AutoLink - V2X Aftermarket Safety Device

The promise of V2X has arrived with AutoLink, Danlaw's V2X Aftermarket Safety Device. AutoLink is a complete solution that collects real-time driving information from other vehicles and roadside equipment using either DSRC or C-V2X radios. This on-board device provides drivers with all the capabilities of Danlaw's acclaimed OBDII DataLogger, plus the safety benefits of V2V and V2I applications. Drivers will receive access to enhanced route information, critical alerts, and safety advice. Team up with Danlaw to create safer, more efficient travel for the 270 million vehicles on the road today.

**Product Applications**

- Traffic Signal Coordination
- Emergency Vehicle Management
- Law Enforcement Systems
- Traffic Monitoring and Control
- Access and Parking Systems
- Transit Signal Priority
- Platooning
- Eco-Speed Harmonization

**Connected Insight**

AutoLink generates predictive insights, providing 360-degree situational awareness for enhanced safety. Warning messages can be supported by a variety of HMI options, including LED displays, head-up displays, infotainment systems, and audio output.

**Making Safety a Priority**

Drivers receive all the capabilities of Danlaw's OBDII DataLogger, plus the safety benefits of V2X applications, including:

- ✔ Forward Collision Warning
- ✔ Intersection Movement Assistance
- ✔ Left Turn Assistance
- ✔ Control Loss Warning
- ✔ Blind Spot Warning
- ✔ Emergency Electronic Brake Lights Warning
- ✔ Curve Speed Warning
- ✔ Pedestrian Warning
- ✔ Icy Road Warning
- ✔ Lane Change Warning
- ✔ Emergency Communications & Evacuation Information

This document is provided for information purposes only and the contents hereof are subject to change without notice.

Version 9

Copyright © 2019, Danlaw, Inc. and/or its affiliates. All rights reserved.
AutoLink - V2X Aftermarket Safety Device

**Product Specifications**

<table>
<thead>
<tr>
<th>Dimension</th>
<th>5.25” x 3.3” (133mm x 84mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Temperature</td>
<td>-40°C to +85°C</td>
</tr>
<tr>
<td>Processor</td>
<td>Freescale i.Mx6</td>
</tr>
<tr>
<td>Memory</td>
<td>1 GB DDR3 RAM, 8 GB eMMC</td>
</tr>
<tr>
<td>Storage</td>
<td>32 GB SD</td>
</tr>
<tr>
<td>DSRC / 802.11p</td>
<td>2 Ublox radios</td>
</tr>
<tr>
<td>Positioning Module</td>
<td>GNSS receiver</td>
</tr>
<tr>
<td>Sensor</td>
<td>Inertial motion sensor: 3-axis accelerometer, 3-axis gyroscope</td>
</tr>
<tr>
<td>Interfaces</td>
<td>HMI port, USB, speaker output</td>
</tr>
<tr>
<td>Communications</td>
<td>LIN interface, OBDII vehicle interface</td>
</tr>
</tbody>
</table>

AutoLink underwent rigorous testing for OmniAir Consortium's Connected Vehicle Certification Program. AutoLink adheres to conformance and interoperability standards which are critical to connected vehicle pilot programs.

**Related Products**

**RouteLink - Roadside Unit**

Danlaw’s RouteLink RSU easily adapts to existing traffic infrastructure. It is designed to enhance safety and mobility on the road. RouteLink alerts drivers to adverse driving conditions, enables pre-emption for first responders, and grants signal priority to buses and service vehicles.

**Through Glass Antenna**

Keep drivers safe on the road with Danlaw’s dual-radio glass mounted antenna. The antenna is adjustable to most windshield angles and can be easily installed without drilling holes through the vehicle.