

OPERATOR CONSOLE & FARE PAYMENT DEVICE

TP5000



ABOUT ERG

ERG Group is a world leader in the development, supply and operation of integrated fare management solutions for the transit industry. ERG has installed systems in major cities throughout the world including Hong Kong, Melbourne, Rome, San Francisco and Singapore with installations in progress in Gothenburg, Seattle, Stockholm, Sydney and Washington D.C. ERG has delivered systems that support more than 20 million smart cards in circulation and handle approximately 5 billion transactions per annum. ERG is an Australian-based company, listed on the Australian Stock Exchange, operating globally to deliver systems ranging from large multi-operator, multi-modal solutions to small, single operator solutions.

DEVICE OVERVIEW

The TP5000 series combined paper ticket, smart card reading, automatic fare collection driver console has been proven in the field around the world. The TP5000 unit can operate as a stand alone device or be coupled to other devices in the bus, including, but not limited to, ERG's own smart card and/or magnetic ticket validators, bus computers and vehicle logging devices. The integrated functionality of the TP5000 is housed in an easy to install package. The graphics-rich, user friendly combination of LCD based icons and function keys, for both operator and patrons, has been developed with industry support and is widely accepted and used around the world.

TP5000 FEATURES

The TP5000 uses ERG proven Multi-protocol Card Reader (MCR) series smart card readers for fast, high quality reading capability. In addition, the TP5000 supports many bus communication requirements. These include: RS422, RS232, ARCNet and Ethernet, as well as WLAN and IrDA. For applications that require even more advanced communication options, ERG provides the TP5600 model!

As with most ERG devices, multiple Security Access Module (SAM) support is standard.



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TRANSIT SYSTEMS

Technical Specifications for the TP5000



COMBINED OPERATOR CONSOLE & FARE PAYMENT DEVICE

OS	MOS
Processor	Freescale
Memory	RAM, Static/Battery Backed up RAM, Ferro-Magnetic RAM, Flash Support
Driver Interface	Large Clear Backlit LCD Panel Silicon Keymat with configurable backlit keys: <ul style="list-style-type: none"> • 10 Soft Keys around display • 10 Function Keys along the bottom • 4 Enlarged Navigation Key, I Power On/Off Key Tricolour and monocolour LEDs Piezo Buzzer
Patron Interface	Left or Right hand orientation Speaker, Backlit LCD Pane, Bright LEDs - Red, Yellow, Green Contactless Smart Card Reader
Printer	Fast Thermal Line printer Integrated paper cutter Clamshell design for easy/fast paper loading
Options	Ethernet 802.11b/g WLAN IrDA ARCNet for connection to ERG's range of card processors RS232, RS422, RS485, Galvanically Isolated RS485 Ignition, Odometer, Ticket Punch, Other General Purpose IO Printer Flap Left or Right hand drive configurations available. Custom artwork, logos and plastics colours also available.
Security Access Modules	Supports multiple modules on-board
Compliance	ERG supplies products to meet many local and globally recognised standards such as CE, RoHS, FCC, various smart card standards and many others. For more details on how ERG meets your local requirements please contact ERG direct.
Range	Can be part of an entire bus solution from ERG with contactless smartcard and/or magnetic validators, bus computers, passenger information and announcements.

Stringent reliability testing on all equipment is undertaken. To ensure highest quality, specifications may change.

Contact ERG for more information about this and other products in the range.



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