

## 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
- ✓ Red Light Violation Warning
- ✓ Control Loss Warning
- ✓ Blind Spot Warning
- ✓ Work Zone Warning
- ✓ Speed Limit Warning
- ✓ Curve Speed Warning
- ✓ Pedestrian Warning
- ✓ Icy Road Warning
- ✓ Lane Change Warning
- ✓ Emergency Communications & Evacuation Information
- ✓ Emergency Electronic Brake Lights Warning

# AutoLink - V2X Aftermarket Safety Device

## Product Specifications

Dimensions	133 mm x 84 mm x 28.5 mm
Connectors	2 FAKRA (C-Key) V2X , 1 FAKRA (Z-Key) GNSS, 20-pin interface connector, USB, micro USB
Temperature	-40 °C to +85 °C
Power	12 or 24 VDC, 400 mA
Processors	Main - Dual core @ 800 MHz, Secondary – supervisor and vehicle interface
Memory	8 GB eMMC, 1 GB RAM
V2X Radios	C-V2X single channel with diversity / DSRC dual channel or single with diversity
Cellular Modem	4G LTE, CAT1
Position Location	GNSS receiver with built-in Dead Reckoning
Inertial Sensors	3-axis accelerometer, 3-axis gyroscope
Interfaces	WiFi, BT, CAN, LIN, USB, 2 x analog turn signal inputs
Audio HMI	Stereo driver, microphone input



Front View



Side Views

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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.