

Christie H Series

Auditoriums

Government

Houses of worship

Boardrooms

Higher education

Rental staging

Breakout rooms

Hotels



Small package, big results

CHRISTIE®

Christie H Series

The Christie® H Series combines high-brightness with excellent color reproduction and boasts 12,000 lumens. With superior image quality, flexible connectivity and less than half the noise of competitive products, the Christie H Series packs a lot of high-performance features into a surprisingly small and sleek package.

Best-in-class brightness

Christie D12WU-H

WUXGA - 12,000 center lumens

Christie D12HD-H

HD - 11,000 center lumens

Small, but mighty

Meet the 1DLP projector of your rental staging dreams

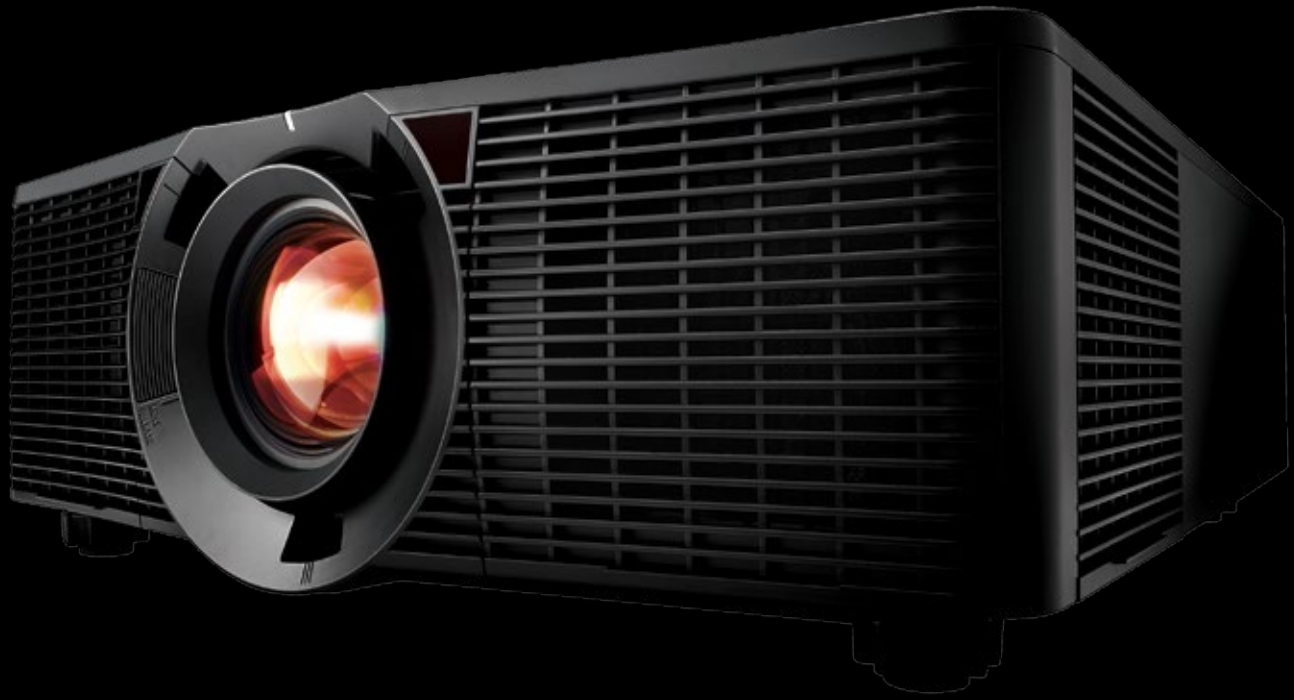
The Christie H Series is designed to bridge the gap between mid-sized and large venues, giving you an excellent option at an affordable price.

Enhance your projection solutions offering with the Christie H Series. With a black chassis and half the noise of the competition, it's perfect for discrete installations. The lightweight and sleek profile makes it easy to handle and ship, costing you less money with each installation. Plus, the available stacking and rigging frame, portrait capability, and advanced warping and blending capabilities give you the design freedom you crave.

The Christie H Series also features a full suite of lens options and compatibility with Christie E Series lenses, making it a cost-effective and flexible solution.



▲ Rigging/stacking frame - portrait orientation



Hush.

Listen closely. Do you hear it?

It's the impossibly quiet Christie H Series. If you're dealing with mid-sized to large venues, this is the one you've been waiting for.

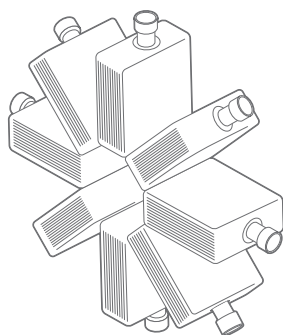
The Christie H Series boasts half the noise of competitors, the highest 1DLP® brightness in the industry, and it's easy on the eyes too. Experience the best of both worlds with high-brightness and color integrity, all in one affordable projection solution. Balancing bright, vivid images with a sleek, elegant design, the Christie H Series blends into any environment to let image performance take center stage.

Ideal for discrete installs, the available ceiling mount, extender rod and rigging clamp ensure a smooth installation process. Plus, with an input panel cover plate and bottom-side HDMI input connection to hide unsightly cords, the focus is all on the color-rich images you'll have on display.



▲ Second HDMI connector on the bottom of projector

Designed for performance



▲ 360 degree projection



▲ Input panel

Blending and warping capabilities

Blending and warping are easy with the new Christie® H Series software and the use of off-the-shelf standard cameras¹. The software and camera option allow for easy and quick edge-blending and stacking capabilities with advanced grid control for more complicated, finite correction. You can also use the software to set up multiple projectors for warping images (advanced geometry correction) or for multi-projector blending to create large panoramic seamless displays.

3D capability

Add an edge to boardroom meetings or lecture hall presentations with consumer-grade 3D capability. Utilizing either HDMI or HDBaseT™ inputs, the Christie H Series has an output of up to 120Hz and includes frame packing, side-by-side and top/bottom 3D capabilities built right in.



Portrait mode and 360 degree projection

Projectors can be used in portrait orientation using existing lamps², reducing your set-up time and minimizing extra costs for special lamps. They can also be installed in a 360 degree configuration.

Enhanced lamp options

Dual-lamp design lets you maximize brightness or extend lamp life. Lamp life is 1500 hours typical @ 465W and 2000 hours typical @ 370W.

Digital Imaging and Communication in Medical (DICOM) simulation

DICOM simulation mode provides enhanced greyscale levels for medical training³ applications requiring DICOM part 14 specifications.



▲ Standard mode

▲ DICOM simulation mode

Connectivity

The Christie H Series uses HDBaseT to provide the latest in intelligent and flexible connectivity, by allowing for both video content and control to be delivered over low cost CAT5/6e cabling.

3G SDI enables video integrity over long distances. A second RJ-45 input enables dedicated control of the projector if required.

An additional second HDMI connector on the bottom of the chassis provides clean, discrete installations with no visible cables.

¹ Logitech HD Pro Webcam C920 is the recommended model.

² Reduced lamp life.

³ Simulation mode is for training purposes only, not for medical diagnostics of actual patients.



Variety of lens options to choose from

A full suite of lenses, including an adapter for the Christie E Series lenses ensures design freedom and flexibility for installation.

Lens options⁴

| Description | Part number |
|--------------------------------------------------------|---------------|
| 0.84-1.02:1 zoom lens* | 140-114107-01 |
| 1.02-1.36:1 zoom lens* | 140-115108-01 |
| 1.2-1.5:1 zoom lens (Full ILS) | 140-109101-01 |
| 1.5-2.0:1 zoom lens (Full ILS) | 140-110103-01 |
| 2.0-4.0:1 zoom lens (Full ILS) | 140-111104-01 |
| 4.0-7.0:1 zoom lens (Full ILS) | 140-116109-01 |
| Christie H Series adapter for Christie E Series lenses | 140-112105-01 |

* No zoom/focus memory

Available models

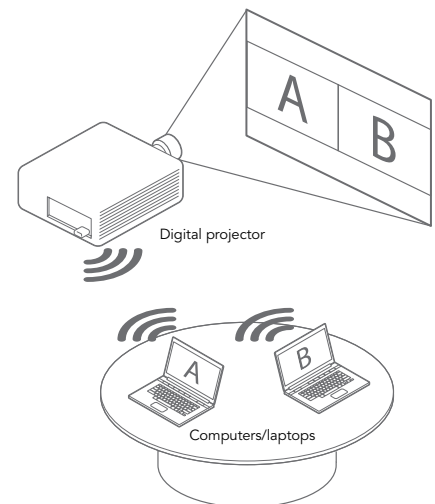
| Description | Part number |
|------------------|---------------|
| Christie D12WU-H | 140-009100-01 |
| Christie D12HD-H | 140-010102-01 |

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.

Wireless projection

Easy connectivity
Less cluttered meeting space
Cable-free management



▲ Wireless capability

◀ Christie H Series wireless dongle



⁴ Throw ratio varies by resolution. See www.christiedigital.com for further information.

Christie support and service

All Christie® products are backed by industry-leading warranties, renowned service and support. We ensure our customers are well equipped with training, service and technical assistance available through our extensive distribution and support network.

Christie also offers support for international installations and global deployments, with representatives on five continents.

We offer customer-centric service with years of extensive experience in varieties of applications.



| | | Christie D12WU-H | Christie D12HD-H |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Image | brightness | <ul style="list-style-type: none"> • 12,375 lumens (compliant with ISO 21118) • Center: 12,000 lumens • ANSI: 11,000 lumens | <ul style="list-style-type: none"> • 11,250 lumens (compliant with ISO 21118) • Center: 11,000 lumens • ANSI: 10,000 lumens |
| | contrast (nominal) | • 5000:1 (Dynamic Aperture Enabled) • 1200:1 Full On/Off • 250:1 ANSI | |
| Display | type | • 1-chip 0.96" DMD | • 1-chip 0.95" DMD |
| | native resolution | • 1920 x 1200 (2,304,000 pixels) 16:10 | • 1920 x 1080 (2,073,600 pixels) 16:9 |
| | color wheel | • 6 Segment (RGBCYW) | |
| Lamp | type | • 465W (003-005237-01) x 2 | |
| | typical lifetime | • 1500 hrs typical @ 465W • 2000 hrs typical @ 370W | |
| Inputs | standard | <ul style="list-style-type: none"> • 3G-SDI x 1 (BNC) • HDMI x 2 (One on side panel, one on bottom of projector, independently selectable) • DVI-D x 1 (Digital only) • Display Port x 1 • HD15 x 1 • RGBHV/Component (5 BNC) • Composite Video x 1 (BNC) • 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 WiFi® dongle (optional) • HDBaseT (RJ45 x 1) • RJ45 x 1 (Christie Presenter over wired network connection) | |
| | 3D | <ul style="list-style-type: none"> • HDMI, HDBaseT - frame packed, side by side, top/bottom • 3D Sync In (BNC) - for genlocking projectors • 3D Sync Out (BNC) - for genlocking projectors or controlling emitter or polarizer | |
| | signals | <ul style="list-style-type: none"> • 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 | |
| | monitor out | • HD15 x 1 | |
| | Control and networking | <ul style="list-style-type: none"> • RS232 In • Control via HDBaseT • Ethernet (10/100) RJ45 with ChristieNET™ connectivity • Built-in backlit keypad • Wired remote control (3.5mm stereo) - loop out available for daisy chaining | |
| Lens mount | type | <ul style="list-style-type: none"> • Tool-free lens insertion system • Boresight adjustable • Motorized horizontal and vertical lens offset (memory available) • Motorized zoom and focus adjustment (memory available for full ILS lenses) | |
| Lens options | lenses | <ul style="list-style-type: none"> • 0.84-1.02:1 zoom lens (no zoom/focus memory) • 1.02-1.36:1 zoom lens (no zoom/focus memory) • 1.2-1.5:1 zoom lens (full ILS) • 1.5-2.0:1 zoom lens (full ILS) • 2.0-4.0:1 zoom lens (full ILS) | |
| | offsets (full ILS lenses) | <ul style="list-style-type: none"> • ± 120% Vertical (± 720 pixels) • ± 50% Horizontal (± 480 pixels) | <ul style="list-style-type: none"> • ± 133% Vertical (± 720 pixels) • ± 50% Horizontal (± 480 pixels) |
| Accessories | standard | <ul style="list-style-type: none"> • IR remote w/wired remote jack (wire not included) • Coarse dust filters - 3 pack (not mandatory for standard use) • AC line cords for projector head • User manual | |
| | optional | <ul style="list-style-type: none"> • Rigging/stacking frame • Lens adapter for E Series lenses • 1DWUSB-BGN (wireless dongle for video and control) • Fog filters - 3 pack • Ceiling mount • Ceiling mount extension rod • Ceiling mount rigging clamp • Replacement remote control | |
| Power requirements | operating voltage | • 100-240 VAC @ 50/60Hz | |
| | consumption | • Normal mode: 1100W max (220V) 1180W max (110V) • Eco mode: 880W max (220V), 950W (110V) | |
| | operating current | • 5.5A max (220V) • 12A max (110V) | |
| | dissipation | • 3753 BTU/hr max • 3003 BTU/hr Eco mode | |
| Physical | size | • (LxWxH) 23.78 x 20.47 x 7.16" (604 x 520 x 182mm) w/o feet | |
| | weight (w/o lens) | • 52.5lbs (23.8kg) | |
| | shipping size | • (LxWxH) 31.10 x 26.22 x 13.86" (790 x 666 x 352mm) | |
| | shipping weight | • 62.8lbs (28.5kg) | |
| | operating temperature | • 32-104° F (0-40° C) | |
| Operating environment | humidity | • 10-85% non-condensing | |
| | noise | • Typical: 465W: 40dB(A) • 370W Eco mode: 37dB(A) | |
| | Regulatory | <ul style="list-style-type: none"> • UL/CSA/IEC 60950 • FCC Class A, CE, CCC, KC, PSE, CU, SABS, BIS, VCCI, RCM • This product conforms to all relevant European directives, standards, safety, health and environmental concerns • RoHS, REACH, WEEE | |
| Limited warranty | <ul style="list-style-type: none"> • 3 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 | | |



▲ Fog Filter Cover Starter Kit
P/N 003-005454-01



▲ Fog Filter Refills (3 Pack)
P/N 003-005456-01



▲ Coarse Dust Filter (3 Pack)
P/N 003-005241-01



▲ Christie One Rigging Frame
P/N 140-1113106-01 (for H, HS and Q)

Christie QwikRig Rigging Frame
P/N 140-128102-02 (for H, Q and 700/850-GS)



▲ Ceiling Mount Extension Rod
P/N 121-125109-01

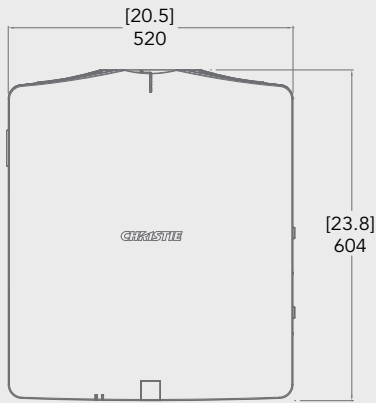


▲ One Mount Plus
P/N 140-117100-XX

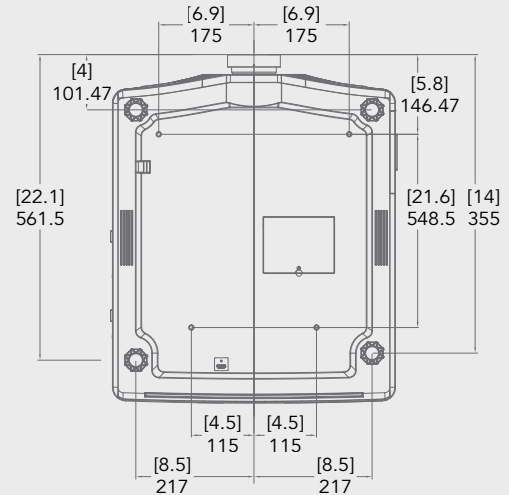


▲ Ceiling Mount Rigging Kit
P/N 121-126100-01

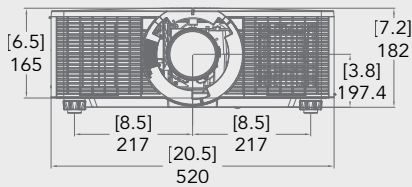
Top view



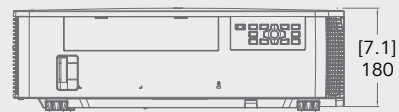
Bottom view



Front view



Right side view



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ISO 9001
ISO 14001

Kitchener, Ontario



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



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