

Captium for Vehicles

STYLE 6421



Captium™

Captium™, the revolutionary and first-ever connected vehicle platform designed specifically for first response vehicles and equipment. Captium technology enables a networked platform for:

- Chassis Health and Diagnostics
- Critical Electrical Controllers
- Multiplexing Systems Water Flow Components
- Real-Time Notifications
- Run-Log Recording
- Over-the-Air Programming Updates

Captium Vehicle Kit Includes Telemetry Control Unit, Connectors, Antenna & Mounting Options

Learn more at captiumconnect.com

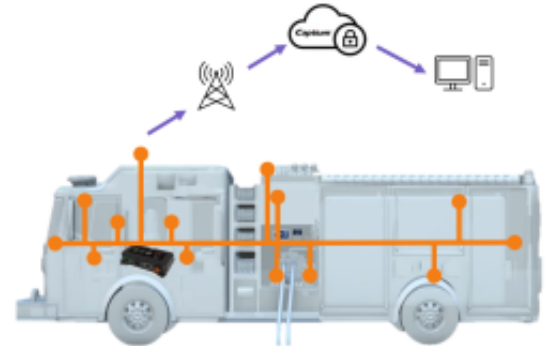
[Register for account access](#)

[Login to Captium](#)

Features

WHY APPARATUS DEALERS RECOMMEND CAPTIUM

In addition to keeping fleet managers and department crews informed of critical vehicle issues, Captium is good business for your dealership. Here



Specifications

Style	6421
Country of Manufacture	US
Type	Selectable Gallonage
Brand	Captium
Length	10.3 (261.682)
Width	6.65 (168.869)
Height	2.25 (57.15)

1.800.228.1161 | www.weldoninc.com | weldoncare@idexcorp.com

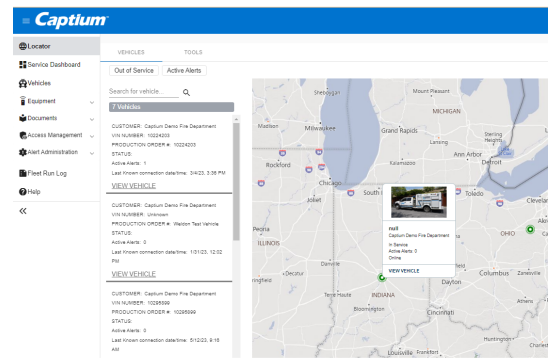
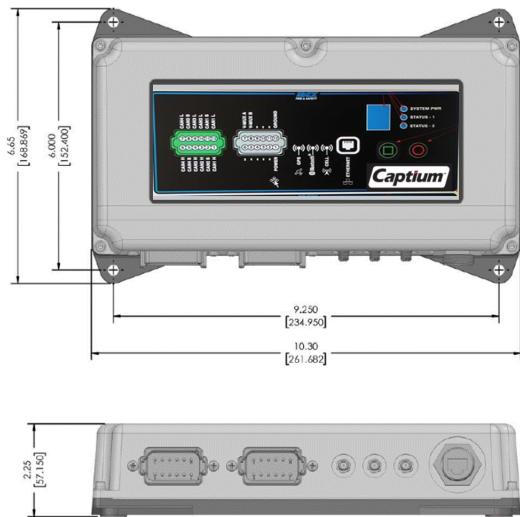
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are a few reasons why:

- **Proactively Address Critical Issues** – With instant reporting of Trouble Codes, you can overserve your customers and bolster your reputation for premium service.
- **Reduce Diagnostic and Travel Times and Warranty Risk** – Save money for you and your customer with the Cummins Diagnostics Integration.
- **Increase Parts and Warranty Claim Support** – With Preventative Maintenance Integration, Remote Diagnostics and Issue History of the water flow systems, your service team can schedule PM service, provide a record of service being performed and better manage warranty claims.
- **Better Manage Available Tech Time** – With Multiplexing integration, you can eliminate unnecessary service visits and increase tech availability.
- **Improve Access to Service History** – With online document storage, you can reduce factory requests or inability to locate physical copies at customer site and speed up your ability to serve.
- **Recommend Apparatus Replacement** – With access to track engine hours and mileage on Captium-connected apparatus, you can get started on specing new apparatus at just the right time.

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Captium Connect Specification

Designed and developed exclusively for emergency responder apparatus, a Captium vehicle telemetry control unit shall be capable of installation on new vehicles and retrofit on existing vehicles to provide users access to information collected from their apparatus via a secure cloud data hub that guarantees secure communication via encrypted channels from any web browser.

The Captium vehicle telemetry control unit shall connect to the Captium cloud data hub via integrated cellular modem and GPS or optionally interoperable with an onboard mobile modem/router in lieu of integrated cellular modem via ethernet connection or optionally to any allowable Wi-Fi hotspot priority will be to connect to ethernet connection when available.

The Captium vehicle telemetry control unit shall be compatible with OBDII, J1939, V-MUX and Es-Key networks and authorized firefighting waterflow systems such as pump governors and other vehicle-networked equipment.

The Captium Data Hub shall display:

- Each vehicle identified by VIN and user-defined identification name / number.
- Location of vehicle by GPS
- Last update time
- Chassis health and diagnostics
- Vehicle alert notifications and maintenance reminders
- Run log recording
- Over-the-air programming updates
- Data logging
- Out-of-service indicators

Data Hub Security

- Microsoft Azure infrastructure

Chassis information

- Engine speed
- Coolant temperature
- Maximum coolant temperature with time/date stamp
- Battery voltage

- Throttle
- DTC error / trouble codes
- Vehicle Speed
- Transmission Oil Temp
- Fuel level
- Mileage

Pumping engine

- Engine hours
- Engine RPM
- Pump engine idle time in past 24 hours
- Coolant temperature
- Maximum coolant temperature with time/date stamp
- Intake air temperature
- Ambient air temperature
- Maximum ambient air temperature
- Ambient barometric pressure
- Oil pressure
- DTC error / trouble codes

Multi-plex system

- Remote diagnostics access for V-MUX or ES-Key-based systems
- The telematics system's manufacturer shall have interoperative agreements in place with third-party telematic information services including Cummins connected Diagnostics[™] and Haas alert.
- The telematics system shall include 5 years of cloud access to the Captium Data Hub
- The telematics system shall be Captium, as provided by Weldon, a division of Akron Brass, a trusted IDEX Fire & Safety brand, no exceptions.

