

GD4010: Ruggedized Smart Displays for Waste Collection Vehicles



Tough environments demand tough solutions

FleetMind's new GD4010 Smart Display by General Dynamics Canada is a lightweight yet rugged touchscreen display that provides waste and recycling organizations with the most robust and the toughest onboard computing platform. In a complete package that is fully-integrated and easy-to-install, the GD4010 provides unprecedented real-time information to drivers and dispatchers about a truck's load-weight, route status, service completion, vehicular telemetry, driver activities and much more.

The GD4010 is part of the General Dynamics tactical computing and display product line for vehicle and handheld applications. It manages a wide range of inputs from a vehicle's on-board systems including cameras, scales, RFID readers, tire pressure and fuel monitoring, as well as other devices. Developed for armored vehicles and harsh military environments, the GD4010 includes an advanced feature set within a smaller, more compact package that reduces the need for multiple individual components.

Benefits:

- Rugged enough for most demanding operating environments
- View-able in even the brightest sunlight or snow-glare conditions
- Saves space, weight and power costs by combining advanced functionality in a single housing
- Easily integrated into existing vehicle and back-office systems
- Multiple inputs for cameras, scales, CANbus, USB and other serial devices
- Meets the MIL870 standards for shock and vibration proofing
- Meets IP65 standards for dust and waterproofing

Advanced features:

- 10.4" diagonal 1024x768 pixel, sunlight view-able display
- Intel™ Atom processor
- Camera/video input and digitization
- Video switching
- 4G and Wi-Fi communications
- Vehicle bus (CANbus) interfaces
- Network, serial and USB communications
- VOIP capabilities
- Shock detection circuitry
- Solid state hard drive