

Electronic Shelf Labels

Revolutionize the way you manage pricing with our state-of-the-art Electronic Shelf Label solution. Designed for modern fuel retail and convenience environments big and small, this powerful system supports many e-labels within a single range. With dynamic centralized pricing, you can push updates across your entire site instantly, ensuring accuracy, consistency, and speed.

ESLs integrate seamlessly with your existing ERP, POS, and inventory systems, eliminating manual pricing tasks and reducing human error. Backed by a cloud-based platform, changes are reflected in real time, giving you full control from anywhere. Whether you're managing fuel zones, retail items, or seasonal specials, our ESL solution keeps your operations sharp, efficient, and ready for what's next.



Key Features



Real-Time Price Sync

Instant updates across all shelves via centralized control, ensuring accurate pricing and reduced manual errors.



BLE + Wi-Fi Connectivity

Dual wireless protocols enable fast, stable communication with gateways and cloud platforms.



Long Battery Life

E-ink displays consume ultra-low power, delivering up to 5 years of battery life with multiple daily updates.



Multi-Color E-Ink Displays

Supports black, white, red, yellow, and full-color options for vibrant promotions and clear visibility.



Cloud & App Control

Manage ESLs remotely via dashboard or mobile app perfect for multi-store operations and agile marketing.



LED & NFC Integration

LED indicators assist in picking and restocking; NFC enables tap-to-update or customer interaction.



ERP/POS Integration

Seamless API connectivity with backend systems for automated pricing, inventory, and campaign sync.



IP65/IP67 Durability

Waterproof and dustproof ESLs built for retail, warehouse, and industrial environments.



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The Electronic Shelf Label system from Fiscal Systems is built for performance and reliability. Powered by the G1 Gateway, it delivers a faster, stronger connection with ultra-low latency and rock-solid stability, even in high-density environments. This gateway acts as the communication hub, linking all ESLs to the Cloud Platform, which serves as the central command dashboard for price updates, promotions, and system integration.

Whether you're syncing with POS, ERP, or inventory systems, everything is connected, streamlined, and easy to manage. Each label runs on a long-lasting replaceable battery, engineered to last several years under typical retail usage, minimizing maintenance and keeping costs low. Whether you're operating hundreds or thousands of tags, the system scales with your business without adding complexity. It's a smart, sustainable solution that's ready for your store's future



Gateway

- Supports input with DC 5.0V, 1A, micro-USB
- Supports 10/100 Ethernet with 802.3af PoE
- Supports firmware upgrade Over-the-Air
- Supports HTTP (support SSL/TLS) /MQTT (support SSL/TLS)
- Operating Temperature: -25 degrees C to 65 degrees C (can you use the degree symbol here and not the word)

E-Labels

- 5-10 year replaceable battery life

Display

- Display size 1.54" - 11.6"
- Single- and double-sided labels
- Cooler and freezer options

Color display options:

- Black & White
- Black, White & Red
- Black, White, Red & Yellow
- Some with 7-color LED loops for status indicators

Special designs

- Ultra-thin builds (7.8 mm - 9.8 mm thick)
- MZ5021 model with five individually controlled 2.13" screens in one unit.



Get in Touch

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