WINCOR NIXDORF

iCASH 100

Banknote recycling system for the cash office and POS

Automatic cash handling at the checkout or cash office is becoming more and more important in retailing. A note recycling system can increase efficiency and cut costs so that any investment in it is soon recouped.

The iCASH 100 is a banknote module that deals with banknote handling for a POS station or cash office. Its recycling approach makes it possible to operate with longer replenishment and pick-up intervals.

During the payment process, single banknotes or bundles of notes are placed in the hopper of the iCASH 100. The closed cash cycle of the iCASH 100 ensures that notes that have been paid in can be paid out again immediately or given in change. As a result, errors and manipulation of the cash balance are rendered impossible. The integrated forgery detection unit guarantees that no counterfeit notes are accepted. Its high capacity means that the iCASH 100 can also be used in the cash office to accommodate cash from individual cash drawers. POS personnel can use the machine without supervision to deposit their banknote takings or withdraw a cash float.

Administration of the iCASH 100 essentially consists only of banking the takings, but unlike conventional POS stations and cash offices there is no need whatever for employees to actually handle any notes. The system includes provision for discharging its drum modules into an audit-proof stacking cassette, in which cash-in-transit operators can transport the cash to

the bank. Even when the safe is opened to remove this cassette, access to any cash remaining inside the recycling area is prevented by the lockable partition between the drum module and the cassette.

The iCASH 100 has eight drum modules. The capacity of one drum modules is optionally up to 220 or 350 notes. The banknote denominations for the individual drum modules can be configured as desired, enabling eight denominations to be recycled. The system can also process other denominations and currencies that are accepted in payment but do not need to be made available for dispensing, and

these do not obstruct any of the drum modules. This will be an advantage, for example, for accepting foreign currencies while providing change in local currency or for recycling two currencies with 4 denominations each. The stacking cassette in the safe has a maximum capacity of 2,000 notes.

The iCASH 100 is available with a safe complying with UL 291 Level 1 (12 mm), which means that iCASH can also act as a safe. Additional security options include a theft and robbery alarm system and stackable cassettes equipped with ink-staining systems. The iCASH 100 meets all

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the requirements of the German Accident Prevention Regulations for Banks (UVV-Kassen). A variety of safe opening options enable flexible pickup either by own personnel or cash-in-transit operators (CiT).

Use of the iCASH 100 considerably reduces the likelihood of robbery or other loss, because cash is no longer readily accessible. In addition, the amount of cash that can be output within a given period of time can be limited by software in such a way that the operator is unable to influence it.

Wincor Nixdorf also offers its iCASH Manager for controlling the iCASH 100. This middleware considerably simplifies integration of iCASH systems in existing application software.

As standard, Wincor Nixdorf's POS applications have been adapted to interact with the iCASH Manager. Third-party applications can also use this software so that the iCASH 100 can be integrated with little effort.

iCASH systems can be integrated in our Service Division's eServices platform by means of the iCASH Application middleware. With this option, Wincor Nixdorf supports iCASH customers not only in system maintenance but also in operating and managing their entire store IT environment. The remote management functionality

that has been developed enables Wincor Nixdorf's Systems Management Center to permanently monitor static and dynamic system information. Real-time monitoring of current system states enables operators and technicians to be deployed proactively without an initial report by the customer, and prevents system failures before problems actually occur.

This device is particularly suitable for standalone POS stations handling large volumes of cash, cash offices, and other locations where increased security is required.

TECHNICAL DATA

OUTPUT UNIT
- Output of wads of up to 150 notes
- Output at center (front)

INPUT UNIT
- Input of wads up to approx. 150 notes
- Input at center (front)

BANKNOTE RECOGNITION
- Counterfeit note detection module complying with §6 of ECB regulations

DRUM MODULES
- 8 drum modules optionally with a capacity each up to 220 or 350 notes

DEPOSIT BOX
- 2 deposit boxes inside the safe for manual deposits of checks, coupons, vouchers, etc.

DISPENSING RATE
- 5 banknotes per second for cash out
- 5 banknotes per second for deposits

MAXIMUM / MINIMUM NOTE SIZE
- 60 mm – 85 mm/ 120 mm – 170 mm

SECURITY HOUSING
- Safe compliant with UL security level UL 291 Level 1 (12 mm safe)

LOCKING SYSTEM
- Electronic lock including time delay (10 minutes) (complying with the German Accident Prevention Regulations for Banks)

DATA COMMUNICATION PORTS
- V.24

SOFTWARE REQUIREMENTS
- WIN 2000
- WIN XP
- LINUX
- iCASH Manager

POWER SUPPLY CONNECTION
- 100 - 240 V, 50 - 60 Hz

DIMENSIONS (W x H x D)
- 400 x 934 x 1035 (12mm safe)

WEIGHT
- Approx. 300 kg with 12 mm safe