 6050 ANSI lumens (6300 center lumens)
	color wheel	• 6 Segment (RGBCYW)		
	contrast	• 4000:1 (Dynamic Contrast Enabled); 1000:1 (full on/off); 250:1 ANSI	• 4800:1 (Dynamic Contrast Enabled); 1200:1 (full on/off); 250:1 ANSI	
Display	type	• 1-chip 0.65" DMD		• 1-chip 0.67" DMD
	native resolution	• 1280 x 800 (1,024,000 pixels) 16:10	• 1920 x 1080 (2,073,600 pixels) 16:9	• 1920 x 1200 (2,304,000 pixels) 16:10
Lamp	type	• 465W NSH		
	typical lifetime	• 2000 hrs minimum @ 465W • 2500 hrs typical @ 360W		
Inputs	standard	• HDMI x 1 • DVI-D x 1 (Digital only) • DisplayPort x 1 • HD15 x 1 • Composite video x 1 (RCA) • S-Video x 1 (mini DIN) • Component video (RCA) • USB x 1 (type B mini) - Display over USB • USB x 1 (type A) - Image viewer or Wi-Fi dongle (optional) • RJ45 x1		
	signals	• HDTV formats VGA through to WUXGA (1920 x 1200) • Horizontal and vertical scaling while maintaining aspect ratio, all inputs		
	pixel clock	• 162 MHz		
	scan rates	• Horizontal: 15-100kHz • Vertical: 24-85Hz		
Outputs	monitor out	• HD15 x 1		
Control and networking		• RS-232 in • Ethernet (10/100) RJ45 with ChristieNET™ connectivity • Built-in backlit keypad • Wired remote control (3.5mm stereo)		
Accessories	standard	• IR Remote with wired remote jack (wire not included) • AC Line cord for projector head • User manual		
	optional	• 1DWUSB-BGN (wireless dongle for video and control) • Warp module • Cable cover • Ceiling mount • Ceiling mount extension		
Lens mount	type	• Tool-free lens insertion system • Boresight adjustable • Motorized horizontal and vertical lens offset • Motorized zoom and focus adjustment		
Lenses	zoom	• 1.22-1.52:1 HD (included) • 0.95-1.22:1 HD (optional) • 1.52-2.89:1 HD (optional) • 2.90-5.50:1 HD (optional)		
	offsets	• Vertical: ± 100% (± 400 pixels) • Horizontal: ± 20%(± 128 pixels)	• Vertical: ± 120% (± 648 pixels) • Horizontal: ± 20% (± 192 pixels)	• Vertical: ± 100% (± 600 pixels) • Horizontal: ± 20% (±192 pixels)
Power requirements	operating voltage	• 100-240 VAC 50/60Hz		
	consumption	• 580W maximum • 450W eco mode		
	operating current	• 6.5A maximum		
	dissipation	• 1979 BTU/hr maximum • 1535 BTU/hr eco mode		
Physical	size	• (LxWxH) 15.28 x 17.13 x 8.15" (388 x 435 x 207mm) without feet		
	shipping size	• (LxWxH) 23.27 x 23.03 x 17.44" (591 x 501 x 443mm)		
	weight	• 33.7lbs (15.3kg)		
	shipping weight	• 45.2lbs (20.5kg)		
Operating environment		• Temperature: 40-95°F (5-35°C) • Humidity: 10-85% non-condensing		
Regulatory[2]		• UL/CSA/IEC 60950-1 • FCC Class A, CE, CCC, KC, EAC, PSE, CU, SABS, BIS, and RCM • This product conforms to all relevant European directives, standards, safety, health and environmental concerns • This product is designed to comply to the rules and regulations required for the product to be sold in various regional markets, including USA/Canada, EU, Norway, Australia/New Zealand, Kuwait, China, Korea, Japan, Mexico, Ukraine, India, Russia, South Africa and Saudi Arabia • RoHS, REACH, WEEE		
Limited warranty		• Three years parts and labor (including light engine) • Lamp: 500 hours or one year (whichever comes first) • Contact an authorized Christie representative for full details of our limited warranty		

[2] Some certifications are pending.
Please contact Christie for currently approved certifications.

24/7 Operation

CERTIFIED CRESTRON Integrated Partner

AMX

HDMI HIGH-DEFINITION MULTIMEDIA INTERFACE

DLP TEXAS INSTRUMENTS

3 YEAR WARRANTY
CHRISTIE LCD,
1-CHIP AND 3-CHIP DLP®

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ISO 9001
ISO 14001
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