iCASH 50

Banknote recycling system for POS and cash office

Typical POS stations feature a cash drawer to hold the change and the cash from transactions. However, these drawers involve a considerable amount of administration effort: whenever a new cashier takes over the station, and each time cashiers' accounts are balanced, supervised staff have to count the cash by hand and prepare it for banking.

The iCASH 50 is a banknote module that deals with banknote handling for a POS station or cash office. Its banknote 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 50. The closed cash cycle of the iCASH 50 ensures that notes that have been paid in can be paid out again immediately or given in change. Errors and manipulation of the cash balance are rendered impossible because the integrated forgery detection unit guarantees that no counterfeit notes are accepted. Its high capacity of up to ca. 2800 banknotes means that the iCASH 50 can also be used in the cash office to accommodate cash from individual cash drawers: here, too, POS personnel can use the machine without supervision to deposit their banknote takings or withdraw a cash float.

Administration of the iCASH 50 essentially consists only of banking the takings, but unlike conventional POS stations and cash offices there is no need whatever for your employees to actually handle any banknotes. The system includes provision for discharging its drum modules into a tamper-proof stacking cassette, in which cash-in-transit operators can transport your cash to the bank. Even when the safe is opened to remove this cassette, access to any cash remaining inside the drum modules is prevented by the lockable partition between the drum module and the cassette.

The iCASH 50 has four drum modules, each with a capacity of up to 220 banknotes, and an internal stacking cassette with a capacity of up to 2000 notes. The

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banknote denominations for the individual drum modules can be configured as desired, enabling four 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, if you wish to accept foreign currencies while providing change in your local currency.

iCASH 50 systems are available with safes of types UL 291 Business Hours (6mm) or UL 291 Level 1 (12mm), which means that the iCASH itself can be considered to be a safe as well as a banknote processing system. Additional security options include a theft and robbery alarm system (EMA/UEMA) and stackable cassettes equipped with ink-staining systems for security purposes. A variety of safe opening options provide for flexible pick-up procedures performed either by your own personnel or by cash-in-transit operators (CiT). Use of the iCASH 50 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 application for controlling the iCASH 50. This package includes business components for use at the POS system and in the cash office plus service modules for use in the event of a malfunction. Wincor Nixdorf's POS applications are oriented as standard to the iCASH application. The program can equally be used by third-party applications to facilitate easy integration of the iCASH 50.

iCASH systems can be integrated into Services Division's eServices platform using the iCASH Application Middleware package. This enables Wincor Nixdorf to assist its iCASH customers not only with system maintenance but also with operating and managing their entire store IT environment. The useful remote management functionality permits continual monitoring of static and dynamic system information by the Wincor Nixdorf Systems Management Center, whereby real-time monitoring of the current system states facilitates proactive management of operator and technician call-outs without the customer having to make any initial report, thus avoiding system failures due to impending problems. This unit 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
- Bundled output of up to 150 banknotes
- Output in the center (front)

INPUT UNIT
- Bundled input of up to ca. 150 banknotes
- Input in the center (front)

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

DRUM MODULES
- 60 mm – 85 mm/ 120 mm – 170 mm

SECURITY HOUSING
- Safe compliant with UL security level UL 291 level 1 (12mm safe)
- Safe compliant with UL security level UL 291 "business hours" (daytime safe, 6 mm)

LOCKING SYSTEM
- Electronic time-delay lock

DATA COMMUNICATION PORTS
- V.24

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

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

WEIGHT
- 170 kg

DIMENSIONS
- 390 x 911 x 757 (W x H x D in mm)