



CATALOGUE
2025

YOUR **SAFE GUIDE**
TO VENDING



WE HAVE THE EXPERTISE TO GUIDE YOUR CHOICES AND ORIENT YOU TOWARDS NEW GOALS, OFFERING YOU SMART AND PRACTICAL SOLUTIONS, INSPIRED BY YOUR DAILY CHALLENGES.

We never tire of listening to our customers: knowing their habits, desires and uncertainties allows us to develop increasingly efficient solutions that stay close to the needs of today's and tomorrow's Vending.

For over 40 years, every day we have been experimenting and working hard to support operators with a complete and ever-evolving range of solutions, with particular attention to the digital area and mobile-payment.

Every moment, from development to customer service, is featured by a Lean approach. All high value-added activities such as design, production, testing and pre- and post-sales assistance are managed internally, while almost 80% of the value of the components is purchased from Italian suppliers.

The close collaboration between the R&D department and the Customer Service allows a direct exchange of skills and experiences, fueling a continuous cycle of product and service innovation.

High standards of quality, speed, flexibility and competitive prices make our company a virtuous example of Made in Italy, recognized by customers all over the world.

A REFERENCE POINT

We provide tailor-made advice to choose the most suitable solutions and configurations for the business and objectives of each individual customer.

We offer a prompt and personalized support and technical assistance, to establish lasting relationships with our customers and represent a point of reference for them for any eventuality.

NON-STOP INNOVATION

We always welcome new ideas and suggestions on how to improve our offer.

We are continually looking for new opportunities to offer our customers the opportunity to innovate and differentiate themselves in an increasingly competitive industry.

QUALITY AND CONFORMITY CERTIFICATIONS



Declaration of
Conformity to RoHS



CSQ
Certification



IQNET
Certification

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MDB PERIPHERALS

To facilitate its reading and understanding, the Paytec Catalogue is divided into peripheral payment systems, which operate with the «MDB» protocol, and those which act as “masters”.

The variety of existing peripheral units is remarkable and is regularly increasing with the addition of new solutions, including coin validators, banknote readers, change-givers, key/card readers, bank card readers, payment apps, etc.

Overall control is always managed by the master systems, which centralize the information and make it available to the operator.

Paytec offers a wide range of peripherals covering all the most commonly used payment instruments in vending. Connected in MDB, Paytec peripherals are compatible with all masters available on the market and stand out for their simplicity, practicality and convenience.



FOUR MDB-ONLY



A complete, reliable and convenient solution, ideal for locations where a smaller variety of change is required.

The reliable and robust product allows a significant optimization in terms of costs, investments, and circulating capital. The standard display on the changeover makes diagnostic tasks easier. The changeover FOUR MDB-only represents the ideal

compromise between performance and convenience, always guaranteeing versatility and flexibility over time. It represents the best balance between price and performance available on the market.

4-TUBE FOUR MDB-ONLY CHANGEGER

- ▶ **PROTOCOLS:** MDB Slave
- ▶ **AUDIT:** Standard EVA-DTS and extended formats. It can be collected via IrDA port (IrDA module optional), BT6002, PayTools/PayCloud and PC
- ▶ **CONFIGURING TOOLS:** With the App PayTools via BT6002 or USB cable, via P6000, software PC Configurator
- ▶ **DIAGNOSTIC TOOLS:** With PayTools App via BT6002 or USB cable, via P6000 (sensors only), software PC Configurator
- ▶ **UPDATING TOOLS:** Through SIB

CHANGEGER MAIN FUNCTIONALITIES

- ▶ Integrated display for diagnostics and configuration
- ▶ 30 coin channels

EAGLE SMART



Also available:
Eagle2 MDB with
display and IrDA



A flagship device for the management of cash, leaving audit and control functions to other systems installed in the VMC.

The EAGLE Smart change giver is only equipped with protocol MDB, which simplifies its functioning and makes it the ideal solution for those locations where the change giver is not the master unit but a peripheral connected to a master unit or to the VMC.

EAGLE Smart anyway maintains all mechanical features, including a consolidated experience in coin recognition based on inductive technology to assure full operability also in difficult or dirty conditions.

It offers a wide range of coin configurations to guarantee maximum flexibility in change management.

Tube management is controlled by algorithms that continuously optimize change in order to extend sales availability.

Both the coin box and the coin tubes can be easily replaced. A special sensor detects whenever the coin box is removed also with the change giver OFF. An optional lock with key increases the security of the coin box.

EAGLE Smart transmits all diagnostic and functional data to the master, including the status of the tubes, alarms and any other anomalies.

6-TUBE EAGLE SMART CHANGEGIVER

- ▶ **PROTOCOLS:** MDB Slave
- ▶ **AUDIT:** Standard EVA-DTS with hardware events. It can be collected via IrDA (IrDA module optional), BT6002, PayTools/PayCloud and PC
- ▶ **CONFIGURING TOOLS:** With the App PayTools via BT6002 or USB cable, via P6000
- ▶ **DIAGNOSTIC TOOLS:** With the App PayTools via BT6002 or USB cable, via P6000, software PC Configurator
- ▶ **UPDATING TOOLS:** Through SIB

CHANGEGIVER MAIN FUNCTIONALITIES:

- ▷ Removable coin box, sensor detecting when the selector or the coin box is removed, coin box security lock (optional)
- ▷ Management notifications on MDB protocol
- ▷ 30 coin channels

CV2406 / FOX MDB



CV3516 / CV3516 MDB



The coin validators FOX MDB and CV2406 stand out for their reliability and accuracy in coin discrimination. Anti-retrieval and anti-jamming solutions make the systems extremely safe. Coins and tokens can be programmed via DIP switches, without the need for additional tools. The systems are designed to be installed inside all vending machines.

CV2406 is a validator developed to work in parallel/impulsive mode. It can operate with voltages of 12V and 24V in order to be used in different situations, with or without casing. Configuration is done via PC with the PC Configurator software.

The new FOX MDB model has been specifically developed to work in MDB, and is compatible with any master available on the market. Equipped with advanced recognition technology, it also has a self-learning function that allows you to program other coins or tokens. Self-diagnostics ensure the highest levels of performance even at a high processing speed.

The Paytec CV3516 coin acceptor features an innovative measuring system to ensure maximum levels of performance in terms of coin acceptance and rejection of counterfeits.

Advanced features, including high processing speed, ensure high standards of efficiency and security to deliver coin validation technology that meets the most stringent requirements. Anti-retrieval and anti-jamming solutions make the systems extremely safe.

CV3516 also has specific technology to recognize two-tone coins - a necessary feature for Euro coins and others.

Thanks to the autolearning function, other coins or tokens, in addition to the standard ones, can be programmed without the need for any extra equipment. A self-diagnostic function ensures excellent results.

COIN VALIDATOR CV2406

- ▶ **PROTOCOLS:** Parallel/impulsive 12/24 VDC
- ▶ **CONFIGURING TOOLS:** DIP switches or software PC Configurator
- ▶ **DIAGNOSTIC TOOLS:** Software PC Configurator

MAIN FUNCTIONALITIES:

- ▷ 24 coin channels
- ▷ 6 parallel exits

COIN VALIDATOR FOX MDB

- ▶ **PROTOCOLS:** MDB
- ▶ **CONFIGURING TOOLS:** DIP switches
- ▶ **DIAGNOSTIC TOOLS:** On board

MAIN FUNCTIONALITIES:

- ▷ 32 coin channels, 2 channels dedicated to tokens
- ▷ 16 DIP switches for coin inhibition

COIN VALIDATOR CV3516

- ▶ **PROTOCOLS:** Parallel/impulsive 12/24 VDC, MDB
- ▶ **CONFIGURING TOOLS:** DIP switch
- ▶ **DIAGNOSTIC TOOLS:** On board

MAIN FUNCTIONALITIES:

- ▷ 32 coin channels, 2 channels dedicated to tokens
- ▷ 6 parallel exits (vers. par./imp.)
- ▷ 16 DIP switches for coin inhibition

APEX 7000



APEX 7000 has an innovative dual level anti-fish-picking optical system equipped with 8 sensors that protects the system from any attempt of fraud or tampering. Its reliability is witnessed by 10 years of use worldwide and granted by a constant upgrading. The "Escrow" function enables users to get the bill back in the case of a failed vend or when no change is

available. The bill acceptor is distributed with a 200-bill cashbox (a model with 500-bill cashbox is also available). APEX 7000 is equipped with a self-calibrating system and can be easily configured with DIP switches on board. The simple on-board diagnostics with LEDs on the front bezel make diagnostic messages easy to interpret.

APEX 7000 BILL ACCEPTOR

- ▶ **PROTOCOLS:** MDB
- ▶ **CONFIGURING TOOLS:** DIP switches
- ▶ **DIAGNOSTIC TOOLS:** Embedded
- ▶ **UPDATING TOOLS:** PRO-2 Programmer

MAIN FUNCTIONALITIES:

- ▷ Standard 200-bill stacker (500-bill stacker available on demand)
- ▷ Accepts bills up to 72 mm wide
- ▷ Acceptance speed: approx. 20 bills per minute
- ▷ Dual-stage optical anti-stringing technology
- ▷ "Escrow function" to recover bills in the case of failed top-ups or vend
- ▷ Self-calibrating system

CAIMAN LITE MDB

PIT / Mifare®



PIT



Mifare®

All the functions of a modern cashless system in a single compact device.

The Caiman Lite MDB reader connects directly to the MDB vending machine or to any change giver as an MDB peripheral.

Easy to install and program, the Caiman Lite range is ideal for operators who want to introduce a cashless system on change giver or on exclusively cashless vending machines.

In addition to the classic management of credit on keys,

the numerous functions offered by the Caiman system include the management of prices and discounts, the creation of special time slots, free sales and credits, the creation of loyalty systems, the management of a black list for lost keys or keys to be excluded from the system. Caiman Lite MDB is available in a version for reading/writing Paytec PIT keys and in one suitable for reading/writing Mifare® media.

CAIMAN LITE MDB READER FOR PIT KEYS or Mifare® KEYS/CARDS

- ▶ **PROTOCOLS:** MDB Slave
- ▶ **AUDIT:** Standard EVA-DTS and extended formats. It can be collected via IrDA (external module optional), BT6002, Data Key/Card, PayTools/PayCloud and PC
- ▶ **CONFIGURING TOOLS:** With the App PayTools via BT6002 or USB-cable, through P6000, software PC Configurator, Data Key/Card
- ▶ **DIAGNOSTIC TOOLS:** System status via LED messages on the reader
- ▶ **UPDATING TOOLS:** Through SIB

CASHLESS MAIN FUNCTIONALITIES:

- ▶ 100 prices/discounts, 4 special discount levels (10 prices), user groups, time bands, free vends, free credits, fidelity function, black list, key pre-payment, key code conversion
- ▶ Autoprogramming of PIT keys
- ▶ Recycling mode

CAIMAN2 MDB-MDB

PIT / Mifare®



Mifare®



PIT

All the cashless functions, control of peripherals and centralization of data, expanding the payment options of MDB vending machines.

Caiman2 MDB-MDB has been developed to work with the vending machine in MDB mode. The system not only offers all the cashless functions, but also allows you to connect and manage numerous peripherals in MDB, such as changegivers, banknote readers, a 24V coin validator or other cashless systems. It also allows the recovery of Audit data by behaving like a master unit.

Beyond the classic management of credit on the keys, the functionalities available on the Caiman2 system

include price and discount management, definition of specific time bands, free vends and free credits, development of fidelity systems, and management of a black list for lost keys or to avoid improper usage of the system.

The installation of a Caiman2 cashless system improves the potential of the vending machine, by enhancing its marketing and promotional capabilities, which are critical to increase sales and client's loyalty.

CAIMAN2 MDB + KEY READER (PIT o Mifare®)

- ▶ **PROTOCOLS:** MDB Slave to the VMC; MDB Master to the peripherals
- ▶ **AUDIT:** Standard EVA-DTS and extended formats. It can be collected via IrDA (embedded on reader), BT6002, Data Key/Card, PayTools/PayCloud and PC
- ▶ **CONFIGURING TOOLS:** With the App PayTools via BT6002 or USB-cable, through P6000, software PC Configurator, Data Key/Card
- ▶ **DIAGNOSTIC TOOLS:** System status via LED messages on the reader or via optional display
- ▶ **UPDATING TOOLS:** Through SIB

CASHLESS MAIN FUNCTIONALITIES:

- ▶ Management of other MDB peripherals, including double cashless MDB
- ▶ "Selection first" mode available for credit card
- ▶ Direct recharge of keys from credit card reader, recharge between cashless MDB
- ▶ Autoprogramming of PIT keys
- ▶ 100 prices/discounts, list 10/100 prices for cashless MDB1, 4 special discount levels (10 prices), user groups, time bands, free vends, free credits, bonus at recharging, calendar bonus, bonus menu, fidelity function, black list, key pre-payment, key code conversion
- ▶ Recycling mode

OPTO

+ INFO optopayment.com
or scan the QRCode here



OPTO is a contactless, secure and universal digital payment solution.

The connection with the vending machine is established automatically without NFC or QR codes, but using a patented technology based on the light of the phones' screen, ensuring conformity with the highest security standards.

The solution is made up of three elements:

- The first is the OPTO Reader, a small device equipped with MDB protocol, which integrates an optical sensor and a Bluetooth module enabling connection with the user's smartphone. The OPTO reader does not require any modem or SIM card, which reduces costs and simplifies installation and operation. The OPTO-PIT reader also integrates a traditional "key" system, whose functioning is fully separated from the digital solution.
- The OPTO App - available for free for Android, iOS and Huawei OS smartphones – enables payment with any vending machine equipped with an OPTO reader, independently from the Vending operator or national

borders. Top-ups can be done with credit cards, cash and other advanced payment tools. On suitably enabled vending machines, OPTO can also replicate the selection keypad of the machine on the user's phone screen. With just one click, the consumer can select the product and pay directly from their phone. The Vending experience thus becomes even more immediate, simple and effective.

- The OPTO Portal (server or backend), containing all data and critical info, is housed in secure and certified data centers. The server controls cash flows with a certified external bank, an E-money issuer authorized to operate throughout the European Union. The Vending operator can connect to the OPTO Portal to have a complete view and control over the situation of his vending machines and order transfer of funds from his E-Money Account to his ordinary bank account.

LETTORE OPTO-PIT

- ▶ **PROTOCOLS:** MDB Slave
- ▶ **AUDIT:** Sales and cash data available on OPTO Portal
- ▶ **CONFIGURING TOOLS:** With the App PayTools via BT6002 or USB cable, via P6000
- ▶ **DIAGNOSTIC TOOLS:** System status via LED messages on the reader
- ▶ **UPDATING TOOLS:** Via SIB or with the App PayTools

CASHLESS MAIN FUNCTIONALITIES:

- ▶ 100 prices/discounts, 4 special discount levels, user groups, free vends, free credits, key code conversion
- ▶ Autoprogramming of PIT key

The combination of the OPTO reader with the CAIMAN2 unit offers a wide range of advantages in terms of versatility and efficiency of payment options. While the OPTO reader makes it possible to make payments with a single device (a smartphone or a traditional "key"), the CAIMAN2 unit acts as a "master" unit that can be connected in MDB to simple "cash" peripherals like change-givers or bill validators.

With CAIMAN OPTO you can benefit from all the advantages and potentials of the new platform OPTO, while also all the functions of the CAIMAN2 EXE-series are preserved. A flexible choice to better face future payment trends.

VENDOTEK



The VENDOTEK Card Reader is a payment terminal developed specifically for Vending, which is immediately operational. Its robust and compact design allows its use in difficult environments, even outdoor.

The terminal is supplied with an integrated SIM card and with a standard banking contract, which allow to start using it right away. In case of poor connectivity, Vendotek can also be connected to the Ethernet network.

Easy to install (one cable and four screws), the reader supports levels MDB1 ("credit first") and MDB3 ("first selection"), operates indiscriminately as cashless #1 or #2 and allows the retrieval of audit data via cable and in telematic form. In combination with a CAIMAN2 central

unit, Vendotek can also be used to load credit directly onto a traditional key, which significantly reduces the impact of bank charges. Its integrated display enables an immediate user interaction, as well as customized contents through images that can be programmed and uploaded remotely.

The Operator Portal allows monitoring all transactions that take place through the terminal and can be integrated in the company's ERP systems.

VENDOTEK CONTACTLESS PAYMENT TERMINAL T2134 (EMVCO and Mifare®)

► **PROTOCOLS:** MDB

► **AUDIT:** Standard EVA-DTS format, readable through DEX/DDCMP ports or remotely (via 4G)

► **CONFIGURING TOOLS / DIAGNOSTIC TOOLS / UPDATING TOOLS:** Remotely via Operator Portal

CASHLESS MAIN FUNCTIONALITIES:

- Accepts all major VISA and MasterCard cards and digital wallets
- Accepts and completes payments in EUR, GBP, CHF, DKR, SKR, PLN, CZK and HUF
- Weekly/monthly settlement to operator bank account
- Possibility to display custom images (logo's) from remote upload
- Includes 4G modem and SIM card
- LAN connection available

SIGMA



The SIGMA Card Reader is an advanced terminal for electronic payments with contactless cards, cards with magnetic stripe, chip and digital wallets.

Developed on the Android 11 platform, SIGMA offers an intuitive experience and is ready for future integrations and applications. The 5-inch touch display with IP65 and IK08 certification provides weather and wear resistance, making it ideal for demanding environments. With PIN-on-screen technology, it enables fast and secure transactions, for purchases of any value.

SIGMA is equipped with Wi-Fi, 4G and LAN connections, as well as a multi-operator SIM card, ensuring stable connectivity in every situation. It supports MDB1 ("credit first") and MDB3 ("selection first") levels and can

operate as cashless #1 or #2, adapting to any cashless system. In combination with a central unit Caiman2, it also allows to load a credit onto traditional vending keys, significantly reducing the impact of bank fees.

The card reader is ready to use in a few days, thanks to a quick online registration process. It comes with a dedicated mounting frame and a 4G antenna for maximum flexibility. A dedicated portal enables comprehensive transaction management, customized reporting and one-click refunds. Funds are immediately available through a linked corporate debit card.

SIGMA ELECTRONIC PAYMENT TERMINAL

- ▶ **PROTOCOLS:** MDB
- ▶ **UPDATING TOOLS:** Remotely
- ▶ **CONFIGURING TOOLS:** From touch screen

MAIN CASHLESS FEATURES:

- ▷ Accepts all major VISA, MasterCard and American Express cards and digital wallets
- ▷ Supports NFC, Chip&Pin and magnetic stripe
- ▷ Accepts and completes payments in EUR, GBP, CHF, DKR, SKR, PLN, CZK and HUF
- ▷ 4G/3G/2G mobile network, WI-Fi, LAN
- ▷ Instant settlement to the operator's bank account
- ▷ Pin-on-screen

KEYS

PIT2 KEYS



Paytec's proprietary PIT contactless technology ensures maximum technical control of the solution and guarantees reliability and versatility. The PIT2 model further increases security standards thanks to new algorithms that make the key practically inviolable to cloning or tampering attempts.

With more than 15 million units sold, PIT (Programmable Identification Transponder) keys have become an indispensable element for many Vending operators. The sales functionalities available through the keys represent an important marketing tool, not only by allowing easier payments, thus increasing sales, but also by improving clients' loyalty through easily programmable solutions (differentiated prices, free vends, free credits, time bands, etc.)

Paytec keys stand out for the variety of available colors and for the high level of customization. While the stem

is always grey, the cap is available in red, green, yellow, blue, black, transparent and orange.

A serial number is laser-printed on each key stem so that each key can be uniquely distinguished. Upon request, it is possible to customize the label with a different logo (operator or final client), providing additional loyalty elements.

The keys can be configured with Caiman PIT programmer, or directly by the payment system with the auto-programming procedure when inserting the key for the first time.

RFID KEYS WITH PIT TECHNOLOGY

- ▶ **KEY TYPES:** Type 1, Type 98, Auto-programmable key
- ▶ **FREQUENCY:** 125 KHz
- ▶ **SECURITY:** 7-byte password; 2 PINS;
Security algorithm for protection against repeated access attempts; Exchange of signatures between key and reader
- ▶ **LABEL:** Standard Paytec or Custom
- ▶ **AVAILABLE COLOURS:**



Mifare® KEYS/CARDS



All the advantages of the multi-application of the Mifare® platform, integrated and adapted by Paytec according to the specific needs of Vending.

The great advantage of the Mifare® technological platform lies in the fact that the same support can be used as a payment instrument for Vending, for applications such as access control and attendance detection, or as an electronic purse for canteens and cafeterias managed by other operators. By using the dedicated License programmer, it is possible to buy and write the application developed by Paytec on the Mifare® media already in the client's hand (cards, tags, key holders, ...).

This flexibility allows Vending operators to integrate themselves seamlessly and rapidly in existing locations. The stem of the Mifare® key is always grey, while the cap is available in a wide variety of colours: red, green, yellow, blue, black, transparent, orange.

Paytec's Mifare® keys are marked with the suffix "M" and a serial number lasered on the stem to be uniquely distinguished. The programming can be done with the Caiman Mifare® programmer.

RFID KEYS AND CARDS WITH CLASSIC Mifare® TECHNOLOGY

- ▶ **KEY TYPES:** Type 1, Type 98
- ▶ **FREQUENCY:** 13.56 KHz
- ▶ **SECURITY:** PIN-protected and 16-bit CRC; 7-byte password
- ▶ **OTHER:** Multi-application (MAD standard) with 3 client sectors on the keys
- ▶ **AVAILABLE COLOURS:**





MASTER

Master systems are the real “brains” of every vending machine: they control the sales and the functioning of the peripherals, including the vending machine itself. Accounting data are extracted from the master, prices and configurations are programmed on the master, and it is always the master that interacts with other systems, such as telemetry systems. The choice of the type of master and the specific model is therefore a crucial decision, because it largely determines the way the operator works and the available operational possibilities.

Paytec masters stand out for their ability to control a wide variety of peripherals, always offering complete and reliable visibility of sales data and diagnostics. Programming is quick and easy thanks to the numerous tools and accessories available. Paytec masters are compatible with peripherals from other manufacturers and with the main management software applications or telemetry systems.



CAIMAN LITE EXE

PIT / Mifare®



PIT



Mifare®

Easy to install and program, the Caiman Lite range is an ideal solution for operators who want to introduce a cashless system on change giver or on exclusively cashless vending machines.

The Caiman Lite range is known in the market for its compactness and simplicity, both in installation and use. In the EXE version, the system operates in Price Holding mode with 100 prices but can also delegate price management to the vending machine. It is possible to connect a coin validator in impulsive mode. Beyond the classic management of credit on the keys, various functionalities available on the Caiman system

include price and discount management, definition of specific time bands, free vends and free credits, development of fidelity systems, and management of a black list for lost keys or to avoid improper usage. Caiman Lite is available in a version for reading/writing Paytec PIT keys and in a version suitable for reading/writing Mifare® media.

CAIMAN LITE EXE READER FOR PIT KEYS or Mifare® KEYS/CARDS

- ▶ **PROTOCOLS:** Executive
- ▶ **AUDIT:** Standard EVA-DTS and extended formats. It can be collected via IrDA (external module optional), BT6002, Data Key/Card, PayTools/PayCloud and PC
- ▶ **CONFIGURING TOOLS:** With the App PayTools via BT6002 or USB-cable, through P6000, software PC Configurator, Data Key/Card
- ▶ **DIAGNOSTIC TOOLS:** System status via LED messages on the reader
- ▶ **UPDATING TOOLS:** Through SIB

CASHLESS MAIN FUNCTIONALITIES:

- ▶ 100 prices/discounts, 4 special discount levels (10 prices), user groups, time bands, free vends, free credits, fidelity function, black list, key pre-payment, key code conversion
- ▶ Autoprogramming of PIT keys
- ▶ Recycling mode

CAIMAN2 EXE

PIT / Mifare®



Mifare®



PIT

A versatile architecture and numerous intelligent management functions to increase the potential of the vending machine and improve customer loyalty.

Caiman2 EXE has been developed to work with the vending machine in Executive mode. The system can work in Price Holding mode with up to 100 prices, or can delegate price management to the vending machine. The system includes a reading unit that manages traditional PIT keys or Mifare® keys/cards and can simultaneously manage two other cashless MDBs (credit card reader, payment app) as well as other cash peripherals such as a banknote reader in impulsive mode, an MDB change giver or a 24V coin validator. In addition to the classic management of the credit on

the keys, the system allows extreme flexibility in setting prices and discounts. Duly configured, Caiman2 EXE can recharge keys directly from a credit card reader, thus reducing bank charges and eliminating completely the use of cash.

The configuration and collection of Audit data can be done using a wide variety of tools and technologies, including the App PayTools. Audit also includes all the information of the MDB change giver, including the quantity of coins in the individual tubes.

CAIMAN2 CPU EXE + KEY READER (PIT o Mifare®)

- ▶ **PROTOCOLS:** EXE to the VMC; MDB Master to the peripherals (level 1 and level 3)
- ▶ **AUDIT:** Standard EVA-DTS and extended formats. It can be collected via IrDA (embedded on reader), BT6002, Data Key/Card
- ▶ **CONFIGURING TOOLS:** With the App PayTools via BT6002 or USB-cable, through P6000, software PC Configurator, Data Key/Card
- ▶ **DIAGNOSTIC TOOLS:** System status via LED messages on the reader or via optional display
- ▶ **UPDATING TOOLS:** Through SIB

CASHLESS MAIN FUNCTIONALITIES:

- ▶ Price Holding mode, management of other MDB peripherals, double cashless MDB
- ▶ 100 prices/discounts, list 10/100 prices for cashless MDB 1 and 2
- ▶ "Selection first" mode available for credit card
- ▶ Direct recharge of keys from credit card reader, recharge between cashless MDB
- ▶ Sales notifications cash/cashless
- ▶ Management of notifications from MDB change giver
- ▶ Autoprogramming of PIT keys
- ▶ Recycling mode
- ▶ 4 special discount levels (10 prices), user groups, time bands, free vends, free credits, bonus at recharging, calendar bonus, bonus menu, fidelity function, black list, key pre-payment, key code conversion

FOUR



Mifare®



PIT

In the PLUS version, the changegiver FOUR manages a cashless Caiman reader, allowing for fast and secure reading/writing of Paytec keys (PIT or Mifare®). An integrated solution that allows the operator to offer various payment methods in a complete and effective way.



The ideal compromise between performance and convenience, always guaranteeing versatility and flexibility over time.

The changegiver FOUR represents a complete and convenient solution, ideal for locations where a smaller variety of change is required. The reliable and robust product allows a significant optimization in terms of costs, investments, and circulating capital. It is also possible to directly connect a bill acceptor or other

MDB peripherals, like cashless systems, a credit card reader or payment Apps. By adding a Caiman key reader (PIT or Mifare®), the changegiver FOUR becomes a full-fledge cashless system. The standard display on the changegiver makes diagnostic tasks easier.

4-TUBE FOUR CHANGEGIVER

- ▶ **PROTOCOLS:** Executive, MDB Master, MDB Slave
- ▶ **AUDIT:** Standard EVA-DTS and extended formats. It can be collected via IrDA port (IrDA module optional), BT6002, PayTools/PayCloud and PC
- ▶ **CONFIGURING TOOLS:** With the App PayTools via BT6002 or USB cable, via P6000, software PC Configurator
- ▶ **DIAGNOSTIC TOOLS:** With PayTools App via BT6002 or USB cable, via P6000 (sensors only), software PC Configurator
- ▶ **UPDATING TOOLS:** Through SIB

CHANGEGIVER MAIN FUNCTIONALITIES

- ▶ Ready to control a Paytec cashless unit and double cashless MDB
- ▶ 100 prices/discounts, list 10/100 prices for cashless MDB 1
- ▶ "Selection first" mode available for credit card
- ▶ Sales notifications cash/cashless
- ▶ Integrated display for diagnostics and configuration
- ▶ 30 coin channels

EAGLE2



Mifare®



PIT



In the PLUS version, the change giver EAGLE2 manages a cashless Caiman reader, allowing for fast and secure reading/writing of Paytec keys (PIT or Mifare®). An integrated solution that allows the operator to offer various payment methods in a complete and effective way.



A full-fledge technology platform to integrate a wide variety of payment systems.

The change giver EAGLE2 relies on Paytec's consolidated experience in coin recognition. The product is based on inductive technology to assure full operability also in difficult or dirty conditions.

It offers a wide range of coin configurations to guarantee maximum flexibility in change management. Tube management is controlled by algorithms that continuously optimize change in order to extend sales availability. Both the coin box and the coin tubes can be easily replaced. EAGLE2 is designed to manage

an integrated cashless system, by simply connecting a Caiman reader. Other MDB devices can also be connected (e.g. credit card reader, payment app) to increase the offer of payment types.

The standard display on the change giver makes setting and diagnostic tasks easier. An optional lock with key increases the security of the coin box. The system is also equipped with sensors detecting when the coin box is being removed (even with the change giver OFF).

6-TUBE EAGLE2 CHANGEGIVER

- ▶ **PROTOCOLS:** Executive, MDB Master, MDB Slave
- ▶ **AUDIT:** Standard EVA-DTS and extended formats. It can be collected via PayTools/PayCloud, via BT6002, via the embedded IrDA port with PDA or directly with PC via serial port
- ▶ **CONFIGURING TOOLS:** With the App PayTools via BT6002 or USB-cable, through P6000, software PC Configurator, Data Key/Card
- ▶ **DIAGNOSTIC TOOLS:** With PayTools App via BT6002 or USB cable, via P6000 (sensors only), software PC Configurator
- ▶ **UPDATING TOOLS:** Through SIB

CHANGEGIVER MAIN FUNCTIONALITIES:

- ▶ Ready to control a Paytec cashless unit and double cashless MDB
- ▶ 100 prices/discounts, list 10/100 prices for cashless MDB 1 and 2
- ▶ "Selection first" mode available for credit card
- ▶ Sales notifications cash/cashless
- ▶ Removable coin box, sensor detecting when the selector or the coin box is removed, coin box security lock (optional)
- ▶ Backlit display for diagnostics and configuration
- ▶ 30 coin channels

FOUR PREMIUM

PIT / Mifare®



The new Paytec system FOUR Premium is an integrated and low-cost solution enabling operators to progressively and efficiently meet the needs of the market.

FOUR Premium simplifies the operator's job with an efficient and versatile approach.

The control and management of the system are entrusted to the tested Caiman2 master unit which, in addition to directly managing the cashless part through the Caiman reader, controls the change giver FOUR MDB-only. In this way, audit and configuration information remains stored and available on the Caiman2 unit and not on the change giver.

The Caiman2 unit can also control other MDB peripherals (e.g. a bill acceptor, a credit card reader or payment Apps) in order to get an even more complete payment system.

The Caiman reader allows quick and safe reading/writing of Paytec keys (PIT or Mifare®).

The FOUR MDB-only change giver is an extremely simple solution, reliable but, most of all, convenient for coin management.

CAIMAN2 (EXE or MDB-MDB) + KEY READER (PIT or Mifare®) + 4-TUBE FOUR MDB-ONLY CHANGE GIVER + CABLE MDB

- ▶ **PROTOCOLS:** Executive, MDB Master, MDB Slave
- ▶ **AUDIT:** Standard EVA-DTS and extended formats. It can be collected via IrDA (embedded on reader), with Data Key/Card, PayTools, BT6002, PC
- ▶ **CONFIGURING TOOLS:** With the App PayTools via BT6002 or USB-cable, through P6000, software PC Configurator, Data Key/Card
- ▶ **DIAGNOSTIC TOOLS:** (for the change giver) With the App PayTools via BT6002 or USB cable, via P6000 (sensors only), software PC Configurator
- ▶ **UPDATING TOOLS:** Through SIB

CHANGE GIVER MAIN FUNCTIONALITIES:

- ▷ Integrated display for diagnostics and configuration
- ▷ 30 coin channels

CASHLESS MAIN FUNCTIONALITIES:

- ▷ Price Holding mode, management of other MDB peripherals, double cashless MDB
- ▷ 100 prices/discounts, list 10/100 prices for cashless MDB 1 and 2
- ▷ "Selection first" mode available for credit card
- ▷ Direct recharge of Paytec keys from credit card reader, recharge between cashless MDB
- ▷ Sales notifications cash/cashless
- ▷ Management of notifications from MDB change giver
- ▷ Auto-programming of PIT keys
- ▷ Recycling mode
- ▷ 4 special discount levels (10 prices), user groups, time bands, free vends, free credits, bonus at recharging, calendar bonus, bonus menu, fidelity function, black list, key pre-payment, key code conversion

EAGLE PREMIUM

PIT / Mifare®



Mifare®



PIT



The new Paytec system EAGLE Premium is an integrated solution but easily scalable to smartly meet the increasing needs of the market.

The system is controlled and managed by the proven Caiman2 unit, which, in addition to directly managing the cashless part through the Caiman reader, also controls the EAGLE Smart change giver.

In this way, Audit and configuration data are stored and available in Caiman2 and not in the change giver.

The unit Caiman2 can also control other MDB peripherals (e.g. a bill acceptor, a credit card reader or payment Apps) in order to get an even more complete

payment system.

The EAGLE Smart change giver relies on a consolidated coin recognition and selection technology and on increased ability to optimize change. The removable coin box makes the change giver extremely versatile in terms of tube configurations.

The Caiman reader makes it possible to read/write Paytec keys (PIT or Mifare®) safely and rapidly.

CAIMAN2 (EXE or MDB-MDB) + KEY READER (PIT or Mifare®) + 6-TUBE EAGLE SMART CHANGEGIVER + CABLE MDB

- ▶ **PROTOCOLS:** Executive, MDB Master, MDB Slave
- ▶ **AUDIT:** Standard EVA-DTS and extended formats. It can be collected via IrDA (embedded on reader), with Data Key/Card, PayTools, BT6002, PC
- ▶ **CONFIGURING TOOLS:** With the App PayTools via BT6002 or USB-cable, through P6000, software PC Configurator, Data Key/Card
- ▶ **DIAGNOSTIC TOOLS:** (for the change giver) With the App PayTools via BT6002 or USB cable, via P6000 (sensors only), software PC Configurator
- ▶ **UPDATING TOOLS:** Through SIB

CHANGEGIVER MAIN FUNCTIONALITIES:

- ▶ Removable coin box, sensor detecting when coin box is removed, coin box security lock (optional)
- ▶ Management notifications on MDB protocol

- ▶ 30 coins channels

CASHLESS MAIN FUNCTIONALITIES:

- ▶ Price Holding mode, management of other MDB peripherals, double cashless MDB
- ▶ 100 prices/discounts, list 10/100 prices for cashless MDB 1 and 2
- ▶ "Selection first" mode available for credit card
- ▶ Paytec key recharge from bank card reader, recharge between cashless MDB
- ▶ Sales notifications cash/cashless
- ▶ Management of notifications from MDB change giver
- ▶ Autoprogramming of PIT keys
- ▶ Recycling mode
- ▶ 4 special discount levels (10 prices), user groups, time bands, free vends, free credits, bonus at recharging, calendar bonus, bonus menu, fidelity function, black list, key pre-payment, key code conversion.



Two Cash & Cashless payment systems integrated with a standard front plate in a single unit with the size of a standard coin validator.

With this solution there is no need to make an additional hole in the machine in order to wire two payment systems. It is thus possible to use the coin selector/acceptor, use the cashless system with PIT technology, or recharge a key.

Apart from being designed to work with both protocols

EXE and MDB, GIODY offers the opportunity to connect a bill acceptor in parallel mode.

GIODY is the ideal system for compact vending machines (tabletops or OCS), where both Cash & Cashless payment options should be made available to user.

GIODY COIN VALIDATOR WITH INTEGRATED READER FOR PIT KEYS

► **PROTOCOLS:** Executive, MDB Slave

► **AUDIT:** Standard EVA-DTS and extended formats. It can be collected via IrDA (embedded), BT6002, Data Key, PayTools/ PayCloud and PC

► **CONFIGURING TOOLS:** With the App PayTools via BT6002 or USB cable, via P6000, software PC Configurator, Data Key

► **DIAGNOSTIC TOOLS:** With PayTools App via BT6002 or USB cable, via P6000 (sensors only), software PC Configurator

► **UPDATING TOOLS:** Through SIB

MAIN FUNCTIONALITIES:

- ▷ 100 prices/discounts, 4 special discount levels (10 prices)
- ▷ User groups, time bands, free vends, free credits, bonus at recharging, calendar bonus, bonus menu, fidelity function, black list, key pre-payment, key code conversion
- ▷ Auto-programming of PIT keys
- ▷ Possibility to connect a bill acceptor in pulse mode
- ▷ Recycling mode
- ▷ 30 coin channels



MANY WAYS TO TALK WITH US



Phone



WhatsApp



App PayTools



TeamViewer



E-mail

SOFTWARE

PAYTOOLS

Use your smartphone as a palmtop programmer



Use the QR-code to download the App



PayTools is a free Android application for a more convenient and comfortable management of VMCs.

With PayTools, the refiller's and the technician's smartphones turn into palmtop programmers, enabling them to establish a Bluetooth connection and collect Audit data from Paytec systems or from the most common models by other manufacturers. PayTools also allows rapid and complete programming of Paytec products, both following the logic of the P6000 portable programmer and through intuitive configuration pages, developed specifically for portable devices of various sizes.

PayTools finally it also allows to carry out the functional diagnostics of the change giver. Just like all Paytec software tools, a series of tutorials are directly accessible from the tool itself, to solve all the most common doubts in no time.

The latest release of PayTools now also allows the direct

update of the OPTO Firmware without the use of other tools such as a SIB as well as the management of Black Lists, by quickly loading the numbers of the keys to be blocked.

The downloaded files can be shared with Paytec's Customer Service practically in real time, to verify the correct configuration of the systems directly in the field. Through the App PayTools, the audit and configuration files can also be uploaded to the PayCloud platform to remotely control and update your vending machine in a similar way to telemetry solutions, but without incurring the costs typical of this type of service. Configuration and Audit files are safely stored in the Cloud, which eliminates the chance of errors and always gives a view of the situation on the field without having to connect all VMCs remotely.



PC CONFIGURATOR

PC Configurator is a Windows® application developed to communicate with Paytec payment systems. It provides the essential tools for proper and professional management of the vending machine fleet, managing:

- ▶ configuration parameters
- ▶ audit data
- ▶ black list
- ▶ updates
- ▶ diagnostics
- ▶ programming of coins

PC PROGRAMMER

PC Programmer is a Windows® application dedicated to managing all Paytec cards/keys via Caiman Programmers for PIT or Mifare® devices. The application allows you to:

- ▶ read and program keys/cards
- ▶ transfer audit data from the Data Key/Card to the PC
- ▶ manage Mifare® licenses

AUDIT CONTROL

Audit Control is a Windows® application developed to facilitate the management of data retrieved from Paytec payment systems and gain full visibility into the payment flows of each individual machine, each payment mode, both cash and cashless. It is also possible to export data in standard formats for later processing.

AUDIT VIEW

Audit View is a Windows® application developed to facilitate the management of data generated by the retrieval of Audit in extended mode from Paytec payment systems.

In addition to the features included in Audit Control, Audit View allows to obtain payment details at the individual user (key) level to further deepen the analysis. It is also possible to automatically consolidate data from multiple vending machines of a single location to achieve an overview of payment flows.

It is the ideal tool to manage complex locations where the vending machines and/or customer dynamics require special attention.

Language tutorials directly accessible from the program itself are available for all Paytec software, providing immediate answers to common doubts.



Access the Reserved Area on paydoc.paytec.it
or use the QR code on the side and download them for free



CONNECTIVITY

With the introduction of Link6000, PayCloud expands the possibilities to monitor and manage vending machine, as it now allows for complete control of both connected and unconnected vending machines.

LINK6000

Connectivity module



Connect remotely to your systems without changing configurations and operations.

Link6000 is a connectivity module that allows you to connect not only Paytec systems, but also vending machines and devices from other manufacturers. Integrated into the architecture of the machine, the module enables:

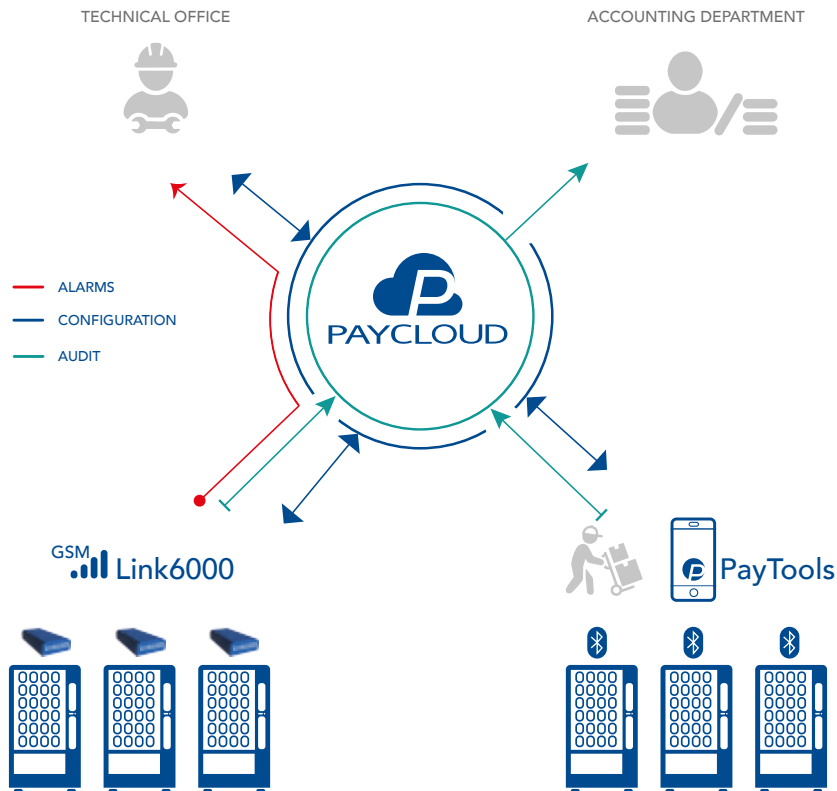
- ▶ Remote retrieval of master audits.
- ▶ Receiving alerts and alarms from vending machines.
- ▶ Reading and updating Paytec system configurations, especially prices and discounts.

All audit data, configurations, reports, and alarms are

always available on PayCloud, the portal developed by Paytec to securely store, access, and edit all information about your systems.

With a robust and functional design, Link6000 improves the operability and efficiency of your work. The module has two serial ports: one for direct connection to all Paytec masters and one for connection to the vending machine or other peripherals or payment systems. Equipped with an external antenna and a 4G multi-operator SIM card, connection is assured even in harsh environments. Installation and setup on PayCloud is done with just a few clicks.

PAYCLOUD



On a single integrated cloud platform, you can view sales data through audit files, check and change prices and configuration of Paytec payment systems and receive alerts of any failures.

Using PayCloud on the fleet enables a significant reduction in field interventions by technicians to update system configuration, minimizing inefficiencies through targeted field interventions.

The data and information are fed through Link6000, Paytec's new connectivity module that connects to the master payment systems and vending machines,

enabling real-time two-way communication.

The benefits of PayCloud can also extend to machines that are not equipped with Link6000 and therefore not connected. In this case, the data can be manually synchronized by the refiller during its scheduled visits using the PayTools mobile application, gaining much of the benefits offered by the PayCloud digital platform.



PAYMENT AND CHARGING STATIONS

Modern vending requires versatile payment solutions, suitable for any machine and context. Each customer has specific needs, and the PayBox line is designed to meet them in an intelligent and modular way.

- ▶ **FACILITATION OF PAYMENTS:** PayBox allows you to integrate payment systems into machines that are not provided with this functionality, such as OCS, super-automatic and compact table-tops.
- ▶ **UNIVERSAL ADAPTABILITY:** Thanks to the MDB protocol and symmetrical design, PayBox is compatible with most table-top machines and super-automatic coffee machines, ensuring quick and easy installation.
- ▶ **GUARANTEED SECURITY:** The sturdy metal structure and mechanical lock protect against tampering and theft, safeguarding funds and data.
- ▶ **AESTHETICS AND PROFESSIONALISM:** Designed to be functional and elegant, PayBox helps to maintain a refined and professional image of the point of sale.

Paytec charging stations also follow this approach: they allow the centralized loading of keys and PIT/Mifare® cards, reducing operating costs and optimizing investments.



PAYMENT MODULES

PayBox



PayBox - CAIMAN



PayBox - POS



PayBox - GIODY

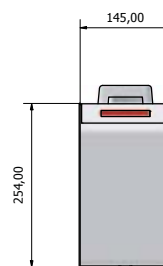
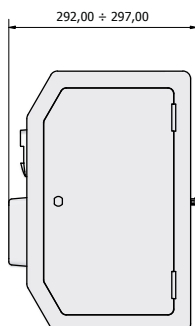
PayBox payment modules are designed to offer the option of payment with table-top machines and super-automatic coffee machines that do not have appropriate housings for payment systems.

Made of metal and with a mechanical lock, PayBox is a robust yet aesthetically pleasing solution that fits the vast majority of machines available on the market.

PayBox is available in three versions depending on the payment system you want to install, and has an MDB connector for connection to the machine. Its totally modular design allows the module to be placed indifferently to the right or left of the coffee machine.

► PayBox - CAIMAN, with front panel prepared for the installation of a coin validator with front plate and a key/card reader (Caiman series, OPTO or others). Includes coins collector. Optional display to show the credit on the module.

- PayBox - POS, with front panel prepared for the installation of an electronic payments terminal. Optional display to show credit on the module.
- PayBox - GIODY, with front panel prepared for installation of a Giody coin validator with integrated PIT key. Includes a coins collector and dedicated display.



Note: Payment systems not included

KEYCHARGER PayBox



The PayBox Keycharging station is a stand-alone module that enables the charging of keys and cards with PIT or Mifare® technology via an electronic payments terminal.

The PayBox Keycharger is a very practical and efficient solution to handle payments. Placed “stand-alone” in a central area that is easy to access, such as a reception desk or food court, it allows for electronic recharging of keys without having to install a credit card reader on each vending machine. Electronically loaded credit is immediately usable for purchases on vending machines or table-top machines, resulting in a reduction of cash and savings in investment and maintenance.

Equipped with a central unit Caiman2 EXE that manages the charging process, the Keycharger PayBox

also enables audit data retrieval, ensuring complete and secure data management. The sturdy metal frame, with an aesthetically pleasing and professional appearance, ensures strength and protection. An optional display allows the display of the credit on the key. The Keycharger PayBox is available in different configurations, allowing to choose a PIT or Mifare® key reader and the type of card reader (Sigma or Vendotek). It includes an external 4G antenna as standard and is supplied with a transformer for wall power.

PAYBOX KEYCHARGER FOR PIT KEYS AND Mifare® KEYS/CARDS.

▶ **AUDIT:** Standard EVA-DTS format and extended audit, retrievable via IrDA or key/data card

▶ **UPDATING TOOLS:** Caiman2 through SIB. Sigma/Vendotek remotely

MAIN FUNCTIONALITIES:

- ▶ Sturdy metal structure
- ▶ Mechanical lock with key
- ▶ PIT key reader or Mifare® keys/cards
- ▶ Vendotek or Sigma credit card reader
- ▶ 6-digit backlit display
- ▶ Dimensions (HxWxD): 404x145x297 mm
- ▶ Weight: 6 kg

KEYCHARGER CASH & CASHLESS



A key charging station, ideal for all those locations where cash management is often problematic and expensive.

Paytec's Key Charger offers the possibility to load credit on Paytec keys with coins, banknotes and credit cards, concentrating cash in positions that are well protected against vandalism and robbery attempts, and making cash collection easier. The recharging station developed by Paytec is available

for keys with PIT technology as well as for keys and supports with Mifare® technology. Audit data can be retrieved with IrDA palmtops or with the Data Key and are available in both standard EVA-DTS and extended versions. The Keycharger must be wall-mounted.

KEYCHARGER FOR PIT KEYS and Mifare® KEYS/CARDS

- ▶ **AUDIT:** Standard EVA-DTS and extended formats. It can be collected via IrDA or with Data Key/Card
- ▶ **UPDATING TOOLS:** Through SIB

MAIN FUNCTIONALITIES:

- ▷ Vandalism-proved, painted, stainless steel structure
- ▷ Anti-theft lock with safety bars
- ▷ Anti-fishing coin inserting system
- ▷ Bill acceptor APEX with maximum capacity of 200 bills
- ▷ Credit card reader Vendotek
- ▷ Coin acceptor
- ▷ 6-digit backlight display
- ▷ Dimension (HxLxP): 600x450x225 mm
- ▷ Weight: 36 kg

ACCESSORIES

Over the years, every operator has developed his own methods and habits to manage his on-field VMCs. That is why Paytec offers a wide range of tools and accessories, each one suiting specific needs. To collect Audit data, various technologies such as IrDA or Bluetooth can be used. As a matter of fact, different solutions can be selected: operators can gather data manually (the technician actually stands before the

VMC), or they can decide to gather data remotely (with or without the physical presence of the technician before the VMC).

Also the programming of Paytec systems can be done in different ways, using the technologies and procedures that best suit the needs and way of working of each operator.

P6000

CONFIGURING TOOLS



The P6000 palmtop programmer is the natural successor of the well-known P3000. Several improvements have been implemented in terms of compactness, capacity, speed, visibility and ergonomics. Programming takes place through a cable plugged on the serial port of products.

COMPATIBILITY	all Paytec systems
MANAGEMENT	locally
SOFTWARE	not required

BT6002

CONFIGURING TOOLS/AUDIT



BT6002 is a palmtop device enabling Bluetooth connection with payment systems. Thanks to such device, Bluetooth terminals (PDA, tablet, smartphone, PC...) can connect with payment systems without need for cables that complicate the work of the operators. BT6002 is powered by the payment system and no further adapters are necessary. Such device is easy to use and carry along in the operator's daily working activities. Used with PayTools, BT6002 will be a workmate you can't do without.

COMPATIBILITY	all Paytec systems
MANAGEMENT	locally /remotely
ACCESSORIES	PC or Android mobile
SOFTWARE	PayTools / PC Configurator / PayCloud (for remote connection)

UIC CABLE

CONFIGURING TOOLS/AUDIT



UIC CABLE The UIC cable (Universal Interface Cable) makes it possible to connect a payment system to the USB port on a PC. With software PC Configurator, operators can transfer and edit configurations, retrieve Audit data and run diagnostics. The UIC cable is ideal to configure systems in your office or complete complex interventions on site. With a USB adapter, you can connect the UIC cable to a Smartphone Android and configure payment systems with the App PAYTOOLS.

COMPATIBILITY	all Paytec systems
MANAGEMENT	locally
ACCESSORIES	PC / USB adaptor for mobile phone
SOFTWARE	PC Configurator / PayTools

EXTERNAL IRDA - IRDA 6000

AUDIT



For those operators already using IrDA technology in order to collect Audit data, Paytec offers a range of practical and flexible solutions for payment systems that are not equipped with an integrated IrDA port. The external IrDA interface is an accessory to be mounted permanently inside the vending machine and enables the retrieval of Audit data with a PDA or other data read-out tools. IrDA6000 is a palmtop device that the operator connects each time to the vending machine in order to collect data.

COMPATIBILITY GESTIONE ACCESSORIES

all Paytec systems (*)
locally
external IrDA module or IrDA6000 + IrDA palmtop or mobile device with con RFT Smart module
PDA- or mobile based software

SOFTWARE

(*) An external IrDA or IrDA6000 module is required for Paytec systems that are not equipped with an integrated IrDA port

DATA KEY/CARD

CONFIGURING TOOLS/AUDIT



Data Key allows retrieving Audit data from one or more key readers. With a memory of 128Kb and an integrated lithium battery, Paytec Data Key enables operators to operate on site practically and autonomously. Similarly, the Mifare® Data Card can retrieve Audit data from Caiman systems equipped with Mifare® technology. The Data Key/Data is then read by the Caiman programmer, that transfers the data to a PC for their subsequent processing. Both standard and extended Audit can be retrieved. Both the Data Key and the Data Card also allow operators to configure Caiman systems in the field.

COMPATIBILITY MANAGEMENT ACCESSORIES

all Paytec systems equipped with a Caiman reader (*)
locally
Data Key (PIT) / Audit Card (Mifare®) + Caiman Programmer (*)
+ PC

SOFTWARE

PC Configurator / PC Programmer

(*) Caiman Mifare® Programmer in case of Mifare® systems

SIB

UPDATING TOOLS



The SIB (Serial Interface Board) is used to store and transfer firmware from a PC to the Paytec payment systems in the field. The firmware was previously loaded on the PC through the software PC Configurator. For Eagle, Four, Giody, Caiman and Caiman Lite, SIB can also be used to update the product configuration.

EXCEPTIONS

- ▶ The firmware of APEX bill acceptor is updated with Programmer PRO-2
- ▶ The firmware of CV2406 and CV3516 coin validators is updated at Paytec's headquarters

NOTES COMPATIBILITY

- ▶ Audit data retrieval and configuration in these modes is possible only for products with DDCMP protocol. CV2406 and CV3516 coin validators, as well as APEX bill acceptors do not support this protocol.
- ▶ CV2406 is programmed with a PC and a UIC cable.
- ▶ CV3516 is programmed by operating on DIP switches
- ▶ APEX bill acceptor is programmed by operating on the DIP switches

PROGRAMMERS

CAIMAN / CAIMAN Mifare®



The Caiman programming unit is available in two versions, one dedicated for programming PIT keys, the other for Mifare® keys/ cards and other Mifare® supports. The Caiman Programmer is used to code and configure keys/cards for end-users and retrieve Audit data from Data Keys/Cards.

The Data Key/Card can be programmed to update systems already operating in the field.

In the Mifare® version, the Programmer can read Mifare® supports already programmed by third parties in order to identify the free areas where the Paytec cashless application can be written.

The product is supplied with its management software "PC Programmer".

CAIMAN and CAIMAN Mifare® PROGRAMMER

- ▶ **POWER SUPPLY:** 220 Volts
- ▶ **CONFIGURING TOOLS:** Software PC Programmer for Windows® 7 and Windows® 10
- ▶ **PC CONNECTION:** USB or RS232

MAIN FUNCTIONALITIES:

- ▷ Reading and programming of PIT keys and Mifare® cards/ keys
- ▷ Audit data retrieval from Data Key/Card
- ▷ Data Key programming for updating PIT systems configuration
- ▷ Service management of Paytec PIT/Mifare® keys

Mifare® LICENZE



The Mifare® License Programmer allows operators to load the licenses stored in the Mifare® license card (500 licenses min.).

Thereafter, it is possible to write each single license on the Mifare® media already in the hands of the final users. The product is supplied with its management software "PC Configurator".

Mifare® LICENSE PROGRAMMER

- ▶ **POWER SUPPLY:** 220 Volts
- ▶ **CONFIGURING TOOLS:** PC Programmer for Windows® 7 and Windows® 10

MAIN FUNCTIONALITIES:

- ▷ Stand-alone
- ▷ 5-digit display

CHANGE GIVERS

comparative table

MODEL	EAGLE2	FOUR	EAGLE SMART	FOUR MDB-ONLY
Tubes	6	4	6	4
Coin channels	30	30	30	30
Executive	o	o		
Price Holding	o	o		
MDB Master level 1 and level 3	o	o		
MDB Slave	o	o	o	o
BDV001 Master/Slave	o	o		
Charger mode	o	o		
Built-in cashless functionalities (PLUS)	o	o		
Double cashless MDB	o	o		
Connection to bill acceptor in pulse mode		o		
Connection to MDB peripheral devices	o	o		
Embedded IrDA port	o			
Integrated display	o	o		o
Extended Audit, compatible with AuditView	o	o		
Audit read-out				
locally with IrDA palmtop	o	o ¹	o ¹	o ¹
locally with PC and UIC cable	o	o	o	o
locally with Data Key/Card	o ²	o ²		
remotely with PayTools/Link6000	o	o	o	o
Programming				
locally with P6000/BT6002/PC	o	o	o	o
remotely with PayTools/Link6000	o	o	o	o

¹ IrDA or IrDA6000 interface required

² Caiman key/card reader required

CASHLESS SYSTEM

comparative table

MODEL PIT / MIFARE®	EAGLE PLUS	FOUR PLUS	CAIMAN EXE	CAIMAN LITE EXE	GIODY ²	CAIMAN MDB-MDB	CAIMAN LITE MDB	OPTO ²
Executive	o	o	o	o	o			
Price Holding	o	o	o	o	o			
MDB Master	o	o	o			o		
MDB Slave	o	o	o		o	o	o	o
Charger mode	o	o	o	o	o			
Connection to Bill acceptor		o	o		o	o		
Connection to 24 VDC coin validator			o	o		o		
Connection to MDB peripheral devices	o	o	o			o		
Double cashless MDB	o	o	o			o		
Double price table Cashless MDB	o		o					
Sales notifications	o	o	o					
Recharge between Cashless			o					
Embedded IrDA port	o	o	o		o	o		
Prices/Discount list	o	o	o	o	o	o	o	o
Hour/Date	o	o	o	o	o	o	o	o
Time bands	o	o	o	o	o	o	o	
Free Vend/Free Credit	o	o	o	o	o	o	o	o
Bonus at recharging	o	o	o		o			
Calendar bonus	o	o	o		o			
Bonus menu	o	o	o		o			
Fidelity	o	o	o	o ¹	o	o	o ¹	
Black list	o	o	o	o	o	o	o	
Auto-programming of keys	o ²	o ²	o ²	o ²	o ²	o ²	o ²	o ²
Extended Audit, compatible with Audit View	o	o	o	o	o	o	o	
Audit readout								
locally with IrDA palmtop	o	o	o	o ³	o	o	o ³	
locally with PC and UIC cable	o	o	o	o	o	o	o	
locally with Data Key/Card	o	o	o	o	o	o	o	
remotely with PayTools/Link6000	o	o	o	o	o	o	o	
Programming								
locally with P6000/BT6002/PC	o	o	o	o	o	o	o	o
remotely with PayTools/Link6000	o	o	o	o	o	o	o	o

¹ 10 prices max.; not available on CAIMAN LITE EXE Mifare®

² PIT technology only

³ External IrDA or IrDA6000 interface required

To help you manage your day-to-day activities as simply as possible, we've made it even **easier to find our products and services.**

Firmware and manuals can be downloaded from the **reserved area PayDoc** on paytec.eu.

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