



FuelFocus Island Controller

Site Control

- Controls all system operations and components
- Multi-tasking, real-time operating system
- Modular components
- Ability to read any mag stripe card
- Ability to read any type of proximity card/key
- Ability to request pin numbers for vehicle or employee
- Ability to change prompts based on vehicle type
- Ability to monitor any fuel or product that can be metered and pulsed, such as diesel, unleaded, E85, Urea, CNG, LNG, propane and Hydrogen
- Automatic PM (preventive maintenance) alerts from FleetFocus™

Pump Control

- Simultaneously controls up to 16 hoses (see Hardware-Hose Control)
- Ability to enable/disable pump via host software
- User defined total transaction timers
- User defined no-pulse timers per hose
- User defined after pulse timers per hose
- Automatically disables pump after three consecutive no quantity transactions
- Mechanical or electronic dispenser control

Card Lockout

- Only vehicles or employees in database can obtain fuel
- Ability to limit number of fuelings per day
- Ability to limit fuel to vehicle or user defined tank capacity

Transaction Printing

- Optional real-time on site journal printing available for hard copy backup
- Optional receipt printer for credit card transactions
- Access and print reports from any FleetFocus workstation

Inventory and Pump Totals

- Maintains book inventory with user defined reorder points for an unlimited number of tanks
- Maintains pump totalizer readings in FleetFocus
- Ability to compare book inventory with Veeder Root inventory with optional TLS interface module

Clearing House Capability

- Real-time, on-line communication with JP Morgan Chase Paymentech clearing house to authorize transactions for fuel via credit card use. Currently can process VISA, MasterCard, American Express, Diners, Wright Express and Voyager

Security

- Windows Embedded Operating System is fully locked down with minimal ports open for communication with host software Security Policy available for review from a third party certification company.

Product Authorization

- Controls access to product type on a vehicle by vehicle basis
- Ability to authorize vehicle for several products in one transaction

Systems Storage

- System has over 4GB of storage for transaction and database history in the event of loss of communication with FleetFocus database. System load tested with database of 50,000 vehicles and 50,000 employees and could hold in excess of 100,000 transactions in memory.

Easy to Maintain

- All electronics in the FuelFocus Controller head for ease of service when upgrading or switching out parts – no special tools or skills needed

AssetWORKS

Adaptability & Expandability

- Mix all methods of authorization; combine Proximity Cards, Keypad and RF-based fueling in one unit. Also available in a truck mounted version for mobile refueling.
- System designed to upgraded as clients needs change. Unlimited number of sites, employees, and vehicles

Approvals

- UL, ULC, SIRA, CARB, ETL, ATEX and FCC approved

Hardware Features

ADA Compliant

- Different pedestal heights available to meet ADA requirements

Power Requirements

- 100 - 120 VAC for USA
- 200 - 240 VAC for Europe
- The ICU is fused at 120 VAC/3.15Amp.
- Typical power draw is 1 Amp 40F and above
- 2 Amp 40F and below. (The heater draws 1 Amp)

Environmental Requirements

- -40F to +130F (-40C to +54C)

Operating System

- Windows XP embedded

Pulser Capacity

- Quantity (1:1, 10:1, 100:1 ratios)
- Resolution to .001 gallon/liter

Data Entry

- 4 x 4 weatherproof metallic keypad
- Magnetic Stripe insertion card reader
- 4 line x 30 character LCD display
- HID, AWID, Motorola Indala, GE Security, and other proximity card reader support
- Radio Frequency data transmission for vehicles equipped with RF Vehicle Box

Memory

- 1 GB RAM, battery-backed
- 4 GB Industrial Flash Disk



Safeguards & Protections

- Transient protection on AC power input
- Missing pulse detection

Diagnostics

- Built-in hardware and software diagnostics
- Built-in LED indicator lights
- Remote diagnostic software

Receipt Printer

Optional, to be used with Paymentech Module Option

Optional System Configurations

Optional software features allow you to customize the system to your requirements. All features are available and discussed upon implementation.

Supervisor Option

- A specially encoded supervisor option that allows the system to authorize fuel for vehicles not in system database while still recording all pertinent information.

Tank Monitor Interface

- Enables the communication with a Veeder Root TLS 300/350 tank gauge through RS232 or LAN connectivity. Also works on any tank monitoring system that supports the standard Veeder Root Communication Protocols.

User Defined Pump Numbering

- Allows you to assign different sequential hose outlet numbers at sites having more than one controller

Extended Pump Timeouts

- Allows you to extend the standard maximum timeout from 0 seconds to 600 seconds

Vehicle Data Collection

- Enables you to also configure a FuelFocus Controller to capture meter updates without fueling as a vehicle drives within 300' of a FuelFocus Controller

Optional Stainless Steel

- For applications where corrosion is a concern, the entire FuelFocus Controller can be special ordered and fabricated in stainless steel.
- Stainless steel 6" risers only also available

AssetWORKS