

Content management and image processing products

Image processing and video wall controllers

Spyder X20 | Auditoriums | Broadcast | Control rooms | Corporate | Government | Live events

Model(s)

- Spyder X20



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
- Remote PC functionality

QR code



Spyder X80 | Auditoriums | Broadcast | Control rooms | Corporate | Government | Live events

Model(s)

- Spyder X80



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
- TAA-compliant
- Remote PC functionality

QR code



Media server software and hardware

Pandoras Box® Software License Architectural Cruise ships Fixed installs Live events Museums				
Model(s) <ul style="list-style-type: none"> One license to do it all 		Key features <ul style="list-style-type: none"> 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 	We thought of everything <ul style="list-style-type: none"> 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 	QR code 
Widget Designer Fixed installs Interactive installations Live events Museums Theaters Cruise ships				
Model(s) <ul style="list-style-type: none"> Widget Designer Unlimited web-clients option 		Key features <ul style="list-style-type: none"> 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 <ul style="list-style-type: none"> 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 

Media server hardware and software (continued)

Pandoras Box Menu | Architecture | Cruise ships | Fixed installs | Live events | Museums

Model(s)

- Pandoras Box Menu Version 7



Key features

Pandoras Box® Menu gives quick access to:

- Pandoras Box
- Widget Designer
- Server management app
- Custom apps
- Settings
- File browser
- Network devices and graphics cards—through direct links

We thought of everything

- Pandoras Box Menu is a free, quick-launch app software solution
- Highly accessible dashboard monitors system information, sorts Pandoras Box hardware, and displays critical messages and errors
- Automatic launch capability
- Server management user interface monitors several hardware systems in the network
- Remote access and functionality
- Remote software updates and installation
- Natively implemented batch features completes tasks quickly

QR code



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

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
- TAA-compliant

QR code



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
- TAA-compliant

QR code



Media server hardware accessories

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

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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

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Switchers and AV distribution

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

Model(s)

- SCO 100 EO



Key features

- 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

We thought of everything

- 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

QR code



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

Model(s)

- RXO 101 SO



Key features

- 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

We thought of everything

- 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

QR code



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

Model(s)

- TXO 102 SO



Key features

- 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

We thought of everything

- 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

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