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Outdoor Projection



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Project: Science, film and rugged AV combine to empower tornado-affected regions

Giant Screen Films and D3D Cinema are on a mission to educate. This is not your typical scholarly pursuit, however, as their goal involves traveling to remote regions and helping to empower and inspire young people in communities affected by a tornado's destructive power. Luckily, this group brings extraordinary tools to the task at hand, including a nationally-recognized storm-chasing specialist, some of the world's leading tornado researchers, steel-clad custom weather vehicles and a 10,000 lumen, remarkably rugged DPI projector.

The project is supported by a National Science Foundation grant, awarded to produce a film titled Tornado Alley. The documentary features filmmaker Sean Casey, star of the television series Storm Chasers, and the researchers of VORTEX2, the most ambitious tornado research mission ever undertaken, in their attempts to collect footage and unprecedented data from the heart of a tornado. Enlisting a mobile Doppler radar station, a number of custom-built vehicular juggernauts fortified to withstand remarkable winds and debris, and custom-created weather measurement devices, the group patrols the traditional 'tornado alley' of the central U.S. in search of the perfect storm.

The mobile experience includes one of the fortified vehicles, advanced weather measurement devices, key personnel from the film and a staging-grade TITAN dual-lamp 1080p 3D projector from Digital Projection International (DPI). During these presentations, an abbreviated version of the 3D film is shown, followed by insight and discussion. "At sites that are underserved or in the process of recovery from a weather event, traditional classroom tools—let alone a film projector—are resources that can't be taken for granted. In those cases, a 3D film is a special addition to the experience," explained Raksany. Attendees also get hands-on interaction with the mobile Doppler studio and fortified vehicle.



Projector Used

- TITAN 1080p 660 3D

Feedback from the Client

"In places like Joplin, the story doesn't end with the tornado that ravaged the city. People are rebuilding and strengthening the community in ways we couldn't have imagined. Programs like the Tornado Alley outreach campaign, that bring inspiration and much-needed learning experiences to our young people, are a meaningful part of that recovery." – Brian Crouse, executive director of the Missouri Mathematics and Science Coalition and vice president of education for the Missouri Chamber of Commerce

TITAN 1080p 660 3D



Key Features:

- 3-chip DLP display with 10,000 Lumens / 2,000:1 Contrast
- Unmatched imagery for large to massive screens
- More than ample brightness for any 3D content

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