

Christie FHD551-W, First in Series of Outdoor Displays

Written by Bob Snyder
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The new Christie **WeatherAll** Series of LCD outdoor flat panels makes its global debut at ISE 2013.

Setting the standard for outdoor LED-backlit LCD technology, the first of the rugged and versatile WeatherAll Series is the **55" Christie FHD551-W**.

This is a professional grade Full HD (1920 x 1080 resolution) solution designed to perform in a wide range of applications including outdoor sporting venues, outdoor live events, architectural applications, entertainment parks, public displays, the hospitality and resort industry, transportation services-- and numerous other outdoor environments not typically applicable with standard LCD panels.

The ability to use the Christie FHD551-W in landscape or portrait mode is ideal for rental staging applications, resorts, hotels and restaurants. Christie believes the FHD551-W's integrated speakers and sleek design makes this a visually appealing solution when compared to traditional LCD products that require enclosures when used outdoors.

The Christie FHD551-W features optically bonded glass for increased protection against harsh

impacts and scratches in public display environments while enhancing viewability in outdoor venues by reducing reflection.

“The typical flat panel displays are not designed for outdoor use and the risk of damage when exposed to the elements is very high. However, the high definition Christie FHD551-W is designed to be IP56 rated / NEMA4 and has a DACS filtration system to protect it and allow for it to be used in harsh weather conditions and withstand the abuse of public display areas,” says Frank Anzures, senior product manager, Christie. “With the addition of optically bonded glass it increases sunlight readability by up to 400 percent when compared with standard flat panels and increases scratch and impact resistance by up to 300 percent.”

The DACS cooling & filtration system provides a thermostatically-controlled active system that protects sensitive electronics from temperature extremes, moisture, and dust. The advanced easy-clean solution eliminates the need for core filter replacement. The FHD551-W features a weather rating of IP56/NEMA4, providing protection against solid foreign objects such as falling dirt or windblown dust in addition to rain, sleet, snow, ice and splashing or hosed water.

“The Christie FHD551-W can easily manage temperatures ranging from a scorching 45 degrees Celsius (114 degrees Fahrenheit) all the way down to a bone chilling minus 20 degrees Celsius (minus 4 degrees Fahrenheit), as well as rain, snow, dust and high humidity, without those factors affecting performance. This new outdoor flat panel also boasts integrated weatherproof speakers to provide a full solution for outdoor use,” adds Anzures.

Benefits that Christie lists for the FHD551-W with Optical Bonding

- Improves sunlight readability up to 400 percent.
- Increases impact and scratch resistance up to 300 percent.
- Eliminates parallax: the apparent displacement or the difference in apparent direction of an object as seen from two different points not on a straight line with the object.
- Prevents condensation on LCD Panel.
- Significantly improves durability against vibration, extreme temperatures, altitudes, water and dust.
- Vastly improves contrast and colour saturation readability.

The Christie FHD551-W is now shipping with a two-year parts and labour warranty, backed by

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Christie's renowned customer service and support.

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