



Gentex Announces

MIRROR-INTEGRATED DIGITAL VIDEO RECORDER

Gentex Corporation recently debuted a mirror-integrated digital video recorder (DVR), or dash cam, that records road scenes captured from a vehicle's forward- and rearward-facing cameras and saves them to a removable microSD card.

Gentex is a long-time supplier of electro-optical products for the global automotive, aerospace and fire protection industries. It's best known for supplying nearly every major automaker with connected-car technologies and advanced electronic features that optimize driver vision and enhance driving safety.

MIRROR INTEGRATED

The DVR system is built into a Gentex Full Display Mirror, or FDM, a digital rearview mirror that uses a custom camera and mirror-integrated video display to optimize a vehicle's rearward view. The mirror is the ideal location for the DVR system, as it eliminates windscreen clutter and the need to manage power chords. The DVR also shares electronic components with the FDM.

FUNCTIONALITY

Recording is enabled through buttons located on the underside of the mirror. Once enabled, the system continuously records using the vehicle's front and rear cameras. The system overwrites older video files once the microSD card becomes full. In the event of vehicle impact, the DVR system protects the video file and saves it for viewing on a computer. Drivers can also manually trigger the system to record and protect short clips or photos with a single button push.





THE FULL DISPLAY MIRROR

The integrated DVR is the latest enhancement to Gentex's FDM, the industry's leading, intelligent rear vision system, which provides the driver with an unobstructed, panoramic view behind the vehicle. The FDM offers bi-modal functionality. In mirror mode, the product functions as a standard rearview mirror, but with the flip of a lever, the mirror enters display mode, and a clear, bright, LCD display appears through the mirror's reflective surface, providing a wide, unobstructed rearward view.

FIRST VEHICLE PROGRAM

Toyota has announced that the Gentex DVR mirror will be available on the new Toyota Harrier in Japan. Toyota writes, "The Digital Inner Mirror, used for the first time by Toyota, enables recording of images to the front and rear of the vehicle while driving. The new Digital Inner Mirror with an added front-facing camera, coupled with the existing rear-facing camera for the Digital Inner Mirror, can now record driving video on SD cards."

MORE ABOUT TOYOTA'S DVR MIRROR

StarCarSifu

"The Digital Inner Mirror has an added front-facing camera; coupled with a rear-facing camera, it can now record driving video on SD cards."

Autotimes News

"So the mirror acts as an advanced DVR that records everything that happens in front and behind the car."

GENTEX

Founded in 1974, Gentex Corporation (NASDAQ: GNTX) is a supplier of automatic-dimming rearview mirrors and electronics to the automotive industry, dimmable aircraft windows for aviation markets, and fire protection products to the fire protection market. Visit the company website at www.gentex.com.

