

# CINEO C4040



## Cash recycling system with a very compact footprint for indoor installations

### **Cash Cycle Management™ Solutions – Setting new standards**

The CINEO C4040 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 C4040 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 C4040 is an outstanding performer, offering best-in-class technology for reliable banknote recognition and handling as well as a minimum footprint. 15" monitors and multifunctionality on a minimum footprint round off the system's features. Optimal component accessibility and a graphical user interface make the CINEO C4040 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 C4040 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 C4040 offers impressive new security features: An Anti-Manipulation Card Slot, the 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.

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## Services

Wincor Nixdorf's fast, professional manufacturer service is available as an option for the CINEO C4040 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

Wincor Nixdorf offers a 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.

Published by  
**Wincor Nixdorf International GmbH**  
Heinz-Nixdorf-Ring 1  
33106 Paderborn  
Germany  
Phone: +49 (0) 52 51 / 6 93-30  
Fax: +49 (0) 52 51 / 6 93-77 30  
info.banking@wincor-nixdorf.com  
**www.wincor-nixdorf.com**

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**Order No. R10311-J-2744-2-7600**  
Printed in Germany, June 2012

## 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 5 cassettes
- Maximum fill level per cassette  
300 mm for standard cassette  
200 mm for compact cassette
- Separate reject/retract cassette up to 3 storage compartments
- 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
- Serial number recognition
- 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: UL 291 Level 1, CEN L
- 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

#### Barcode reader

- 1D and 2D Barcodes

### 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

#### Environmental 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