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, HDSDI, 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

CHRISTIE®

Image processing (continued)

Christie URS | Auditoriums | Boardrooms | Broadcast | Control rooms | Rental and staging

Model(s)		Specifications	We thought of everything	QR code
• URS-0808 • URS-1608		• Input number: URS-0808 – 8 inputs total; URS-1608 – 16 inputs total • Output number: 8@ (<2048 x 1200) or 4@ (2560 x 1600) • Input/output signals: Analog RGB composite, component DVI, single- and dual-link • Input/output resolutions: Up to 2560 x 1600 (any resolution greater than 2048 x 1200 uses 2 output channels)	• Universal input/output capabilities • Input capability – either 8 or 16 inputs that can be a mix of analog BNC and DVI signals • Built-in conversion for analog/digital, interlaced/progressive, resolution, aspect ratio, and frame rate • 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 • Small form factor: L x W x H – 21.9 x 17.3 x 7" (556 x 439 x 178mm) • TAA-compliant	

Media servers

Christie Pandoras Box® Software License | Architectural | Cruise ships | Fixed installs | Live events | Museums

Model(s)		Key features	We thought of everything	QR code
• One license to do it all		• Unlimited timelines, video layers and FXs • Uncompressed 8K+ video playback • 10 bit color depth • ASIO multi-channel audio • Timeline programming for synchronized video playback across numerous outputs • Multi-preview • Pre-visualization for design reviews and pre-programming • Inbuilt edge-blending and warping capabilities • Remote controllable via standard industry protocols and SDK • Supports NDI®, SDVoE, Dante, and Notch	• Cost-effective software playback and control • An entire feature set under a single license as a software-only solution • Turnkey solution with powerful 64-bit render engine for real-time 3D compositing • Multi-user mode allows multiple users to simultaneously control servers and work on the same show • Compatible Mystique™ autocalibration • Available in 9 languages	

Media servers (continued)

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

Model(s)

- Widget Designer
- Unlimited web-clients option

Key features

- Customizable, interactive HTML-5 user-interfaces
- CSS-styles including animations and transitions for pages and widgets
- Direct control of hundreds of devices and protocols
- Monitoring of complex systems with visual feedback and triggers
- Multiple windows
- Viewer Mode for public spaces
- PowerPoint remote
- Composite nodes
- Cue and playlist
- Unlimited web-clients option

We thought of everything

- Interactive application builder
- Advanced control surface creation framework for customized show control
- Integrated web server can publish all created pages to external browsers on any device
- Built-in easy and intuitive scripting language
- Pandoras Box® integration
- Control multiple external devices from one interface

QR code

Christie Pandoras Box Server R5 | From simple fixed installs to complex multi-display projection-mapped spectaculars

Performance kits

- PK1
- PK2
- PK3

Specifications

- 8K+ uncompressed video playback
- 10 bit color depth
- Up to 240fps
- Intel® Xeon® processor
- 10GB Ethernet
- SSD RAID system with up to 30TB drive space
- Selectable Nvidia Quadro GPUs
- Up to 8 DisplayPort outputs
- Optional sync board

We thought of everything

- High-performance link between visual displays and digital image compositing
- Turnkey solution that unites state-of-the-art rendering with intuitive media and show control
- Server-grade components for 24/7 uptime

QR code

Christie Pandoras Box Compact Player | From live-events in theaters and cruise ships to fixed installs and museums

Performance kits

- PK1
- PK2
- PK3

Specifications

- 4x HDMI 2.0 outputs with up to 4K@60Hz 4:4:4
- Professional-grade Nvidia Quadro GPU P1000
- EDID management
- Mosaic mode
- Uncompressed HD60 file playback
- Up to 2 channels of 4K video playback
- RS-232, WiFi, Bluetooth
- 1 RU, half 19" rack size

We thought of everything

- Compact media player featuring four 4K outputs
- Small size but great performance, reliability, and power
- Ideal for professional applications
- Server-grade components for 24/7 uptime

QR code

Media servers (continued)

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

Model(s)

- AirScan

Specifications

- 24 multi-touch points
- Large-scale scanning range – up to 30' (10m)
- Advanced motion prediction and damping
- Dynamic-gesture programming
- TUIO protocol support

We thought of everything

- Create interactive touch-free solutions and motion-controlled user interfaces for applications of almost any size
- Turn any surface such as an LED wall or even concrete walls into a touch-interface
- Trigger actions or move and interact with virtual objects in presentations

QR code

Christie Pandoras Box NET Link | Fixed installs | Artistic installations | Live events | Museums | Cruise ships

Model(s)

- NET Link
- Optional cards

Specifications

- Analog input modules: Calibration fiber input / 0-5V input / 0-5V sensor input / 0-10V input
- Digital input modules: 12V relay input / 24V relay input / Encoder input
- Digital output modules: 48V, 4A relay output

We thought of everything

- Converts a great number of inputs into network data
- Can be equipped with 2 configurable modules
- Enables connections between switching relays, sensor input and output, and Widget Designer software
- Allows for camera-free projector recalibration via optical fibers

QR code

Switchers and AV distribution

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

Model(s)		Key features	We thought of everything	QR code
• SCO 100 EO		• Single point control over Terra transmitters, receivers, and system operation • Addressing automation • Saved configurations and presets • System-wide updates • Software client • Embedded operating system • Encrypted system data and control • Redundant control configuration	• Complete, secure operational control and management of Terra SDVoE systems • Simplified installation, configuration, programming, management, and operational tasks • Intuitive and easy-to-use configuration and programming interface • High-security safeguards your data • TAA-compliant	

Christie Terra Receiver | Fixed installs | Control rooms | Corporate | Entertainment

Model(s)		Key features	We thought of everything	QR code
• RXO 101 SO		• Delivers artifact-free video to displays at resolutions up to 4K@60Hz with zero-frame latency, over standard 10G network • 4:4:4 quality maintained from source to display • HDMI 2.0, DisplayPort 1.2, audio, RS-232, IR control, Gigabit Ethernet, and USB signals supplied to displays and AV devices • Flexible signal management features include: magnification, downscaling, KVM, PiP, and confidence multi-viewer applications • Broad audio format support and audio embedding and de-embedding • KVM functionality	• Flexible, SDVoE system that provides the highest-quality onscreen experience for standard and large-format displays • Pixel-perfect, artifact-free, fluid, and natural content that is uncompromised • Easily integrate AV signals and control into the system and reduce the need for additional devices • Interfaces, processes, and transports a wide range of audio formats to support compatibility with the destination device • Endpoints can access and control AV sources using keyboard and mouse interfaces • TAA-compliant	

Christie Terra® Transmitter | Fixed installs | Control rooms | Corporate | Entertainment

Model(s)		Key features	We thought of everything	QR code
• TXO 102 SO		• Supplies artifact-free video at resolutions up to 4K@60Hz, over standard 10G networks • Zero-frame latency • 4:4:4 quality maintained from source to display • HDMI 2.0, DisplayPort 1.2, audio, RS-232, IR control, Gigabit Ethernet and USB signals supplied to displays and AV devices • Broad audio format support and audio embedding and de-embedding • KVM functionality	• Flexible, SDVoE system provides the highest-quality onscreen experience for large format and standard displays • Pixel-perfect, artifact-free, fluid, and natural content that is uncompromised • System support for a full range of common video signals, today and into the future • Endpoints can access and control AV sources using keyboard and mouse interfaces • TAA-compliant	

Video wall controllers

Christie Phoenix | Control rooms | Corporate | Government

Model(s)		Key features	We thought of everything	QR code
• Phoenix Node		• Complete processing node that serves as system controller • Features 2 inputs and 2 processed outputs for video wall display systems • Uses standard IP network as AV transport and control • Uses one or multiple hardware nodes to handle both inputs and outputs to encode, decode, and display AV data, with KVM reach-back • Replicate and share content on many video walls and desktops, simultaneously • Simple web-based setup and configuration • Display array and audio-video synchronizing	• Network-distributed information management system designed specifically for control room applications • 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 • Simultaneously view, listen to, and interact with any source of info found in a control room environment—from virtually anywhere • TAA-compliant	

Christie Phoenix EP | Control rooms | Corporate | Digital signage | Government

Model(s)		Key features	We thought of everything	QR code
• Phoenix EP		• Phoenix system display processor node manages content on up to 2 qualified, 1080p Christie LCD panels • Form factor: Intel® Open Pluggable Specification (OPS) • Accepts Phoenix® system sources over 1G Ethernet	• Zero installation footprint • Reduced installation cabling • Cost-effective • Energy-efficient • TAA-compliant	

Christie Phoenix Quad-T | Control rooms | Corporate | Digital signage | Government

Model(s)		Key features	We thought of everything	QR code
• Quad-T		• Install anywhere in your Phoenix network to control and encode real-time information sources • Supplies 4 x 4K/UHD resolution sources, audio, and USB KVM reach-back inputs to a Phoenix system over 1G Ethernet • KVM reach-back-enabled for greater control in accessing remote locations from a central control room	• Accepts high-resolution 4K/UHD sources into Phoenix systems • More inputs per unit makes it quick, easy, and affordable to expand your monitoring capabilities • Offers more flexibility and scalability to acquire additional high-quality, remote video and control signals over IP networks • Expand your monitoring capabilities quickly, easily, and affordably • TAA-compliant	

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