



Giesecke+Devrient
Creating Confidence

BPS[®] C6

Setting new benchmarks
to move you ahead



Taking the lead through best-in-class performance

Speed, sorting, sensors, connectivity: all areas in which the BPS C6 is setting new standards in its segment. Discover this high-performance giant among desktop processing systems today

Whether in cash centers, commercial banks, or casinos, the BPS C6 provides that critical head start where medium to large banknote volumes need to be processed in demanding, heavy-duty operation. The system has been specifically developed to further enhance efficiency in banknote processing, reduce costs, and give customers an unmatched competitive edge

The new benchmark in the world of desktops
The BPS C6 offers an annual throughput of up to 22,000 banknotes per hour, sophisticated high-level sensor technology, a modular concept with up to 12 output stacks, and an extremely robust design

all features that enable the BPS C6 to support customers when it comes to overcoming current and future challenges in banknote processing.

Welcome to the network of efficiency
The BPS C6 is a high-performance, reliable, and durable system that also features all the modern interfaces for embedding into integrated network solutions. For example, system interaction between cash management software (e.g., Compass Cash Center) and the diverse range of solutions in the BPS Eco-System opens up additional ways to further enhance efficiency, transparency, and reliability in banknote processing.

High-speed banknote processing of up to 1,200 BN/min. in all modes: counting, authentication, fitness sorting, and serial number reading

1,200



Adaptable to individual requirements

The flexible concept of the BPS C6 means that you can choose the configuration based on individual requirements

A range of processing and sorting tasks can be completed with variants that offer between 4 and 12 output stacks.

The base module comprises one large feeder (up to 1,500 banknotes), 2 reject stacks (up to 200 banknotes) and 4 output stacks (up to 500 banknotes). For more efficient sorting, one reject stack can be configured as an additional output stack.

The system's enhanced modularity means it's simple to upgrade to extra-output stations. Choose between 4 and 8 stacker modules to enlarge the BPS C6 from 4 up to 12 stacks.

The flexible configuration options also include adjustable operation modes and field up-gradability. The operator can choose easily between various processing options and a multitude of currencies.

BPS C6 CONFIGURATION OPTIONS

BPS C6-4 - BASE SYSTEM



BPS C6-8



BPS C6-12



BPS C6-4-18U



BPS C6-8-28U



The basis of productivity is availability

With our needs-oriented consulting team and fully comprehensive service portfolio, Giesecke+Devrient's customers benefit from full productivity and smooth operation of systems – for the entire life of the products

G+D consulting services: for solutions that are the perfect fit
Our experts analyze the individual needs, existing processes, special requirements, system environment, and more. Based on this analysis, we will recommend the right solution for your operation, and it will be integrated smoothly into your production processes.

G+D service: always at your side, whenever and wherever you need it
Our dense, global service network ensures that customers can rely on our support at all times. Your systems are kept up to date with frequent updates and upgrades – which can further boost productivity after installation.

G+D remote service: the fastest solutions via remote access
Use G+D remote services to optimize uptime of your systems. A large proportion of system failures can be immediately responded to and resolved using G+D remote access. Our service specialists identify the issue and put it right in an instant.

BPS ECO-SYSTEM: FUTURE-PROOF USE OF DIGITAL POTENTIAL

BPS ECO-SYSTEM is an innovative portfolio of highly secure networked software products and web services that boost the efficiency of cash management and banknote processing



BPS ECO-PROTECT is an industry first-of-its-kind that efficiently protects a BPS in a customer's environment against most malware attacks, and enables secure communication to and from the BPS



BPS ECO-REMOTE provides a highly secure remote management solution for BPS. It allows remote monitoring, performance management, diagnosis, and even software updates to be provided through G+D, or using in-house or third-party personnel, without the local presence of a service engineer



COMPASS CASH CENTER is a comprehensive, process-oriented cash center management solution, enabling all of your cash management processes to be automated, optimized, and reliably monitored

The BPS C6 can be readily integrated into existing IT structures. Cash management solutions such as Compass Cash Center ensure greater transparency, security, and productivity throughout the process



The heart of the BPS C6 is the high-tech sensor technology. The front-facing camera of each stacker banknote allows it to detect counterfeit notes and sort by fitness effectively.

Enhanced performance for greater productivity

Precision at record speed: its nominal throughput of 72,000 banknotes per hour makes the BPS C6 one of the fastest desktop processing systems available. It is capable of processing all substrates (paper, hybrid, and polymer), and the freely configurable output stackers enable single-step processing (including multi-currency processing). Not least, the very straightforward and user-friendly operation of the system results in greater throughput and enhanced productivity.

From flexibility to individuality

Productivity that is fully aligned to your needs: a huge range of processing and sorting tasks can be completed with variants ranging from four to 12 output stackers. The system's graphical user interface supports up to 36 different operation modes to ensure individual customer settings and maximum operator convenience. The layout of the BPS C6 is optimized for single- or dual-operator handling, based on your preference. Additionally, the basic system can be configured with four output stackers and two reject stackers, or with five output stackers and one reject stacker depending on your needs.

Security you can rely on

The advanced sensor technology in the BPS C6 is the best in its class, and has been developed specifically for the needs of commercial banknote processing. The features of the all-in-one sensor include a high-resolution contact image sensor (CIS) for detecting currencies, denominations, orientations, and fitness criteria; an OCR function for reliable serial number recognition; and IR, MAG, and UV sensors for authentication. Composed banknotes can also be reliably recognized by the integrated thickness sensor, while the integrated, automated pusher plate and footer gate ensure that even low-quality banknotes can be processed smoothly.

A solutions-oriented concept

The BPS C6 is part of a comprehensive portfolio of hardware, software, and service products for individual solutions in the cash center or count room. The objective is always to make banknote processing as efficient and reliable as possible, and to ensure it can be easily adapted to future requirements.

Compact size – huge potential

The BPS C6 combines compact size with premium function. The system provides best-in-class sorting quality with performance that stands out in its market segment. The processing capabilities of the BPS C6 come at a speed of up to 1,200 banknotes per minute for all functions from authenticity checking, through fitness sorting, up to serial number reading and comparison. Striking performance in all areas: efficiency, flexibility, reliability. A future-proof design for your business.



BPS's 12-inch touch display as operator panel. The BPS C6 provides a brand-new experience of human-computer interaction on a desktop sorting machine.



Maximize operator productivity with automated banding

The BPS C6's Bander Unit (BU) is a new and optional function that benefits cash center processes in several ways. Automated banding leads to significantly higher throughput, enabling the operator to process either the same number of banknotes in a shorter time or more banknotes in the given time. In addition, a higher level of automation leads to enhanced security.

New efficiency is improved

The most frequently occurring denominations and qualities are banded automatically, giving the operator the possibility to manually band the remaining denominations and qualities. With this mix of automatic and manual banding, the actual throughput is significantly improved.

The BU comes with two stackers running in tandem and allowing banding to continue even if the first stacker is full. There is no throughput decrease in tandem mode. As soon as a banknote package is banded, it is automatically ejected (either into an optional container or onto an optional conveyor belt), further improving productivity and performance.

The BU contains laser roll printing, providing all important processing information automatically, which again contributes to the efficiency of the operator.

Delivering automatically banded packages of 100 banknotes (as standard in the banknote industry), the BU can be interfaced to the BPS C6 input module and the extension module, and can be upgraded to existing machines, facilitating improved productivity while ensuring the initial investment.



Example of a processing speed. Each consulting center analyze your individual needs and special requirements to ensure the right solution for your operation.

Creating Confidence

Giesecke+Devrient (G+D) is a global security technology group headquartered in Munich. As a trusted partner to customers with the highest demands, G+D secures the essential values of the world with its solutions. The company develops technology with passion and precision in four major playing fields: payment, connectivity, identities and digital infrastructures.

G+D was founded in 1852. In the fiscal year 2021, the company generated a turnover of 2.38 billion euros with around 11,800 employees. G+D is represented by 89 subsidiaries and joint ventures in 33 countries.

TECH FACTS

Nominal throughput:

Up to 72,000 banknotes per hour in all operating modes

Singling rate:

Up to 1,200 banknotes per minute.

Feeder capacity:

Up to 1,500 banknotes

Stackers:

- Reject stackers: 2 reject stackers or 1 reject stacker and 1 additional output stacker
- Large output stacker in basic Module: 4x 500 banknotes
- Extension modules: 4x 250 banknotes, 8x 250 banknotes

Currencies:

Up to 60 currencies

Fitness classes:

ATM, FIT, UNFIT

Dimensions (H x W x D)

BPS C6 (4-12 stackers):

680 x 860 x 425 mm –

680 x 2110 x 425 mm

Weight basic system:

approx. 86 kg

Bander Unit

W x H x D (incl. reject pocket):

750 (885) x 558 x 425 mm

Weight (incl. reject pocket):

approx. 113 (120) kg



MICROLINK
BANKING & SECURITY EQUIPMENTS