

### Statistic reading

The MiZiP systems are capable of supplying detailed statistic data, which can be read through the following tools:

- BlueRed Kit, together with BlueRed Manager App, facilitates the collection of statistical data in EVA-DTS format from ZiP and MiZiP payment systems
- Maxi Key, which permits the collection of the complete data or of only the most significant sales data (capacity: approximately 100 vending machines)
- Data Key, to collect the main data of the system (capacity: approximately 30 vending machines)
- IrDA Kit, which permits the collection of data in the EVA-DTS format using also a palmtop device (industrial or consumer), as long as they are compatible with the standard.



The data can then be imported to a PC through the PC Interface and analyzed through the MiZiP Suite software. It is also possible to export the collected data in Excel format.



### Charging

Keys and/or cards can be charged as follows:

- directly in the vending machine with coins and/or banknotes;
- with MiZiP Loader or MiZiP Loader Plus, wall charger units for charging through coins (validator) and banknotes (acceptor). The Plus version has a built-in receipt printer.
- with MiZiP Portable Revaluation Unit, a desk key/card unit for charging without interfaces.



### Updating the software

The MiZiP device is fitted with re-writable Flash memory, where the system software is stored, which can be updated simply with by using the Maxi Key.

**Mifare+ZiP=MiZiP**  
the new formula of Newis cashless system



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MiZiP was developed to respond to the needs of an increasingly wide customer base.

The range is comprised of two models (MiZiP and MiZiP plus) and is based on the Mifare contactless technology, which ensures reliability and a high level of security.

The MiZiP model is offered to those who wish to have a system that is simple to use but highly reliable.

The MiZiP plus model is for those who wish to use advanced software functions, such as bonuses, loyalty programs, happy hours, traceability of all transactions, and is looking for a full optional system that includes all these functions without having to purchase additional interfaces.

# MiZiP

The MiZiP model is available in the key and key+card versions. Both can be purchased with Executive or MDB interface.



The reader consists of a single bloc, which incorporates both the circuits for the reading functions and the microprocessor control electronics. Moreover, the key version includes the interface for direct connection to a 24 V coin validator.

The connection with the different payment devices (validator, bill reader, change-giver coin mechanism) is through special additional modules.



## Installation

The MiZiP reader is a compact model, where the control electronics is integrated in the reading head. This considerably facilitates the installation in the vending machine, reducing installation time.

# MiZiP plus

The MiZiP plus model, also available in the key and key+card versions, is a full optional system which offers advanced functions.



Thanks to the integration of all functions within the CPU, it is not necessary to purchase any additional interface and the payment devices can be connected, through special cables, directly to the CPU board.



The MiZiP plus model includes within the functions of the Maxi Box module, currently present in the ZiP range, for recording the individual transactions.

The collected transactions regard for example:

- signalling of system malfunctions;
- credit present in each individual key;
- details of each individual transaction (date, time, place, etc.).

The data regarding the individual transactions can be collected through the Maxi Key and consulted thanks to free software included in the application suite of the new MiZiP range.

The MiZiP plus model also permits the use of advanced software functions (bonus, loyalty programs, happy hours and promotions).

## Installation

The MiZiP plus reader is fitted with a reading head and a control CPU.

The CPU has two securing slots of a similar size to the ones of a change-giver coin mechanism, so as to be installed easily and quickly in the event there is no coin mechanism in the vending machine.

## Common functions of the MiZiP and MiZiP plus models

The user can have 100 price lines for very high configuration flexibility, even with vending machines operating in Executive price holding. The purchase price of the different products can be differentiated according to the payment method: the products paid with coins can have different prices from the ones paid with the key/card. In addition, through the use of different discount levels it is possible to further diversify the sales prices for users who have a key/card.

## Compatibility with the ZiP range

The readers of the new MiZiP range all have dual reading technology: the one on which the systems of the ZiP and Conpas range are based (125 KHz) and the one of the Mifare systems. The keys of the current ZiP and Conpas range can therefore be used also in the new systems of the MiZiP range.

## Advantages of the Mifare technology

The Mifare technology is based on a communication radio-frequency of 13.56MHz. It is a standard that combines high versatility with a high level of security and reliability. Thanks to this technology it is also possible to share the same Mifare card among different applications (access control, restaurant area, parking area, vending, photocopiers, etc.).

## Programming

The readers can be programmed through:

- BlueRed Manager
- BlueRed Kit together with BlueRed Manager App



- MiZiP Data key which permits the cloning of the main configuration data of the system

