Clever Devices

TurnWarning™
Pedestrian Warning System

Clever Devices designs and develops breakthrough solutions for transit systems that are proven to increase efficiency and reduce operation costs while improving the passenger experience.

Today's pedestrians are more distracted than ever and represent 41% of fatal bus accidents. When pedestrians aren't paying attention while crossing the street, the results can be disastrous. **TurnWarning™** pedestrian warning system from Clever Devices provides audible and visual alerts that tell pedestrians on the street that the bus is turning, increasing pedestrian safety while making turning easier for drivers.

Audio Alerts Save Lives
TurnWarning™ automatically detects when a bus is turning and sends an audio announcement to alert pedestrians on the street that the bus is turning, cautioning them to remain careful and alert. Announcements can be made on both sides of the vehicle simultaneously, or just in the direction of the turn.

Alert Drivers to Presence of Pedestrians
TurnWarning™ makes turning easier and safer for drivers. In addition to cautioning pedestrians to clear the intersection, the system can be configured to audibly remind drivers to check for the presence of pedestrians while turning.

Adjustable Volume Control
The external speaker audio levels can be adjusted based on the time of day, with volumes increased during peak hours and reduced during quieter times. And, using our geofencing technology, agencies can program the system to automatically disable or adjust audio levels based on location such as when the bus is in the garage or the yard or when it enters and exits certain residential or commercial areas.

Optional Visual Warning Lights
As a compliment to the audio announcement, TurnWarning™ can be configured with warning lights that are triggered as the bus turns for increased awareness.

All Components Protected Inside the Vehicle
Turn recognition components are located inside the vehicle where they are protected from the external environment and cannot easily be damaged.

Flexible 3rd Party Integration
TurnWarning™ can be integrated with 3rd party systems. This allows the TurnWarning™ system's alerts to be triggered based on other criteria, such as the detection of a pedestrian by a collision avoidance system.

All Components Protected Inside the Vehicle
TurnWarning™ has been flexibly designed to meet the needs of a wide variety of customers. It can be easily configured on its own or included as part of an overall ITS solution powered by our IVN controller.

Clever Devices

TurnWarning™ pedestrian warning system from Clever Devices provides audible and visual alerts that tell pedestrians on the street that the bus is turning, increasing pedestrian safety while making turning easier for drivers.

Increase pedestrian safety

Since many bus-pedestrian accidents occur at intersections when a distracted person walks or rides a bicycle into the side of a bus, TurnWarning™ makes turning safer for everyone. Make hands-free, crystal clear announcements while staying focused on safe operations and the road ahead.

TurnWarning™ also alerts the driver to check for pedestrians when entering a turn

Visit www.cleverdevices.com to learn more about other related products

IVN® Intelligent Vehicle Network

A smart transit system begins with the Clever Devices Intelligent Vehicle Network (IVN). Our advanced technology provides powerful on-board computing and supports the full range of Clever Devices Intelligent Transportation Systems (ITS) solutions

Secure Bus Access Unauthorized Vehicle Protection

Unauthorized operation of buses can be a problem for the transit industry. In the wrong hands, a bus can be a tool for a reckless joyride, retaliation from a disgruntled ex-employee or used as a weapon of destruction. It is imperative that the use of buses be restricted to only trained and trusted operators.

CleverCAD® Computer-Aided Dispatch

CleverCAD (Computer-Aided Dispatch) is a sophisticated technology solution that delivers greater efficiency and security to transit operations by providing dispatchers and supervisors with a clear, real-time picture of the location and status of every in-service vehicle.

www.cleverdevices.com

Clever Devices, Ltd.
1-516-433-6100

In US. and Canada
1-800-872-6129

Part Number TurnWarning™-001
©2017 Clever Devices, Ltd.