

## Smart Dispensers

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

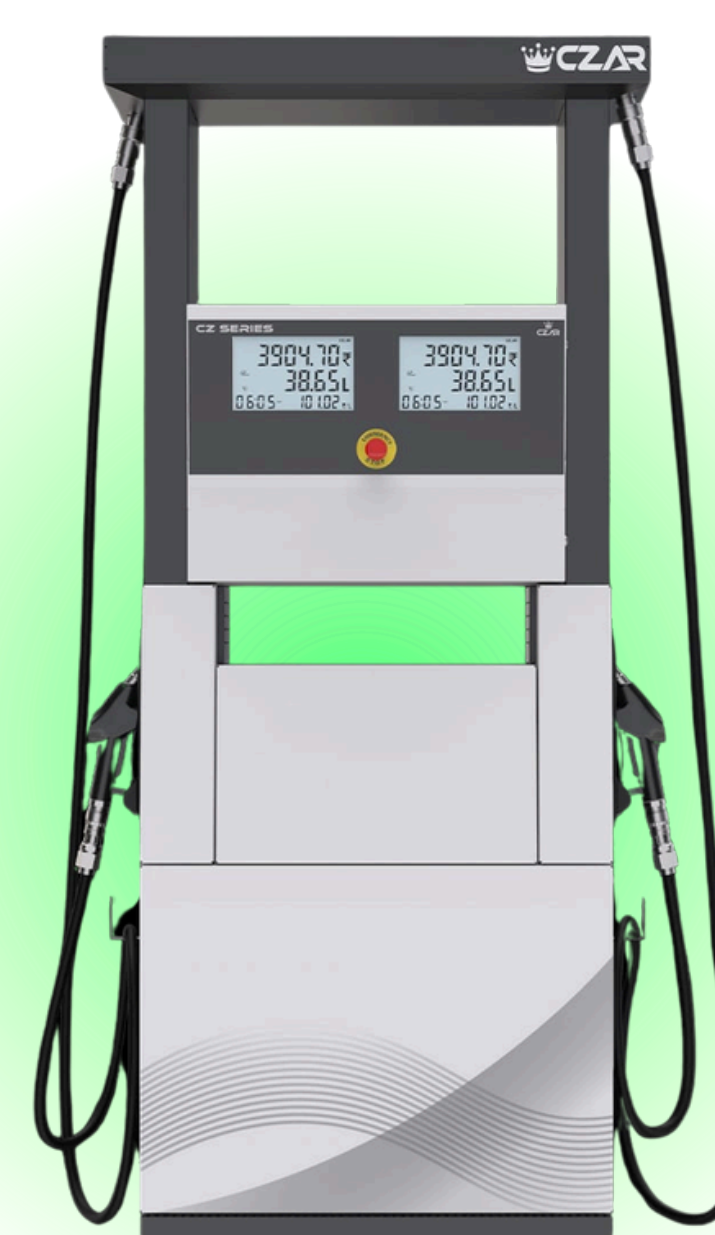
**Secure.**

**Reliable.**

**Intelligent.**



**CZF-TS2442**



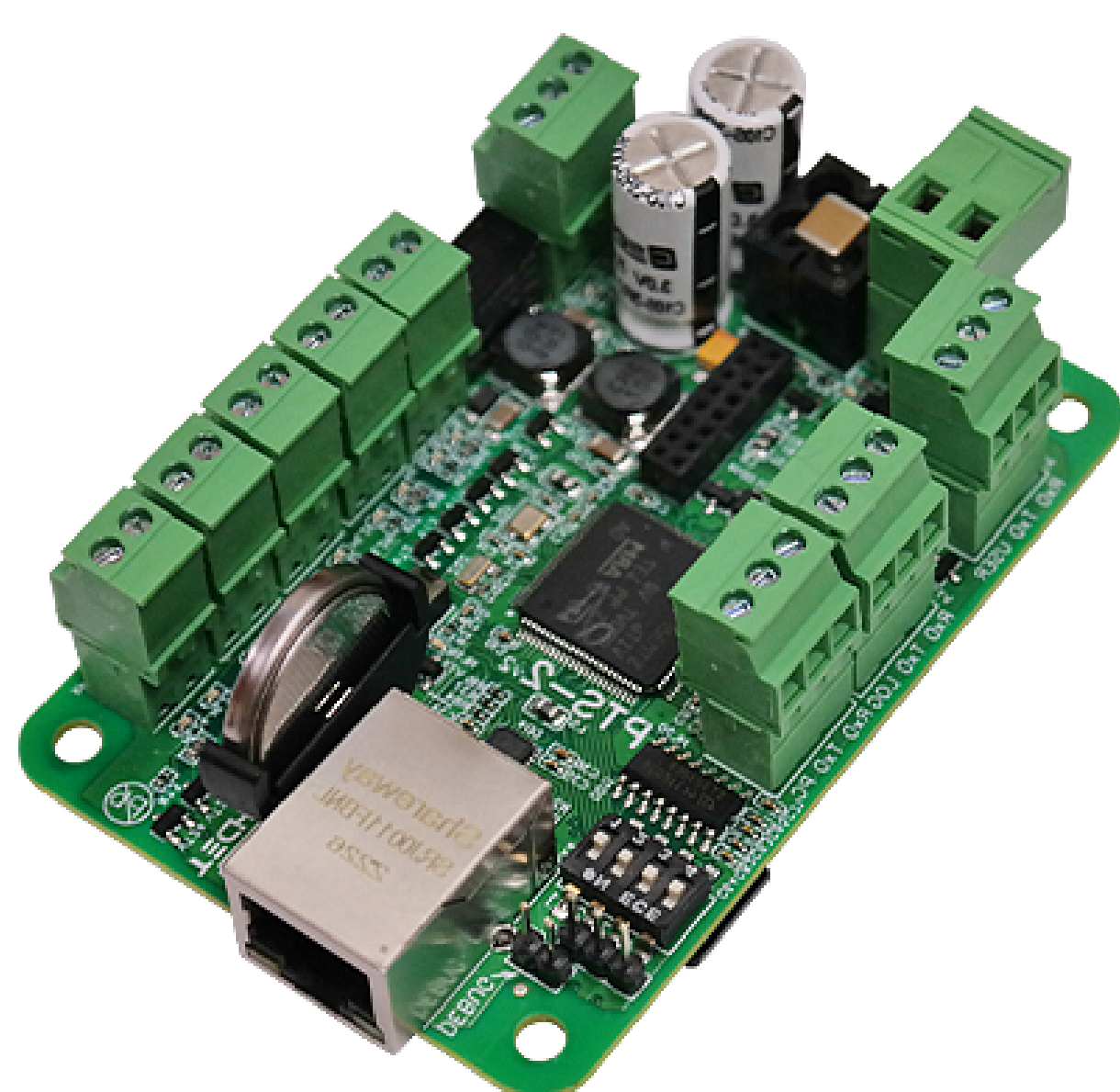
**CZF-TS2224**



**CZF-TW4882**



**CZF-LS4882**



## Smart automation system (optional):

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



**Technotrade**  
Forecourt automation



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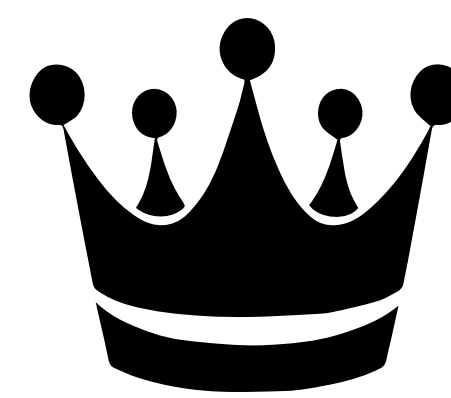
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# Technotrade

Forecourt automation



# CZAR<sup>®</sup>

EMPOWERING METRIC SYSTEM

## General Information

These are advanced fuel dispensers with high-accuracy 2-piston PD meter (<2 ml/pulse), optional ASTM-compliant ATC (Automatic Temperature Compensation), RS-485/IFSF communication interfaces, encrypted 64 GB transaction memory, and integrated temperature monitoring. Equipped with 24 VDC dual-flow solenoid valves, automatic fuel nozzles, and heavy-duty breakaway hoses, providing reliable, secure, and maintenance-free operation for modern forecourt systems.

## 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:** ± 0.2 % with MMQ (Class 0.5)

**Certified:** ATEX, OIML, PESO, LM-India

- Automatic Fuel Nozzle
- Double swivel Type 3 EN 1360 hose with breakaway, 15° angled outlet
- 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
- 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