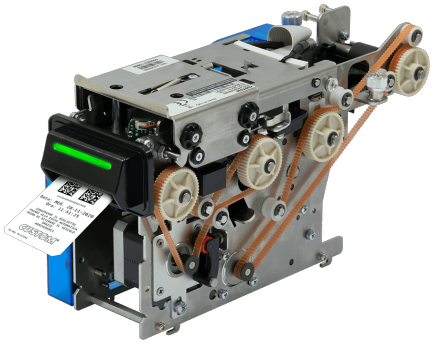
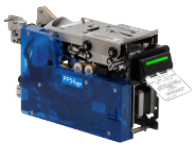
CUSTOM

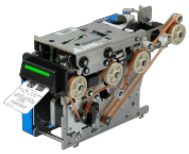


PP54 EVO

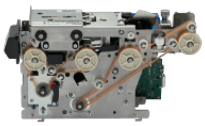
The most innovative parking, transport and access control system engine

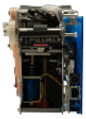
The most innovative parking, transport and access control system engine. Ideal for any Parking Systems with Bar Code tickets.











CUSTOM

CHARACTERISTICS

- ISO7811 ticket HD full graphic printing/scanning capability (300Dpi)
- 1D/2D Barcode reading to accept and validate the ticket
- Modular system (ticket separator and printing/reading unit)
- Improved ISO ticket fan-fold burst capabilities
- Up to 3 coupons management
- Ticket ejecting/retracting/collecting
- Heavy outdoor conditions
- Full ticket scanning capability in 2 directions
- RGB led on paper mouth
- RFID
- Plastic card management

Combines in a unique device:

ENTRANCE:
- Printing, reading and issuing tickets and cards in less than 1 second

PAYMENT:
- Receipt printing
- Manage up to 3 tickets

EXIT:
- Reading & Validating ticket
- Capturing & Ejecting tickets

KEY HIGHTLIGHTS

- 300 dpi resolution printing and scanning
- CIS technology to read tickets: Single for 2 ways
- Bottom and rear dispensing
- CUSTOM made RFID HF
- Multiple interfaces Ethernet -RS232 - USB (option)
- External display (option)

Easy maintenance: the weared components can be replaced directly on-site! All the sensors can be simply dismantled with a screwdriver and the printing roll can be changed when the printer is already mounted.

HIGHLIGHTS

HEAVY DUTY motors for outdoor use; Operating T°: -20°C > +60°C
EASY MAINTENANCE (thermal head, control board, paper loading module, bezel, ..)
Standard ISO Ticket Management: In/Out reading & printing module system with detection of wrong ticket insertion

- Printing speed: less than 1 second
- 1D & 2D Barcode Print & Read capability, Aztec, DataMatrix, PDF417, QRCODE
- Paper weight range: 140 > 210 gr/m2
- RS232 + Ethernet; USB as option (small board addon)
- ALL International Fonts
- Zero Power Management (solar & battery app)
- Power supply: 24Vdc

RGB LED paper mouth

- Improved internal mechanical management of media
- "Custom Power Tool" advanced ticket editor
- Printer Set, the tool for configuring the printer from PC (windows) or via mobile (Android)
- SDK package with demo software and complete library documentation

FOCUS ON

The system is composed of 2 modules:

A) Ticket module (printing and handling)

- To print
- To scan a ticket (thermal side).

Not-thermal side version, as option.

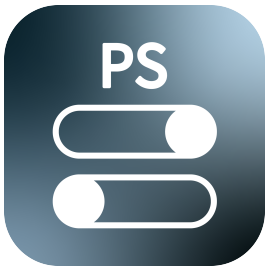
- 2 ticket-capture ways (bottom & rear)

B) Paper loading module

- To separate & load a ticket
- Available:

1 feeder with buster. Only Fan Fold
1 feeder with cutter. Fan Fold & Roll
2 feeder with buster. Only Fan Fold

SOFTWARE



SOFTWARE **PrinterSet** : to update logos, edit characters, set operating parameters and update the printer firmware. It allows you to create a file including the different SW customizations and send them to the printer via the interface provided, for easy and fast setting.
Discover PrinterSet



Thanks to **Custom Power Tool** you can create - or change - on your own the layout of your tickets or receipts in a few simple

steps. You can also do it without having computer skills, thanks to the practical interface which has been designed by Custom.
Discover Custom Power Tool

CustomPP54SM available among the utilities:
SDK dedicated to PP54 EVO that enables to develop applications in Microsoft .NET for the advanced management of the printer. The SDK provides several functions that allow to easily integrate the management of all the operations that you can do with PP54 EVO in the software.

The functions in the library enables an high level control of:
- Communication setting with the printer on Ethernet, Serial and USB interface
- Ticket printing and handling
- Barcode reading
- Check Status
- GPIO control
- LCD control
- RFID mode
- Date and hour reading and setting

Moreover, the library automatically deals with the management of the events given back by the printer (alarm, user intervention).

The installation package includes:
- CustomPP54SM.dll library
- Example software with source code
- Information about the functions in the library

PP54LayoutEditor is also available, and it enables to create printing layouts compatible with PP54 EVO.

ACCESSORIES

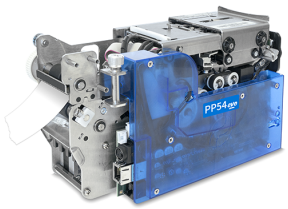
- It issues RFID tickets, long-term tickets, pre-paid cards:
  - ISO 14443-A/B, ISO 14443 Part 4 Support (TCL Firmware)
  - MIFARE classic read/write
  - ISO 15693
  - NFC compatibility
- Improved internal mechanical management of media

CUSTOM

TECHNICAL SHEET

Printing Method	Thermal, fixed head
Number of dots	12 dot/mm
Resolution	304 dpi
Printing (mm/sec)	150 mm/sec
Character set	True type font, extended chinese GB18030-2000
Supported Barcode	EAN13, CODE39, CODE128, ITF, PDF417, DATAMATRIX, AZTEC, QRCODE
Printing Format	Bold, reverse, underlined, italic
Printing Direction	Normal, 90°, 180°, 270°
Paper weight	from 140 g/m2 to 210 g/m2
Paper thickness	from 140 to 230 µm
Printing width	51,5 mm
Sensors	Head temperature, paper in, paper out, cover open, 4 internal sensor for ticket management, external near paper end (optional)
Emulation	CUSTOM/POS
Interfaces	RS232, ETHERNET, optional USB
Data Buffer	16 Kbytes
Flash Memory	2 Mbytes internal + 8 Mbytes external (of which 4Mbytes available for user)
RAM Memory	512 Kbytes internal + 8Mbytes external
Drivers	Windows® (32/64 bit) – only on request WHQL and silent installation
Utilities	PP54 Layout Editor SDK, PrinterSet
Power supply	24 Vdc ±10% (optional external power supply)
Medium consumption	1.2A (12,5% dots on)
Head Life	100 Km / 100M pulse
MCBF	1.000.000 tickets
Operating temperature	from -10°C to +60°C
Dimensions	270(L) x 146(H) x 108(W) mm
Weight	3,0 Kg

MODELS



915LA020100600
PP54 EVO 1-FEEDER RS232 ETH 1-CIS

CUSTOM

Via Berettine, 2 - 43010 Fontevivo PR - VAT: IT02498250345 - TEL: +39 0521 680111 - FAX: +39 0521 610701 - UNIQUE CODE: 8RQN7AZ

The technical data on this website are not binding and may be changed without advanced notice.
Last update: 06 August 2025