

H2GO Express Car Wash Uses

NoPileups™ & PEC™

to Improve Safety & Operations

Seeking to improve safety and operations as an industry leader, H2Go Express Car Wash paired the NoPileups full tunnel anti-collision system with water resistant digital display cases from Protective Enclosure Company (PEC) for a Load-On Display solution.

Challenge

H2Go Express Car Wash and other car washes face the issue of cars running off tracks in the car wash and bumping into each other. This can be a safety concern and cost for everyone involved. These pileups also slow down customers trying to get through the car wash as well as reduce the number of cars that can get through the car wash per day. Due to the negative ramifications of these pileups, H2Go Express Car Wash and other car washes face the challenge of preventing these scenarios.

Solution

The NoPileups software leveraged computer vision using IP-based cameras throughout the car wash tunnel to track vehicles from the entrance to the exit of the tunnel. This added a level of safety for car wash customers and enabled car washes to wash more cars with less worries. The NoPileups software was combined with Protective Enclosures Company's The Display Shield outdoor TV enclosure to create a Load-On Display solution.

The Display Shield was mounted at the entrance of the car wash tunnel with a TV inside. The Display Shield provided water resistant and impact resistant protection for the TV so it wouldn't be damaged in the car wash environment. Without a Load-On Display to show data from the NoPileups software, car wash staff would be blind to the status of the NoPileups system. The protected Load-On TV displays all the NoPileups camera views and provides end users real-time status of the NoPileups system.

Results

When a stop occurs, the Load-On Display displays a live view of the vehicle that caused the stop along with a 15-second replay of what occurred. This allows the loader to understand what happened. They then can walk the tunnel, determine if the vehicle is a risk, and correct the issue. Once the issue is corrected, they can safely restart the conveyor.

- No damage to TVs for Load-On Displays
- Car washes run up to 20 more cars per hour during peak times
- Reduced damage costs
- Increased staff satisfaction and retention



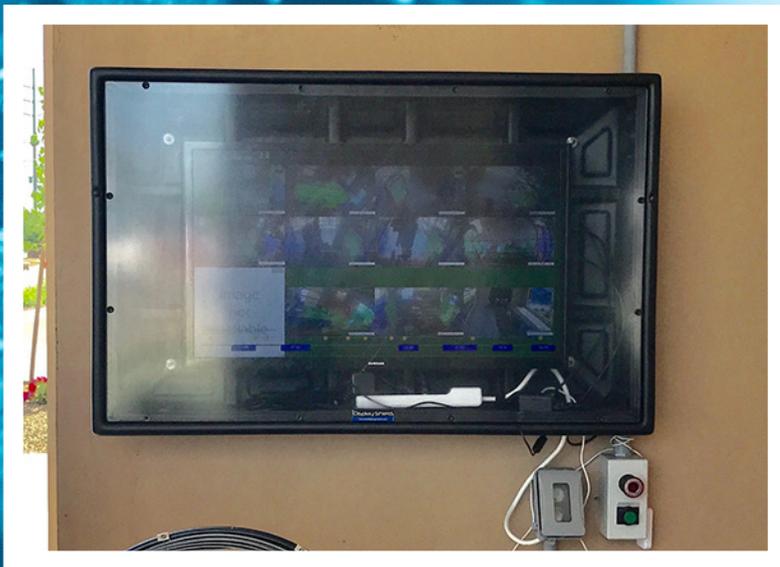
www.h2goexpress.com



www.thetvshield.com



www.drbsystems.com/npu/



"In our industry, the NoPileups system is a must for total peace of mind.

As an owner, I sleep much better at night knowing that collisions are nearly impossible to occur in my facilities.

But this system requires excellent equipment that you can count on. In a wet environment, like a car wash, you must have the ability to see the display easily at the front of the tunnel and keep it safe from moisture.

Protective Enclosures Company provides excellent cases for TVs and displays that keep the water out, are easy to see through, and allow for flexible positioning via the tilt/swivel mount.

They also offer internal fans to help keep your valuable monitor cool knowing that these enclosures might be used in very hot environments outdoors. The two must go hand-in-hand - valuable solutions require reliable, high-quality equipment and support."

Ryan R. Blanchard
Chief Operating Officer
H2Go Express Car Wash