

CINEO C4580



Multifunction cash recycling system for outdoor installations

Cash Cycle Management™ Solutions – Setting new standards

The CINEO C4580 is part of the unique technology concept and a component of Wincor Nixdorf's revolutionary Cash Cycle Management™ Solutions portfolio. The cash recycling system is based on a completely new technology approach, with a innovative banknote storage concept as its core element. This makes it possible for banks and retailers to interchange one and the same cassette between all systems in the CINEO cash series.

Clear value proposition

The groundbreaking technology platform optimizes cash replenishment and pick-up processes. Next to the closed cash cycle inside the cash recycling system operators can realize closed cash cycles throughout a bank branch or retail store as well as between branches/stores in one organization. And for the very first time, cash cycles can be networked across sectors and integrated in cash center processes.

As a result of optimized cash handling, the CINEO C4580 enables operators to cut their costs and

improve on security. Combined with innovative software and end-to-end cash management services, the system guarantees audit compliance and maximum transparency of all cash inventories at all times.

Impressive innovation

The CINEO C4580 is an outstanding performer, offering best-in-class technology for reliable banknote and check recognition and handling as well as innovative print, passbook and coin processing. 15" monitors and multifunctionality round off the system's features. Optimal component accessibility and a graphical user interface make the CINEO C4580 one of the world's most user-friendly outdoor cash recycling systems. The same applies to serviceability: A broad range of operating information is delivered automatically, enabling proactive system management. Tried and proven worldwide, the banknote recognition technology with improved sensors and the new cassette technology are the basis for a unique and flexible system concept that can be tailored to meet individual customers' needs. With high component availability throughout and optimized total

cost of ownership, Wincor Nixdorf creates a foundation for long-term investment protection. The CINEO C4580 comes in an ergonomic design that satisfies the requirements of all user groups.

Security across the board

Criminal attacks often result in more than just damage to systems – they are also likely to concern customers. CINEO C4580 offers impressive new security features: An Anti-Manipulation Card Slot, Anti-Skimming II Module, high-resolution cameras, Optical Security Guard, CryptA Stick and EPP V6 with privacy shield, are all features that close potential security gaps, improve system availability and win customer confidence.

WINCOR
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Services

Wincor Nixdorf's fast, professional manufacturer service is available as an option for the CINEO C4580 as part of the complete solution offer. Tailored services enable the highest possible system availability and security worldwide due to standardized service processes and efficient remote management based on the Wincor Nixdorf eServices Platform®. By request banks can hand over their complete IT operations and the control of their cash processes to Wincor Nixdorf's service organization.

Consulting and integration

Our focus is to provide our customers with the best business benefits as quickly as possible. To make this happen, our Professional Services practice can provide analysis and concept design services to define the ideal deployment and integration scenario for your business requirements. We will also deliver integration services as part of our Professional Services portfolio to ensure the smooth and timely deployment of systems throughout your store network.

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TECHNICAL DATA

General

Installation types

- Outdoor as rearload
- Fully integrated, window frame

Chassis

- Multicolor options
- Illuminated advertising lightbox
- Customers guided by optical indicators at all input and output modules

Banknote processing

Recycling module

- Deposit/withdrawal of up to 200 notes in bundles
- Foreign object detection in the input/output tray
- Recycles up to 4 denominations
- Operating modes: Cash deposit, cash dispensing, cash deposit/dispensing, cash recycling
- Transport speed: Max. 10 banknotes per second
- Maximum/minimum note size: 185 x 85 mm/105 x 58 mm

Cash cassettes

- Up to five cassettes
- Max. fill level per cassette: 300 mm
- Separate reject/retract cassette up to three storage compartments
- Separate cassette for counterfeit notes
- Fill-level indicator
- Scalable cassette concept: Lock, lead seal, tamper indicator, shutter and cover monitoring, cash management memory

Banknote recognition

- Banknote validation as per ECB Framework
- Fit/unfit test
- Processes up to 120 denominations simultaneously

Customer interaction

Display

- 15" TFT LCD display as standard, semi high bright, high bright
- Autoscaling function for automatic VGA, SVGA, XGA adjustment
- 8 softkeys and/or touch display

Keyboard

- EPP V6 (ZKA & PCI 1.x/2.x certified)
- Alphanumeric/EPP combi keyboard

Card processing

- Hybrid motorized – EMV 4.x Level 1 certified
 - Illuminated throat
 - Card retracted if not removed
 - Card returned if power fails
 - Preparatory kit for CIM 06
 - HiCo-write function
 - Integrated contactless reader
- Hybrid DIP – EMV 4.x Level 1 certified
- Contactless card reader (external integration/EMV 2000 certified)

Document/journal printer

- Thermal printer (dual color for document printing)
- Dot matrix printer

Audio

- Loudspeakers, headset jack with adjustable volume

Security

Cash security

- Safes: CEN L, CEN III (Gas) ECB-S, CEN IV (Gas) ECB-S
- Intruder alarm system
- Mechanical and electronic locks

Data and software security

- Secure channel
- Anti-Manipulation Card Slot
- Anti-Skimming II Module
- EPP shield (ZKA/VISA-compliant)
- Awareness mirrors
- Privacy display filter for the monitor

Identity and access control

- Intelligent operator authentication via CryptA Stick

Security monitoring

- Cash removal, portrait and ID card unit camera
- Optical Security Guard (OSG)

Multifunctionality

Check Deposit Module

- Deposit of bundles of up to 50 checks
- MICR and OCR recognition
- Metal detection

Passbook module

- Passbooks with vertical and horizontal folds
- ZeKoSa reading unit, page-turning function and last line recognition
- Retract and/or deposit compartment for passbooks and single sheets

Barcode reader

- 1D and 2D Barcodes

Coin module

- Integrated 8 fold coin out

Service

Operator panel

- 10.4" graphical color display
- Operator keyboard

Operator guidance

- User guidance via graphic animations and color guidance

Operation

Environmental conditions

- Temperature range: -40 °C to +50 °C
- Humidity: 5 % to 85 %

Technical details

- Supply voltage range: 110 – 120 V; 220 – 240 V
- Mains frequency: 50/60 Hz
- Uninterruptable Power Supply