

# Content management and image processing products

## Image processing

### Christie Spyder X20 | Auditoriums | Boardrooms | Broadcast | Control rooms | Rental and staging

#### Model(s)

- N/A



#### Specifications

- Input number: 8 or 16 supporting composite, S-Video, component analog, HDS/SDI, SDI, 3G SDI (SMPTE 424M), and 4 progressive DVI and RGBHV
- Output number: 8
- Resolutions: Horizontal up to 2560, vertical up to 2160 within 330MHz
- Input signals: Analog RGB, composite, component; DVI, single- and dual-link; SDI, HD-SDI, and 3G HD-SDI (SMPTE 424M); motion adaptive de-interlacing (SD and HD)
- Scan rates: Up to 120Hz dependent on pixel clock rate maximum
- Pixel clock: Analog up to 165MHz, DVI up to 330MHz

#### We thought of everything

- Powerful video processing, flexible matrix switching
- Convert and route any signal to any combination of display devices
- Drive multiple displays in any combination of edge-blended widescreen, single and multiscreen applications
- Achieve higher brightness, enhanced image quality, and improved resolution
- Mixing and multiple key frame effects
- Stereoscopic option
- TAA-compliant

#### QR code



### Christie Spyder X80 | Auditoriums | Boardrooms | Broadcast | Control rooms | Rental and staging

#### Model(s)

- N/A



#### Specifications

- Input number: Up to 6 input modules, each with 4 inputs (24 inputs total)
- Output number: Up to 4 output cards, each with 4 outputs (16 outputs total)
- 8-/10-/12-bit color depth support
- Input scan rates: Up to 120Hz dependent on pixel clock rate maximum
- Input/output signals: Each input supports 3 connections; DisplayPort 1.2, HDMI 2.0, 12G-SDI
- Input resolutions: Horizontal up to 7680 (within pixel clock); Vertical up to 2400 (within pixel clock); Support for 8-/10-/12-bit depth



#### We thought of everything

- 80 megapixel processing power
- Single-channel 4K support on every channel
- Extremely low latency
- Flexible and scalable I/O architecture
- Intelligent EDID
- HDCP 2.2 support
- Christie Spyder Studio client software (GUI)
- Extensive API
- Stereoscopic option



#### QR code



## Image processing (continued)



Christie URS   Auditoriums   Boardrooms   Broadcast   Control rooms   Rental and staging				
<p><b>Model(s)</b></p> <ul style="list-style-type: none"> <li>• URS-0808</li> <li>• URS-1608</li> </ul>		<p><b>Specifications</b></p> <ul style="list-style-type: none"> <li>• Input number: URS-0808 - 8 inputs total; URS-1608 - 16 inputs total</li> <li>• Output number: 8@ (&lt;2048 x 1200) or 4@ (2560 x 1600)</li> <li>• Input/output signals: Analog RGB composite, component DVI, single- and dual-link</li> <li>• Input/output resolutions: Up to 2560 x 1600 (any resolution greater than 2048 x 1200 uses 2 output channels)</li> </ul>	<p><b>We thought of everything</b></p> <ul style="list-style-type: none"> <li>• Universal input/output capabilities</li> <li>• Input capability - either 8 or 16 inputs that can be a mix of analog BNC and DVI signals</li> <li>• Built-in conversion for analog/digital, interlaced/progressive, resolution, aspect ratio, and frame rate</li> <li>• Integrated source monitoring: Real-time and full-frame view of all sources connected to the URS on a single output, tiled into a 4 x 4 array</li> <li>• Small form factor: L x W x H - 21.9 x 17.3 x 7" (556 x 439 x 178mm)</li> <li>• TAA-compliant</li> </ul>	<p><b>QR code</b></p> 

## Media servers



Christie Pandoras Box® Software License   Architectural   Cruise ships   Fixed installs   Live events   Museums				
<p><b>Model(s)</b></p> <ul style="list-style-type: none"> <li>• One license to do it all</li> </ul>		<p><b>Key features</b></p> <ul style="list-style-type: none"> <li>• Unlimited timelines, video layers and FXs</li> <li>• Uncompressed 8K+ video playback</li> <li>• 10 bit color depth</li> <li>• ASIO multi-channel audio</li> <li>• Timeline programming for synchronized video playback across numerous outputs</li> <li>• Multi-preview</li> <li>• Pre-visualization for design reviews and pre-programming</li> <li>• Inbuilt edge-blending and warping capabilities</li> <li>• Remote controllable via standard industry protocols and SDK</li> <li>• Supports NDI®, SDVoE, Dante, and Notch</li> </ul>	<p><b>We thought of everything</b></p> <ul style="list-style-type: none"> <li>• Cost-effective software playback and control</li> <li>• An entire feature set under a single license as a software-only solution</li> <li>• Turnkey solution with powerful 64-bit render engine for real-time 3D compositing</li> <li>• Multi-user mode allows multiple users to simultaneously control servers and work on the same show</li> <li>• Compatible Mystique™ autocalibration</li> <li>• Available in 9 languages</li> </ul>	<p><b>QR code</b></p> 

## Media servers (continued)



### Christie Widget Designer | Fixed installs | Interactive installations | Live events | Museums | Theaters | Cruise ships

<p><b>Model(s)</b></p> <ul style="list-style-type: none"> <li>• Widget Designer</li> <li>• Unlimited web-clients option</li> </ul>		<p><b>Key features</b></p> <ul style="list-style-type: none"> <li>• Customizable, interactive HTML-5 user-interfaces</li> <li>• CSS-styles including animations and transitions for pages and widgets</li> <li>• Direct control of hundreds of devices and protocols</li> <li>• Monitoring of complex systems with visual feedback and triggers</li> <li>• Multiple windows</li> <li>• Viewer Mode for public spaces</li> <li>• PowerPoint remote</li> <li>• Composite nodes</li> <li>• Cue and playlist</li> <li>• Unlimited web-clients option</li> </ul>	<p><b>We thought of everything</b></p> <ul style="list-style-type: none"> <li>• Interactive application builder</li> <li>• Advanced control surface creation framework for customized show control</li> <li>• Integrated web server can publish all created pages to external browsers on any device</li> <li>• Built-in easy and intuitive scripting language</li> <li>• Pandoras Box® integration</li> <li>• Control multiple external devices from one interface</li> </ul>	<p><b>QR code</b></p> 
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### Christie Pandoras Box Server R5 | From simple fixed installs to complex multi-display projection-mapped spectacles



<p><b>Performance kits</b></p> <ul style="list-style-type: none"> <li>• PK1</li> <li>• PK2</li> <li>• PK3</li> </ul>		<p><b>Specifications</b></p> <ul style="list-style-type: none"> <li>• 8K+ uncompressed video playback</li> <li>• 10 bit color depth</li> <li>• Up to 240fps</li> <li>• Intel® Xeon® processor</li> <li>• 10GB Ethernet</li> <li>• SSD RAID system with up to 30TB drive space</li> <li>• Selectable Nvidia Quadro GPUs</li> <li>• Up to 8 DisplayPort outputs</li> <li>• Optional sync board</li> </ul>	<p><b>We thought of everything</b></p> <ul style="list-style-type: none"> <li>• High-performance link between visual displays and digital image compositing</li> <li>• Turnkey solution that unites state-of-the-art rendering with intuitive media and show control</li> <li>• Server-grade components for 24/7 uptime</li> </ul>	<p><b>QR code</b></p> 
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### Christie Pandoras Box Compact Player | From live-events in theaters and cruise ships to fixed installs and museums



<p><b>Performance kits</b></p> <ul style="list-style-type: none"> <li>• PK1</li> <li>• PK2</li> <li>• PK3</li> </ul>		<p><b>Specifications</b></p> <ul style="list-style-type: none"> <li>• 4x HDMI 2.0 outputs with up to 4K@60Hz 4:4:4</li> <li>• Professional-grade Nvidia Quadro GPU P1000</li> <li>• EDID management</li> <li>• Mosaic mode</li> <li>• Uncompressed HD60 file playback</li> <li>• Up to 2 channels of 4K video playback</li> <li>• RS-232, WiFi, Bluetooth</li> <li>• 1 RU, half 19" rack size</li> </ul>	<p><b>We thought of everything</b></p> <ul style="list-style-type: none"> <li>• Compact media player featuring four 4K outputs</li> <li>• Small size but great performance, reliability, and power</li> <li>• Ideal for professional applications</li> <li>• Server-grade components for 24/7 uptime</li> </ul>	<p><b>QR code</b></p> 
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## Media servers (continued)

### Christie AirScan | For live interactive presentations | Museums | Theme parks and attractions



<p><b>Model(s)</b></p> <ul style="list-style-type: none"><li>• AirScan</li></ul>	 A black, rectangular, floor-standing device with a control panel on top and a large, angled opening at the bottom.	<p><b>Specifications</b></p> <ul style="list-style-type: none"><li>• 24 multi-touch points</li><li>• Large-scale scanning range - up to 30' (10m)</li><li>• Advanced motion prediction and damping</li><li>• Dynamic-gesture programming</li><li>• TUIO protocol support</li></ul>	<p><b>We thought of everything</b></p> <ul style="list-style-type: none"><li>• Create interactive touch-free solutions and motion-controlled user interfaces for applications of almost any size</li><li>• Turn any surface such as an LED wall or even concrete walls into a touch-interface</li><li>• Trigger actions or move and interact with virtual objects in presentations</li></ul>	<p><b>QR code</b></p>  A square QR code located in the bottom right corner of the table cell.
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### Christie Pandoras Box NET Link | Fixed installs | Artistic installations | Live events | Museums | Cruise ships



<p><b>Model(s)</b></p> <ul style="list-style-type: none"><li>• NET Link</li><li>• Optional cards</li></ul>	 A black, rectangular, rack-mountable device with several ports and a label on the front.	<p><b>Specifications</b></p> <ul style="list-style-type: none"><li>• Analog input modules: Calibration fiber input / 0-5V input / 0-5V sensor input / 0-10V input</li><li>• Digital input modules: 12V relay input / 24V relay input / Encoder input</li><li>• Digital output modules: 48V, 4A relay output</li></ul>	<p><b>We thought of everything</b></p> <ul style="list-style-type: none"><li>• Converts a great number of inputs into network data</li><li>• Can be equipped with 2 configurable modules</li><li>• Enables connections between switching relays, sensor input and output, and Widget Designer software</li><li>• Allows for camera-free projector recalibration via optical fibers</li></ul>	<p><b>QR code</b></p>  A square QR code located in the bottom right corner of the table cell.
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## Switchers and AV distribution



### Christie Terra® Controller | Fixed installs | Control rooms | Corporate | Entertainment

<p>Model(s)</p> <ul style="list-style-type: none"> <li>• SCO 100 EO</li> </ul>		<p>Key features</p> <ul style="list-style-type: none"> <li>• Single point control over Terra transmitters, receivers, and system operation</li> <li>• Addressing automation</li> <li>• Saved configurations and presets</li> <li>• System-wide updates</li> <li>• Software client</li> <li>• Embedded operating system</li> <li>• Encrypted system data and control</li> <li>• Redundant control configuration</li> </ul>	<p>We thought of everything</p> <ul style="list-style-type: none"> <li>• Complete, secure operational control and management of Terra SDVoE systems</li> <li>• Simplified installation, configuration, programming, management, and operational tasks</li> <li>• Intuitive and easy-to-use configuration and programming interface</li> <li>• High-security safeguards your data</li> <li>• TAA-compliant</li> </ul>	<p>QR code</p> 
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### Christie Terra Receiver | Fixed installs | Control rooms | Corporate | Entertainment



<p>Model(s)</p> <ul style="list-style-type: none"> <li>• RXO 101 SO</li> </ul>		<p>Key features</p> <ul style="list-style-type: none"> <li>• Delivers artifact-free video to displays at resolutions up to 4K@60Hz with zero-frame latency, over standard 10G network</li> <li>• 4:4:4 quality maintained from source to display</li> <li>• HDMI 2.0, DisplayPort 1.2, audio, RS-232, IR control, Gigabit Ethernet, and USB signals supplied to displays and AV devices</li> <li>• Flexible signal management features include: magnification, downscaling, KVM, PiP, and confidence multi-viewer applications</li> <li>• Broad audio format support and audio embedding and de-embedding</li> <li>• KVM functionality</li> </ul>	<p>We thought of everything</p> <ul style="list-style-type: none"> <li>• Flexible, SDVoE system that provides the highest-quality onscreen experience for standard and large-format displays</li> <li>• Pixel-perfect, artifact-free, fluid, and natural content that is uncompromised</li> <li>• Easily integrate AV signals and control into the system and reduce the need for additional devices</li> <li>• Interfaces, processes, and transports a wide range of audio formats to support compatibility with the destination device</li> <li>• Endpoints can access and control AV sources using keyboard and mouse interfaces</li> <li>• TAA-compliant</li> </ul>	<p>QR code</p> 
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### Christie Terra® Transmitter | Fixed installs | Control rooms | Corporate | Entertainment



<p>Model(s)</p> <ul style="list-style-type: none"> <li>• TXO 102 SO</li> </ul>		<p>Key features</p> <ul style="list-style-type: none"> <li>• Supplies artifact-free video at resolutions up to 4K@60Hz, over standard 10G networks</li> <li>• Zero-frame latency</li> <li>• 4:4:4 quality maintained from source to display</li> <li>• HDMI 2.0, DisplayPort 1.2, audio, RS-232, IR control, Gigabit Ethernet and USB signals supplied to displays and AV devices</li> <li>• Broad audio format support and audio embedding and de-embedding</li> <li>• KVM functionality</li> </ul>	<p>We thought of everything</p> <ul style="list-style-type: none"> <li>• Flexible, SDVoE system provides the highest-quality onscreen experience for large format and standard displays</li> <li>• Pixel-perfect, artifact-free, fluid, and natural content that is uncompromised</li> <li>• System support for a full range of common video signals, today and into the future</li> <li>• Endpoints can access and control AV sources using keyboard and mouse interfaces</li> <li>• TAA-compliant</li> </ul>	<p>QR code</p> 
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## Video wall controllers



### Christie Phoenix | Control rooms | Corporate | Government

<p><b>Model(s)</b></p> <ul style="list-style-type: none"> <li>Phoenix Node</li> </ul>		<p><b>Key features</b></p> <ul style="list-style-type: none"> <li>Complete processing node that serves as system controller</li> <li>Features 2 inputs and 2 processed outputs for video wall display systems</li> <li>Uses standard IP network as AV transport and control</li> <li>Uses one or multiple hardware nodes to handle both inputs and outputs to encode, decode, and display AV data, with KVM reach-back</li> <li>Replicate and share content on many video walls and desktops, simultaneously</li> <li>Simple web-based setup and configuration</li> <li>Display array and audio-video synchronizing</li> </ul>	<p><b>We thought of everything</b></p> <ul style="list-style-type: none"> <li>Network-distributed information management system designed specifically for control room applications</li> <li>Serves a wide range of applications—from a single room to complex, multi-room, multi-location installations that can be used by 1000s of users simultaneously</li> <li>Simultaneously view, listen to, and interact with any source of info found in a control room environment—from virtually anywhere</li> <li>TAA-compliant</li> </ul>	<p><b>QR code</b></p> 
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### Christie Phoenix EP | Control rooms | Corporate | Digital signage | Government

<p><b>Model(s)</b></p> <ul style="list-style-type: none"> <li>Phoenix EP</li> </ul>		<p><b>Key features</b></p> <ul style="list-style-type: none"> <li>Phoenix system display processor node manages content on up to 2 qualified, 1080p Christie LCD panels</li> <li>Form factor: Intel® Open Pluggable Specification (OPS)</li> <li>Accepts Phoenix® system sources over 1G Ethernet</li> </ul>	<p><b>We thought of everything</b></p> <ul style="list-style-type: none"> <li>Zero installation footprint</li> <li>Reduced installation cabling</li> <li>Cost-effective</li> <li>Energy-efficient</li> <li>TAA-compliant</li> </ul>	<p><b>QR code</b></p> 
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### Christie Phoenix Quad-T | Control rooms | Corporate | Digital signage | Government

<p><b>Model(s)</b></p> <ul style="list-style-type: none"> <li>Quad-T</li> </ul>		<p><b>Key features</b></p> <ul style="list-style-type: none"> <li>Install anywhere in your Phoenix network to control and encode real-time information sources</li> <li>Supplies 4 x 4K/UHD resolution sources, audio, and USB KVM reach-back inputs to a Phoenix system over 1G Ethernet</li> <li>KVM reach-back-enabled for greater control in accessing remote locations from a central control room</li> </ul>	<p><b>We thought of everything</b></p> <ul style="list-style-type: none"> <li>Accepts high-resolution 4K/UHD sources into Phoenix systems</li> <li>More inputs per unit makes it quick, easy, and affordable to expand your monitoring capabilities</li> <li>Offers more flexibility and scalability to acquire additional high-quality, remote video and control signals over IP networks</li> <li>Expand your monitoring capabilities quickly, easily, and affordably</li> <li>TAA-compliant</li> </ul>	<p><b>QR code</b></p> 
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