Christie AirScan

IR-Laser multi-touch

Motion-controlled user interfaces add a new dimension to interactive multimedia display and presentation solutions. Christie® AirScan combined with Widget Designer allows for touch-free interactivity. Together they offer the opportunity to interact with digital content in ways that aren't possible with traditional displays. Easily bring your projects to life on any surface, from an LED video wall to a projection screen or even a concrete wall.

AirScan control interfaces allow for custom design and integration of interactive displays that lets users navigate menu-based multimedia presentations in any environment.

With AirScan, you can trigger actions to happen, or move and interact with virtual objects in presentations, similar to technology used in museums for educational purposes, or in interactive theme park experiences.

Large-scale scanning range

You can set up touch-free solutions for many different applications. AirScan works from up to 10m (30") away and features up to 24 touch-points.

Advanced motion stabilizing

The built-in motion stabilizer allows these advanced input devices to be used on large-scale displays by offering high speed processing and damping of the sensor motion data.

Dynamic gesture menu programming

With Widget Designer, you can quickly customize interactive displays by setting up unlimited menu page configurations and gesture-controlled actions.

As part of a Pandoras Box® Playback solution, you can control live presentations from any distance and project onto any size of screen, with no mouse or pointing device required.
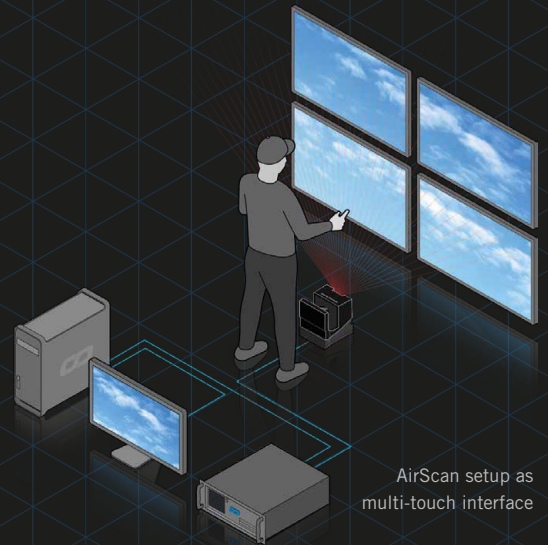
AirScan setup as multi-touch interface

Christie Pandoras Box Widget Designer

Innovative. Versatile. Reliable.

Pandoras Box Widget Designer is an advanced control surface creation framework that lets you create dedicated user interfaces and interaction logic by simply connecting visual control components.

A rich feature set for visual node-based programming is available to create customized show-control scenarios. Adding simple scripting makes programming more efficient and powerful.
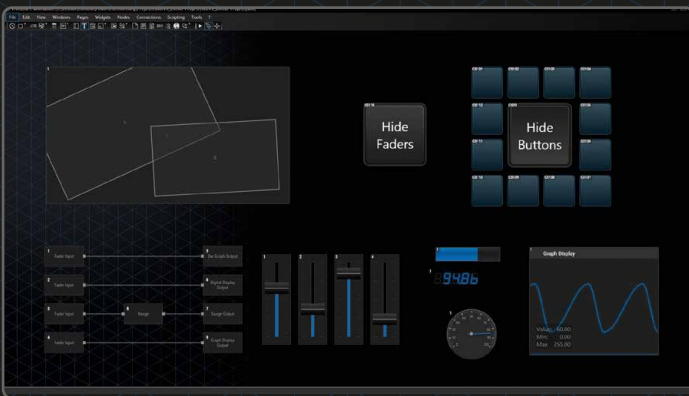
Customized Widget Designer interface

The great number of features are all based around the idea that even non-programming specialists should be given the tools to create truly immersive interactive experiences for their customers.

With the embedded node programming environment, users can route and set up almost any possible control scenario. Easily interact with sensors and data sources to route input data to any other output protocol such as Art-Net, Midi/MSC, TCP/UDP, DMX or RS-232/-422 devices.

Create custom interfaces clients can use to interact with the system, or create individual sets of faders and cue controls for your specific show control demands.

Easily create large scale multi-touch applications for several users who can then interact with the content. Scaling, rotating, and moving video content can become an interactive experience.

HTML user interface

Because Widget Designer's interface is based on HTML-5 and uses CSS3 styles, users can customize and manipulate single widgets or complete pages, then import and apply those changes to the local user interface. Web designers can easily create custom control panels for a variety of different users and applications.

Web server

The integrated web server, which also drives the native Widget Designer interface, can publish any pages you create to external browsers on any kind of device. This means you can use any custom interfaces you create to control shows remotely from your tablet, smart phone, or computer.

Unlimited web clients option

Since the web server can host multiple Widget Designer sessions, you can independently control multiple pages from an unlimited number of clients. This is perfect for installations that require several remote controls with a centralized control station.

Max-Planck Interactive Visitor Center – designed by VITOLI and Schukat & Reuter

Composite nodes

You can integrate a compilation of many nodes in a reusable, custom node for future use. This drastically reduces the number of nodes you need, makes it easier to make changes to the system, and enhances the overview of extensive node systems.

Web Server application example

Multiple windows

The multiple windows option allows you to use a different window to accomplish every task. For example, you can separate the technical back-end that triggers the show from another window that a CEO or visitor controls remotely. You can view users' interaction in one window while working in a different one, while additional screens run divergent resolutions to match the needs of specific projects.

Scripting language

A versatile but simple and easy to learn scripting language opens up another level of possibilities and effectiveness. You can script Widgets and Pandoras Box devices along with external protocols and sources. Improved scripting methods guide the user when it comes to errors, adds local variables, and unifies the overall scripting convention to finally reduce production times.

Pandoras Box integration

Widget Designer can be directly used as a sequence device as part of the Pandoras Box GUI. One also has the option of reading out a great variety of Pandoras Box values.

External devices / protocols

Widget Designer can unite combinations that were previously only imagined. You can now use an extensive number of supported protocols and external devices. For example, you can use camera tracking and motion detections to trigger network-based protocols or be translated to interact with file formats. You can now read and edit spreadsheets to update projected content, or use database content to schedule shows.

Customized Widget Designer interface

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