



DT-7000

# H68N Series

Versatile Cash Recycler



Self-owned cash recycling technology



Serial Number Tracking



Unrivalled Innovation



Premier Security



ECB Compliance

The H68N series is comprised of cutting-edge cash recyclers, which shift heavy counter transactions to self-service zone. Cash recycling technology requires less cash replenishment volume, reduce cash in transit service frequency and therefore significantly cut down the TCO of ATM operation for banks. Designed for large volume cash processing capability, the scalable configuration of H68N series enables the machines to provide more value-added services to customers, such as currency exchange, bill payment, card dispensing, coin dispensing as well as biometric solutions.

# H68N Series Versatile Cash Recycler

## Features

**Serial Number Tracking:** With the OCR (Optical Character Recognition) technology for cash tracing and tracking, H68N series can record serial numbers of processed notes, supporting account reconciliation, fraud and cash shrinkage management for financial institutions.

**Non-stop Incentive:** H68N series can deliver value-added services like currency exchange, utility payment and coin changes dispensing in many applications to extend banking channels, and bring more profit to banks.

**Unrivalled Innovation:** Intelligent cassette exchange between H68N series and other GRG deposit machines delivers cost-effective yet advanced and secure services, realizing an end-to-end unified solution based on a multi-party management platform.

**Premier Security:** Auto cleaning of sundries and foreign objects detection design in cash slot enhance the security of transaction on the machine. Optional security cameras and DVR provide comprehensive transaction monitoring service for bank customer. GRG SECOne security solution can protect the system and files from software attack.

## Specifications

### Controlling Unit

- Intel® Core™ i3/i5/i7 3.3Ghz CPU, 4G RAM (up to 16GB)
- 500G HDD (Dual HDD support), DVD-RW
- Windows® XP / 7 / 10

### Banknote Processing Unit

- Deposit/dispensing speed: 8 notes per second
- Up to 4 recycling cassettes and 1 acceptance cassette
- Cassette capacity:
  - Recycling cassette capacity: max. 3,350 notes\*
  - Acceptance cassette capacity: max. 2,000 notes\*
- ECB Article 6 compliant

### Customer Interfaces

- Display:
  - 15" TFT color LCD with touch screen & 2\*4 function keys
  - Privacy filter (opt.)
  - Optional brightness of screen
- Keypad:
  - Motorized card reader, Hi-Co & Lo-Co track read
  - DIP card reader (opt.)
  - Contactless smart card reader/writer (opt.)
  - EMV Level 1 and Level 2 compliant

- Anti-skimming design
- Card return on power failure (opt.)
- Retract card capacity: max 30 cards (opt.)
- Printers:
  - 80mm 203DPI graphical thermal receipt printer, capture and retract supported
  - High speed dot matrix or thermal journal printer (opt.)
- 1D & 2D barcode scanner (opt.)
- ADA audio:
  - Voice guidance support
  - High quality loudspeaker and/or headset jack

### Coin Dispenser (opt.)

- Dispensing speed: 8 coins per second
- Hopper capacity: 1.86 liters \* 4 hoppers, 700-1,000 coins per hopper

### Security

- Physical:
  - Mechanical combination lock
  - Electronic lock (opt.)
  - Sonic alarm modules (opt.)
  - UL/CEN Safe
- PCI compliant EPP with PIN pad shield
- EMV Level 1 and Level 2 certified
- Electro magnetic interference device

- Biometric Authentication:
  - Palm vein reader (opt.)
  - Finger vein reader (opt.)
  - Finger print scanner (opt.)
  - Facial recognition (opt.)
- Customer awareness mirror
- DVR surveillance system (opt.)
- Transaction image capture for surveillance (opt.)
- SecOne for software and network security (opt.)
- UPS (opt.)

### Maintenance

- 10.4" LCD service panel with touch screen (available on rear access model)
- Front, rear and side access

### Communication

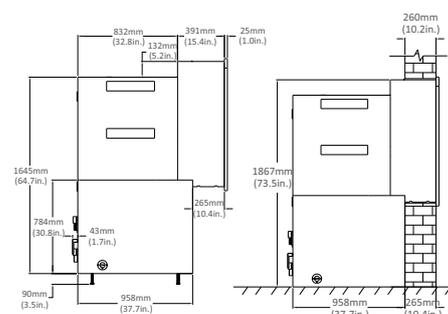
- Standard TCP-IP connection

### Working Environment

- Temperature:
  - Indoor: 32°F (0 °C) to 104°F (40°C);
  - Outdoor: -31°F (-35°C) to 122°F (50°C) (with optional heating unit)
- Relative humidity: 20% to 95% non-condensing

Items	H68N	H68NL	H68NLR	
Type	Through-the-Wall	Lobby	Lobby	
Access	Rear	Front	Rear	
Dimension (H*W*D) & Weight	UL safe	1800mm×600mm×1248mm 630kg	1674mm×490mm×1013mm 595kg	-
	CEN L safe & CEN IV safe	1820mm×670mm×1339mm 869kg (CEN L) 888kg (CEN IV)	1705mm×560mm×1084mm, 837kg (CEN L) 1705mm×560mm×1158mm, 889kg (CEN IV)	1705mm×560mm×1132mm 826kg (CEN L) 847kg (CEN IV)

\*The actual capacity is subject to the thickness and fitness of local currency.



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