



Technotrade
Forecourt automation



Smart Bowser Dispenser



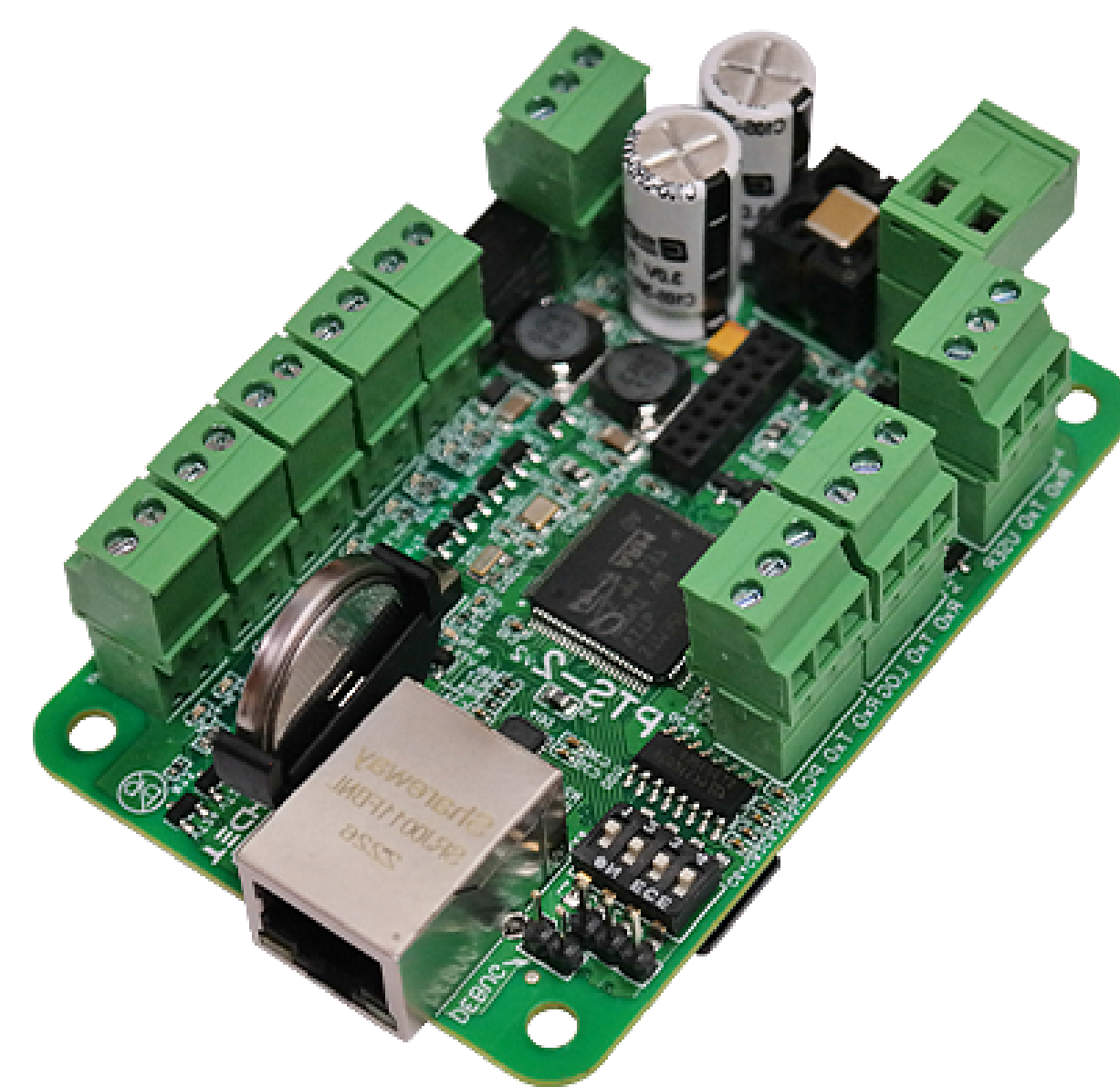
CZF-BN1111

- High accuracy
- Long lifetime
- High reliability
- Easy maintenance
- Flexible configuration

**Secure. Reliable.
Intelligent.**

Smart automation system (optional):

- PTS-2 IoT forecourt controller
- Wireless connection to dispensers
- Payment terminals integration
- E-invoicing
- Cloud server for reporting and analysis



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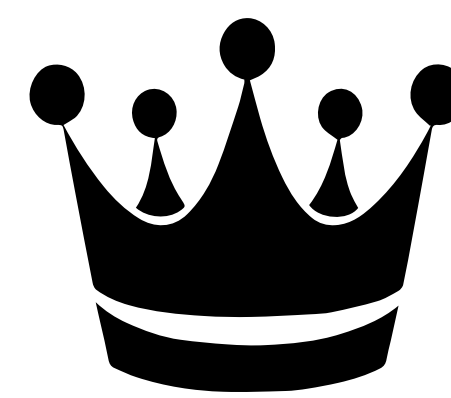


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CZAR[®]

EMPOWERING METRIC SYSTEM

General Information

CZF-BN1111 fuel dispenser combines advanced electronics, high-precision metering, and robust security features for reliable forecourt operations. It is equipped with a maintenance-free 2-piston positive displacement flow meter with accuracy better than $\pm 0.2\%$, onboard temperature monitoring, and encrypted transaction storage up to 64 GB. Supporting RS-485, IFSF, and Fuel-Connect[®] communication interfaces, the dispenser delivers flow rates from 2 to 130 LPM.

Performance

Operating temperature range: -25°C to 55°C

Design Pressure: 3.5 bar

Delivery Speed:

- SD: 2 – 40 LPM
- HD: 2 – 80 LPM
- UHD: 5 – 130 LPM

Minimal measured quantity:

- SD: 2 L
- HD: 2 L
- UHD: 5 L

Accuracy range: $\pm 0.2\%$ with MMQ (Class 0.5)

Certified: ATEX, OIML, PESO, LM-India

- Automatic Fuel Nozzle
- High pressure coalescing filters
- Back Check Valve
- 2-Piston Positive Differential Flow Meter with encrypted communication and a pulse volume of less than 2 ml
- Unlimited transaction data
- Programable Predictive Maintenance Alerts
- Display with power back up of 15 minutes
- On board temperature sensor
- Intelligence ATC functionality
- Electronic totalizer
- Integrated electronics section, conduit cable routing
- HTN or PMVA displays
- 20x4 informative LCD
- 24VDC dual flow Solenoid Valve

Communication Interfaces

- CZAR proprietary up to AES-256 RS-485 communication protocol
- IFSF Protocol
- Fuel-Connect[®] automation interface
- Other Automation compatible

Security

- Protected Time Stamped event log for Errors, Alerts and parameter changes
- Up to 64GB Encrypted Industrial grade Memory card with family integrity for all life-long transactions & logs
- Dynamic Passwords for Multilevel users

Structure Options

- Powder-coated on MS CRC.
- Powder-coated on GI coated MS CRC.
- Annealed stainless steel.
- Textured stainless steel for exterior panels.
- Customer's branding and color options available during design & manufacturing