RADIANT FUEL CONTROLLER

built for petroleum and convenience retailing

Radiant®
S Y S T E M S

Today's customer has many choices for fuel and convenience items. As a result, it is more urgent than ever for petroleum and convenience store operators to deploy site operations technology that promotes consistent, exceptional customer service at the fuel island.

The Radiant Fuel Controller provides petroleum and convenience store operators with an advanced, dedicated device for managing fuel – the most important driver of store traffic. This fit-for-purpose and highly reliable device offers flexibility to support any major brand of fuel dispenser and robust capabilities to deploy and manage fuel island marketing programs.

RADIANT FUEL CONTROLLER

⊗ MAXIMIZE FUEL SYSTEM UPTIME

Process fuel transactions independently of the store point-of-sale or back-office server. Minimize points of failure by interfacing directly with the store network rather than a gateway point-of-sale station or server. Maintain data locally in the event of a lost network connection.

⊗ CONTROL ALL MAJOR PUMP BRANDS AND MODELS

Leverage open architecture to seamlessly integrate with all models of Dresser-Wayne, Gilbarco, and Tokheim fuel dispensers.

⊗ DEPLOY MARKETING PROGRAMS AT THE PUMP

Deliver marketing messages to fuel customers through island card readers or multi-media fuel dispensers. Remotely configure, deploy, and manage fuel marketing programs for all stores from a central location.

⊗ STREAMLINE MAINTENANCE AND RETURN TO SERVICE

Significantly reduce support and maintenance issues via a solid-state, retail hardened device. Provide on-site maintenance through remote diagnostic and support tools, virtually eliminating the need for site visits by maintenance personnel.

⊗ REDUCE TOTAL COST OF OWNERSHIP

Use a consistent technology platform across all sites, no matter what brands of fuel dispensers are installed. Streamline technology administration and support.

FEATURES	BENEFITS
Industry standard pump support	Interface to all models of Gilbarco, Dresser-Wayne, and Tokheim dispensers
Dual Fuel/ICR ports	Control dispensers, price signs, and Island Card Readers (ICR)
Ethernet port	Improve fault tolerance with POS/controller interface via the store LAN rather than a gateway POS station or server
Dual RS232 ports (Host PC Ports)	Support optional Serial Connection of POS Terminal to Fuel Controller
LEDs for LAN, pump, RS232 ports, and power	Provide excellent diagnostic support
Dedicated fuel controller device	Streamline return to service
Solid state design	Increase reliability – no moving parts
Small form factor	Minimize counter space requirements

SPECIFICATIONS

Enclosure	Low profile aluminum with a plastic front bezel
CPU	Hitachi SH-3 32-bit RISC microprocessor
Volatile Memory	16 MB DRAM
Operating System	Windows® CE
Mass Storage	16 MB Flash storage
Networking	On-board 10BaseT Ethernet TCP/IP Protocol
Serial Ports	Two general purpose serial ports with RJ-45 connectors
Dual Fuel / ICR Ports	As Fuel Controller, support for up to: 32 Gilbarco pumps 32 Dresser-Wayne pumps 16 Tokheim pumps (with 98 Dbox) 32 Tokheim pumps (with 67 Dbox) As ICR Controller, support for 32 pumps Combined Fuel / ICR support for: 16 Gilbarco pumps / 16 ICR 16 Dresser-Wayne pumps / 16 ICR 8 Tokheim pumps (with 98 Dbox) / 16 ICR 16 Tokheim pumps (with 67 Dbox) / 16 ICR
Dimensions	2" (H) x 7" (W) x 5.5" (D) 5.1 cm (H) x 17.8 cm (W) x 14 cm (D)
Power	Input: 120 VAC, 60 Hz, 0.15 A
Weight	1 lb., 6.6 oz., 0.65 Kg
Operating Temperature	50° F to 113° F, 10° C to 45° C
Storage Temperature	32° F to 158° F, 0° C to 70° C
Operating Shock	2G, 11 msec pulse
Humidity	5% to 95% non-condensing
EMI Certifications	FCC part 15 Class A, EN55022 (CISPR)
Safety Certifications	UL 1950

Radiant SYSTEMS®

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WWW.RADIANTSYSTEMS.COM OR CONTACT US AT 877.794.RADS

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