

Pecuron[®]

The POS all-rounder



Giesecke & Devrient
Creating Confidence.



Pecuron reinvents retail payments



Which checkout line will move fastest? That's what customers often ask themselves when they have finished their shopping. According to a recent survey*, more than 50% are prepared to switch stores if they have to wait too long at the checkout. These days, scanning goods is a slick, fast affair, but the payment process often leads to delays. New checkout processes are about to change that.

Greater flexibility

By physically separating the scanning and payment processes, Pecuron reduces wait times. No matter how many scanning stations are being used, once the merchandise has been registered, all payment terminals are available around the clock. As a result, every customer can access a free terminal without having to stand in line. This has the potential to build customer loyalty because satisfied customers tend to come back!

Speedier checkout

Once goods have been scanned, customers complete the payment process themselves using Pecuron. They can choose from the following payment methods:

- Banknotes and coins
- Maestro / debit card or credit card using PIN or signature
- Contactless payment via NFC (Near Field Communication), e.g. with a cell phone
- Voucher
- Store card

Any combination of these payment options is also possible. For example, customers can use all the loose change they have and if this amount is not enough to cover their purchase, they can then pay the balance using banknotes, a voucher, or card, for maximum speed and convenience.

Enhanced service, lower costs

Pecuron enables retailers to deploy staff in a more flexible manner: more employees than previously can now provide customer service, thereby helping to boost sales and build customer loyalty. The integrated coin and banknote recyclers ensure that the system automatically checks and registers all incoming and outgoing payments (change and skims). The closed cash cycle means employees no longer have direct access to cash and there is no need to painstakingly count money when handing over or closing down

a cash register, which helps to avoid cash discrepancies, while the risk of robbery is also reduced. Pecuron helps optimize every aspect of cash handling, i.e. processing times and costs can be reduced from the point of sale and cash office through to the cash center. Importantly, Pecuron integrates neatly into existing cash register software solutions.

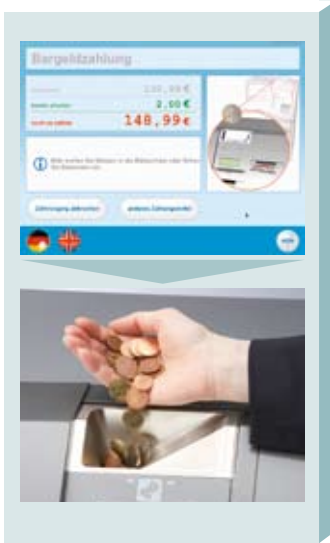
Cost savings with Pecuron

- No need for checking by a second person
- No need for counting when closing down a cash register
- Reduced administrative effort
- Cash position available at the touch of a button, anytime



* "Store technologies—acceptance and expectations of German consumers", IBM

Streamlining the checkout process



Benefits for retailers

- Cost savings
 - Longer opening times with the same level of staffing
 - More efficient cash handling thanks to closed cash cycle
 - No cash reconciliation discrepancies
 - No cash register staff required at scanning stations
- Increased sales
 - Employees can focus on customer service
 - Greater customer loyalty
- Security
 - No counterfeit money accepted thanks to reliable authentication by ECB-certified banknote sensor
 - Only authorized personnel have access to cash
 - Minimal sources of error
 - Less risk of robbery

- Integration into all cash register systems possible
- Innovative image

Benefits for consumers

- Choice of payment methods, with any combination possible
- Minimal wait times
- Intuitive operation for easy, secure payment
- Multilingual user interface
- Ability to pay at own pace with greater privacy

Highlights

- Multifunctional payment terminal
- Pecuron supports all mainstream payment methods, as well as future options such as contactless payments by cell phone using NFC
- Attractive, ergonomic design with a compact footprint
- Closed cash cycle due to recycler module for banknotes and coins
- Touch-screen operation
- Hybrid card reader with PIN pad (EFT) and signature pad
- Receipt / Voucher printing
- Barcode / RFID reader

Optional applications for retailers

- Cash back:
Paying out cash against an overpayment by debit card
- SIM top-up:
Add credit to cell phone SIM cards

Pecuron can also be deployed in other sectors

Pecuron may also be used as a kiosk solution, where the customer selects and pays for goods or services before collecting them from a vending machine or employee.

Potential deployment scenarios:

- Ordering systems, e.g. in fast food outlets
- Paying for goods and services (government agencies, physicians, etc.)
- Tickets for events:
For example, movie theater seats can be selected at the terminal and paid for, and are then printed out on security paper





Technical Data

Dimensions

Width / Depth / Height:
Approx. 790 x 650 x 1,400 mm

Weight

Approx. 175 kg

Power supply

90-265 V, 47-63 Hz

Coin intake

- In-feed tray for up to 50 coins
- Foreign body reject function

Coin recycler

- Number of denominations: 8
- Capacity: min. 400 coins per denomination

Coin overflow

- Capacity: min. 1,000 coins with largest format
- Access to cassette:
From front of cabinet

Banknote input

- Single note feeder
- Insertion in all 4 orientations

Authentication

Certified by the ECB for euro banknotes

Banknote recycler

- Number of denominations: 3
- Capacity: approx. 100 BN per denomination

Banknote overflow

- Capacity of stacker cassette:
Up to approx. 1,000 BN
- Access to cassette:
From front of cabinet

Card payment / EFT by debit or credit card

- Hybrid card reader for smart and magnetic strip cards
- PIN keypad
- Signature field with pressure-sensitive surface

Additional payment options

- Vouchers, coupons, and deposit machine receipts
- Contactless payment via NFC (Near Field Communication)

Receipt printer

- Kiosk printer
- Low-maintenance thermal printer with loop presenter
- Print speed up to 150 mm/s
- Prints graphics
- Paper width: 80 mm
- Roll diameter: up to 250 mm
- Paper end sensor

User interface

- IBM Anyplace Kiosk
- 15" TFT color display with infrared touch screen
- Omni-directional barcode reader
- 3-color light signal for system status

Deployment

Inside buildings

Installation options

- Free-standing, accessible on all 4 sides
- Back to back
- Side by side (parallel, at an angle of 180°)
- Against a wall
- Corner arrangement / 2 walls

Certifications

CE, GS

G&D—The experts in money matters

Giesecke & Devrient (G&D) is an international technology group. Established in 1852, the company initially specialized in banknote and securities printing, subsequently

moving into systems for secure, efficient banknote recognition and processing. Today, G&D is a leading provider of cards and complex systems solutions in the fields of telecommunications, electronic payments, transport, and IT security (PKI).

Billions of people around the globe carry G&D products. Supermarkets are just one place where G&D banknotes and debit/credit cards are used by consumers on a daily basis.

Pecuron is the result of a joint development project, with IBM and G&D pooling their core competencies in the fields of retail solutions, systems integration, and cash processing.

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