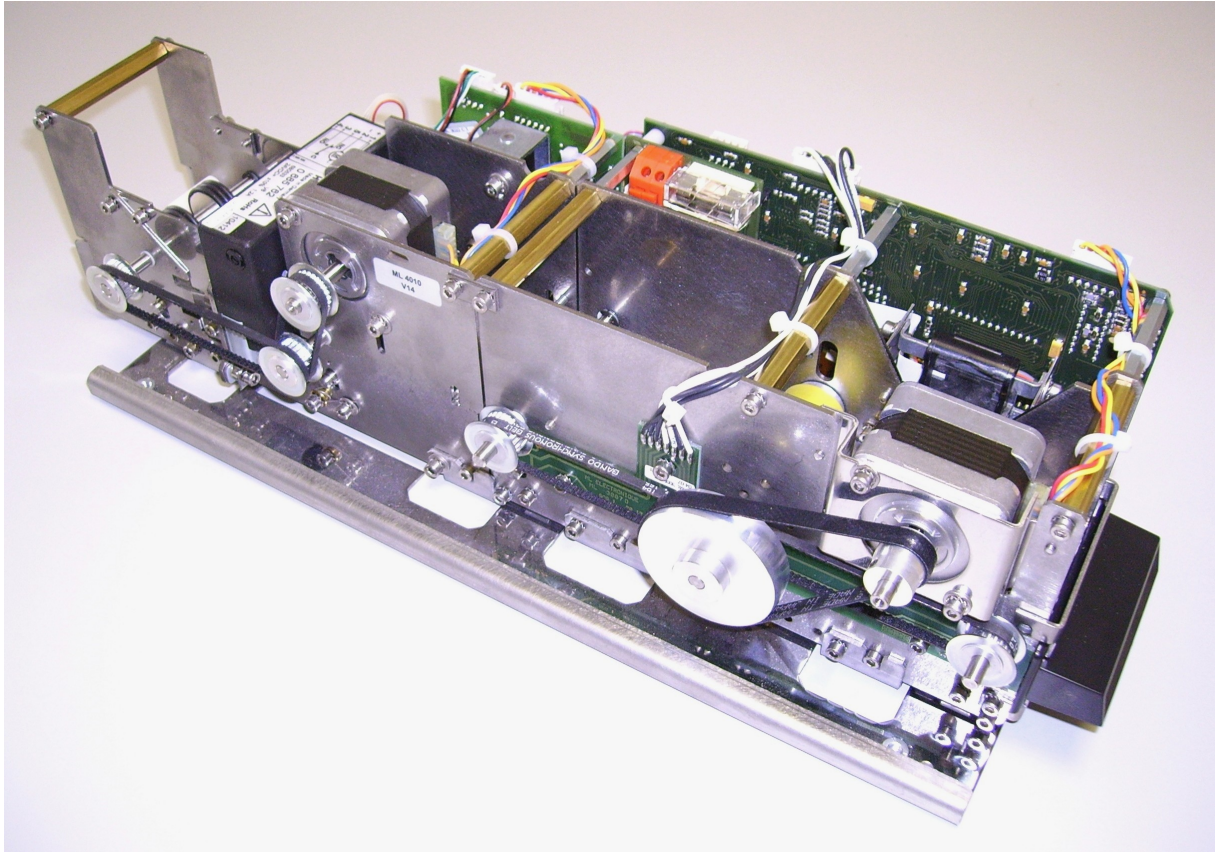


TIM



If your
Ticket Is Magnetic
then use the
Ticket Issuing Machine

FEATURES

- Ticket dispenser unit - on demand - using paper or light plastic fan fold stock
- High speed: feed, cut, encode and print a ticket in less than 2 seconds
- Handles ticket and card from 0,15 to 0,8 mm thickness
- Stores a ticket in a dedicated space to allow reading of a front fed card (ex: ticket & payment card)
- Captures any invalid document on request
- Conforms to ISO 7810/7811 specifications, but also handles by software other types of F2F encoding/decoding, as well as different densities

- Totally modular TIM range of product includes different models to fit various applications
- RS-232 interfaced in standard
- Manufactured in stainless steel for the robustness required in hard environments

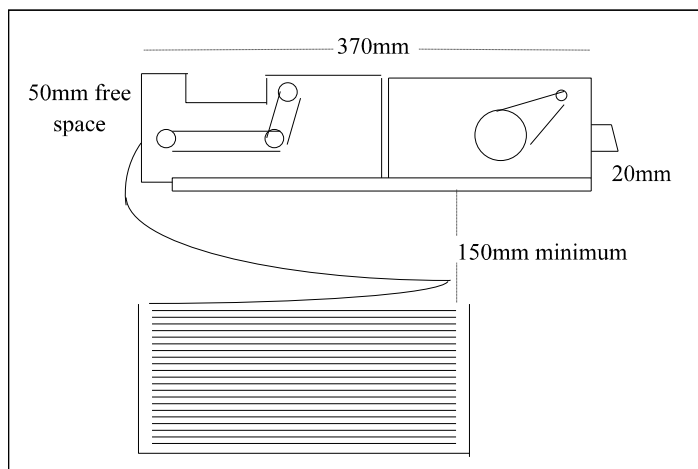
APPLICATIONS

- Parking equipments
- Highway toll gates
- Access control
- Ticket vending machines
- Specific applications on demand

TIM

*m/*Electronique SA

1049, Chemin de Ploye - F07130 SAINT-PERAY - FRANCE
www.mlelectronique.fr



SPECIFICATIONS

	Size (L x W x H) mm	Weight Kg
• TIM	370 x 150 x 106	3,7
• Cancellor	225 x 145 x 106	1,85

Operating temperature range (no condensation):

- With printer 5°C to + 40 °C
- Without printer 0°C to + 45°C

Storage temperature -10°C to + 60°C

Power supply

- Protection against reverse polarity and overvoltage
- 24V +/- 10% , ripple level 0,2Vpp - fuse 1A fast blow
- Current: peak 2A starting, <100mA idle, 1,5A working

Printing

- 1 line 36/48/60 characters
- 1,5mm, 2mm, or 3mm characters height
- Characters size and density are mixable
- Black cartridges available

Electronic and firmware

- 128 bytes non volatile memory
- User counter in non volatile RAM
- Automatic paper stock loading
- Provision for connection of 1 push button as an input and 1 relay as an output
- Ticket counters for maintenance
- Watch dog function

Interface

- RS232 full duplex 9600bauds, 8 bits, no parity

Mechanism

- Variable thickness: 0,15 to 0,8 mm on canceller and 0,15 to 0,30 mm on ticket dispenser unit
- Stores a ticket when reading a card
- Tickets capture function

Magnetic

- ISO 7810/7811 compatibility or variable density
- Standard coercitivity (300oe) up to High coercitivity (4000 oe)
- Error rate < 0,2% at 25°C
- Downloadable custom code
- Magnetic head time life > 2.000.000 passes

Speed

- Paper speed 350mm/s
- 2 tracks encoding and printing in 1 pass
- About 2 sec to deliver a verified ticket

CONFIGURATIONS

- ♦ Standard configuration is
 - Ticket dispenser unit or canceller
 - ISO tracks 1-2 or 1-2-3
 - Ink jet printer (black ink cartridge)

