

DYNAMIC FLOW COMPUTERS

DynaCheck

DynaCheck is a truck mounted device that minimizes tampering with the cargo by continuous monitoring of multiple cargo access points such as vents, gates, manholes, lids, side doors, etc.

The system stores hundreds of truck events providing a comprehensive audit trail. This has multiple advantages including an increase in accountability, discouragement of cargo theft and automatic truck location when used in conjunction with GPS systems, among others

Digital Security Logger for Fuel Systems



DynaCheck

Here are just few of the ways we've got you covered:

- * Improved **Security** over mechanical locks and paper logs.
- * **Simple** local operation with a single push button
- * Data is available via **wireless handheld** or wired **Modbus** protocol
- * The system can **expand** up to 8 sensors and additional devices via RS-232/485 port
- * Completely **rugged** and designed to exceed the environmental conditions
- * Based on over 20 year of Dynamic's **experience**.

TECHNICAL DATA

Operating Conditions

- Power Consumption: 25mW
- Temperature: -40°F to 185°F
- Humidity: 100%
- Environment: NEMA 4X Class 1 D1

Processing

- Low Power 40Mhz 8-Bit CPU
- Battery backed Real Time Clock

I/O

- Internal Battery Monitor
- 5V/12V Outputs for external sensors
- 8 Digital In/Out (User configurable)
- Over voltage protection.
- One Push Button for user interface
- 2 Line x 16 Characters Display
- LED Backlight

Housing

- Aluminum Class 1 Div 1 Housing
- Two 3/4 NPT openings for connections.
- One 3/4 NPT Bottom opening for mounting or additional wiring.

Dual Power System:

- Internal Rechargeable Lithium-Ion Battery. (May be main power or backup for external supply)
- External Power (12 to 30 VDC). Includes reverse polarity, over current and over voltage protection.

Communication

- Industrial Bluetooth (Class 1)
- Low power 2.4 GHz Band Radio
- TTL interface for 900 MHz or 2.4 GHz radio.
- One (1) RS232/RS485 Serial Port with Modbus™ communications.
- Bluetooth Communication with Handheld running Windows® Mobile.

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