



TT8800 Outdoor Payment Terminal Datasheet

Overview

The TT8800 Outdoor Payment Terminal (OPT) is an EFTPOS enabled platform for the authorisation and payment of fuel transactions in unattended, outdoor applications. The TT8800 has a proven reliability and durability throughout Australia, accepts all major debit and credit cards and can support discounts, product restrictions, compliance functionality and private account card systems.

Features

- » 24-hour refuelling with stand-alone operation or self-serve in conjunction with "in-store" forecourt controller (TT6000).
- » Designed for outdoor use in a wide range of applications, including retail, transport, aviation and marine applications.
- » Designed and built to operate in the harshest environments (dust, temperature, humidity, rainfall etc.).
- » Supports all electronic dispensing equipment (dispensers and pumps) and communications protocols used in the Australian market and can support up to 32 refuelling positions.
- » Online EFTPOS with high transaction security via the highest payment industry data encryption standards.
- » Supports account cards, vehicle identification, discount, product/time restrictions and compliance card functions.
- » Provides remotely monitored features such as Emergency Stop, Low Receipt Paper, Critical Tank Levels, Mains Power Failure and EFT Connection Failure.
- » Supports major automatic tank gauging (ATG) systems to provide remote management of fuel inventory.
- » Remote system management capabilities via TWeb and TT Fuel's hosted cloud services, including auditing of transactions and events, configuration of system parameters, real time and scheduled price setting, account card database updating, download of EFTPOS and account card transactions and download of settlement data.

Key Benefits

- » Cost effective fuel sales at attended or unattended sites.
- » Lower operating costs by reducing or eliminating dependency on staff at site.
- » Increased income by offering 24-hour fuel sales.
- » Delivering a valued community service through 24/7 access to fuel.

EFTPOS / Card Specifications	
Cards Supported	All major financial institution cards, both Debit and Credit (Visa / MasterCard / AMEX), fuel cards (WEX / MotorPass / MotorCharge) and locally issued account cards.
PIN Pad Payment Security Standards	PCI UPT & PED 3.x; Algorithm - 3DES, RSA; Key Management - DUKPT; EMV Contact L1 & L2, EMV Contactless L1; Mastercard TQM (PCD/IFM); PayPass, PayWave, DPAS, ExpressPay, Interac Flash.
Card Reader Standards	Magnetic Stripe Reader (ISO 7811 AAMVA Tracks 1/2/3, Bi-directional); Smart Card Reader (asynchronous ISO 7816) – EMV 4.0 Contact L1 compliant - Magnetic Head Life: tested to over 1 Million swipes; Contactless.
Acquirer	First Data Interchange. (FDI)
Receipt Printer	57mm thermal receipt printer with approximately 1000 receipts per paper roll.
GST Compliance	Produces GST compliant Tax Invoices.
Loyalty / Account Features	
Discount Schemes	Supports discount cards to provide discounts to local card/account customers.
Product Restrictions	Supports product (fuel) restrictions on local card/account customers.
Forecourt Specifications	
Supported Protocols	TT Fuel / Gilbarco/ Dover / Gallagher / Compac / Sanki pump protocols.
No. of Supported Hoses	Up to 32 refuelling positions on the forecourt.
ATG Interface	Interfaces with all major ATG systems, including TT Fuel, GVR, OPW, Franklin, Windbell, OKet and Vega.
Forecourt Controller	Supplied with integrated forecourt controller for fully unattended application and interfaces with TT Fuel TPOS and POSTEC FCC.
NMI Compliance	Fully NMI compliant. (certificate S440)
Communication Specifications	
EFTPOS Interface	3G, 4G, NBN* (*with approved router)
Local Card Authorisation	Internal verification or 3G/4G real time on-line (includes local pre-paid cards).
Transaction Reporting	Real-time reporting through TWeb.
Remote Management	TCP/IP over Ethernet / 3G / 4G / NBN.
Remote Monitoring and Management	
Remote Alarming	Automatic critical event monitoring and SMS/Email alarm notifications, including: <ul style="list-style-type: none"> • Emergency-stop activation, mains power failure, UPS battery status. • Low receipt paper, paper out • PINPad status (offline detection), pump offline, system "heartbeat". • Intrusion detection. • Dispenser and price-sign price change confirmation. • Tank level alarms on low, low-low, high, high-high and fuel leak detection. (with suitable ATG fitted)
Remote Management	Remote management via TWeb, including: <ul style="list-style-type: none"> • Transaction & inventory management. • Real-time and scheduled price changes. • Event analysis. • Scheduled data import / export to third party software applications. • Firmware upgrades.
Audit	Internal audit log which can be accessed via TWeb.
General Specifications	
Environment	-10C to +50C with 95% non-condensing humidity. Pin Pad IP65, Card Reader IP4X.
Electrical	230V AC 1A maximum - UPS and power filter included. All electrical and communications connections protected by surge arrestors.
Security	<ul style="list-style-type: none"> • Tower manufactured from powder-coated 304 stainless steel. • Option for 316 grade stainless steel tower for marine environments. • Separate internal cabinet for wall-mounted applications • High security key system with unique master and site-specific keys. • Optional intrusion detection.
Physical Dimensions	Height: 1804mm, Width: 655mm, Depth: 473mm.