



TIGER FUEL CONTROLLER

built for petroleum and convenience retailing

Increased competition, a complex retail environment and demanding consumers require petroleum retailers to reinvent the way business is conducted at the fuel island. Unfortunately, existing fuel technology inhibits the ability to deliver value added capabilities such as promoting in-store specials, delivering self-service applications or supporting multi-media presentations at the dispenser.

Radiant has introduced the Tiger fuel controller to increase transaction speeds and enable innovative marketing programs at the dispenser. With over fifteen years of experience providing petroleum retail with innovative fuel control technology, Radiant delivers a solution that unlocks the potential of your fuel island. Retailers will now have the flexibility to deliver faster service and transact more business all while reducing the complexity and costs of managing the operation.



TIGER FUEL CONTROLLER

➤ IMPROVE SPEED OF SERVICE

High performance fuel controller improves customer loyalty and throughput at the pump. Recognize a dramatic increase in transaction speed across all pay-at-the-pump transaction types. Such as debit, credit, fleet, loyalty and cash acceptor.

➤ SUPPORT ROBUST MARKETING PROGRAMS AT THE PUMP

By increasing bandwidth to the fuel island, you can easily introduce multimedia capabilities at the dispenser to enable self-service transactions, which support loyalty programs and advertise in-store promotions.

➤ MAXIMIZE FUEL DISPENSER UP-TIME

Eliminate multiple devices, such as D-Boxes and converters, which serve as potential points of failure. Enable dispensers to run autonomously from the point-of-sale, isolating the fuel island from in-store failures.

➤ LOWER TOTAL COST OF OWNERSHIP

Increase forecourt performance without replacing in-store POS by reusing existing wiring, connections and cabling to reduce disruption at the site during installations.

➤ PROVEN AND INNOVATIVE SUPPORT MODEL

Increase service and decrease support costs with Radiant's global partnership through UPS Logistics and backed by our ISO:9001 certified Field Services network. Eliminate costly site visits through remote support diagnostics and upgrade capabilities.

FEATURES

High-performance CPU with eight high-speed 16C550 compatible communication channels

BENEFITS

- Easily support high transaction volumes on the forecourt

Proven, industry standard dispenser support

- Interface directly to all models of Gillbarco, Dresser-Wayne, Tokheim and Tatsuno dispensers, Island Card Readers and security modules
- Support interface to the Radiant Outside Payment Terminal
- Proven software interface eliminates risks associated to new technology solutions

16 RS485 ports

- Eliminate requirement for distribution boxes and converters. Each port supports up to eight devices.
- For Wayne DCPT or Tokheim DPT in-pump payment terminals

16 Current Loop (CL) ports

- Each port individually driven for high performance for Gillbarco pumps, Wayne pumps or Gillbarco CRINDS
- Reduces field service complexity and costs
- Each CL port can support up to 4 devices
- Selectable loop current provides flexibility and investment protection

Dedicated forecourt controller

- Eliminating multiple devices serving customers with one unified design
- Reduce support complexity
- Streamline service processes

Ethernet port

- Connects your IP-enabled POS to pumps
- Empowers remote IP connectivity to pumps

RS232 ports

- Directly connect other forecourt devices sch as tank monitors, car wash and price signs

LEDs for LAN, power and communication ports

- Provide diagnostic support at the site

Remote diagnostics, support and upgrade

- Reduce costly site visits
- Provide comprehensive support capabilities from a remote help desk

Solid-state design with no moving parts

- Increase reliability
- Decrease total cost of ownership

Convenient form factor with integrated mounting brackets

- Minimize space requirements
- Wall or counter mounted

Re-use Radiant fuel control software with over fifteen years of innovation

- Eliminate issues associated with a new product
- Solid technology platform can quickly support new business functions and technology innovations

Additional flexible communication capacity

- Support existing site systems and wiring
- Other connectivity onboard

SPECIFICATIONS*

Enclosure	Powder coated sheet metal with integrated mounting brackets, removable hinged doors and transparent window for easy monitoring of LEDs and cable connections
CPU	Intel® Celeron® 400 MHz (Intel long life road map)
Chip Set	Intel 810 (Intel long life road map)
Volatile Memory	128 MB SDRAM
Operating System	Windows® CE 3.0
Mass Storage	Compact Flash Card – 32 MB standard configuration
Networking	Auto-selecting 10Base-T/100Base-T Ethernet
Expansion	1 Compact Flash slot with PCM-CIA / IDE controller available for expansion; 1 available USB port
Dimensions	57.66 cm (H) x 26.20 cm (W) x 8.13 cm (D) 22.7" (H) x 14.25" (W) x 3.2" (D)
Power	Input 80 - 240 VAC auto-selecting
Weight	16 lbs.
Operating Temperature	-5° – 50°C / 23° – 122°F
Humidity	5% – 95% non-condensing
Planned Certifications	UL-1950, FCC Part 15, C-Tik

**Specifications are subject to change.*



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