CINEO C4080

Multifunction cash recycling system for indoor installations

Cash Cycle Management™ Solutions - Setting new standards

The CINEO C4080 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 C4080 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 C4080 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. 17" monitors and multifunctionality on a minimum footprint round off the system's features. Optimal component accessibility and a graphical user interface make the CINEO C4080 one of the world's most user-friendly 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 C4080 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. Protection is provided by the innovative security solutions from the Pro-Tect portfolio. CINEO C4080 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 NIXDORF

EXPERIENCE MEETS VISION.

Services

The CINEO C4080 comes with "Service Included": Wincor Nixdorf provides fast, professional manufacturer service. Customizable Support Packs ensure the greatest possible system availability and security worldwide through both standardized service processes and efficient remote management based on the Wincor Nixdorf eServices Platform®. Banks and retailers can thus hand over complete IT operation and control of their cash processes to Wincor Nixdorf's service organization, if they wish.

Consulting and integration

Fast and optimal business implementation - from analysis and concept design through to optimal deployment and integration in individual customer scenarios. In Professional Services from Wincor Nixdorf you find an ideal partner for implementing your retail banking process and IT strategy.

TECHNICAL DATA

General

Installation types
- Indoor, frontload or rearload
- Partly integrated, 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 four denominations
- Operating modes: Cash deposit, cash dispensing, cash deposit/dispensing, cash recycling
- Transport speed:
  Max. 10 banknotes per second for deposits/ dispenses
- Maximum/minimum note size
  185 x 85 mm/105 x 58 mm

Cash cassettes
- Up to five cassettes
- Maximum fill level per cassette
  295 mm for standard cassette
  200 mm for compact cassette
- Separate reject/retract cassette
  up to 3 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
- 17" TFT LCD display as standard, semi 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: UL 291 Level 1, CEN L, CEN III ECB-S, CEN IV ECB-S
- Intruder alarm system
- Mechanical and electronic locks

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

Multifunctionality

Cash/Check Deposit Module
- Deposit of bundles of up to 50 notes/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

Statement/informations printer
- Thermal two-color printer
- Retract function with storage compartment
- Paper type z-fold

Barcode reader
- 1D and 2D Barcodes

Coin module
- Integrated 4 and/or 8 fold coin out

Service

Operator panel
- 10,4" graphical color display
- Customer monitor tiltable for service
- Operator keyboard

Operator guidance
- User guidance via graphic animations and color guidance

Operation

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

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