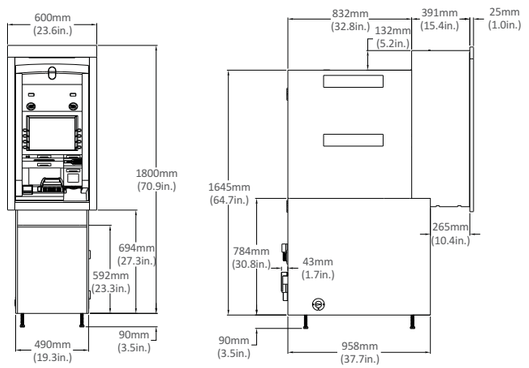
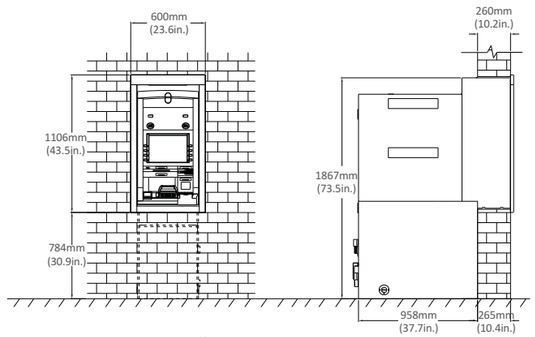
H68N Series Multi-function Cash Recycler

Items		H68N	H68NL	H68NLR
Type		Through-the-Wall	Lobby	Lobby
Access		Rear	Front	Rear
Coin Dispenser (opt.)		Yes	Yes	Yes
Card Dispensing Module (opt.)		Yes	Yes	No
Palm Vein Scanner (opt.)		Yes	Yes	Yes
Safe	Standard	UL 291 Level 1	UL 291 Level 1	CENL
	Optional	CENL / CENIV	CENL / CENIV	CENIV
Dimension & Weight	UL safe	Height: 70.9in. (1800mm) Width: 23.6in. (600mm) Depth: 49.1in. (1248mm) Weight: 1389lbs (630kg)	Height: 65.9in. (1674mm) Width: 19.3in. (490mm) Depth: 39.9in. (1013mm) Weight: 1311.8lbs (595kg)	-
	CEN L safe & CEN IV safe	Height: 71.7in. (1820mm) Width: 26.4in. (670mm) Depth: 52.7in. (1339mm) Weight: CEN L: 1915.8lbs (869kg) CEN IV: 1957.68lbs(888kg)	Height: 67.1in. (1705mm) Width: 22in. (560mm) Depth: CEN L: 42.7in. (1084mm) CEN IV: 45.59in.(1158mm) Weight: CEN L: 1845.3lbs (837kg) CEN IV: 1959.88lbs(889kg)	Height: 67.1in. (1705mm) Width: 22in. (560mm) Depth: 44.6in. (1132mm) Weight: CEN L: 1821lbs (826kg) CEN IV: 1867.29lbs(847kg)

*** Options' combination is subject to GRGBanking advice.**



Physical Dimension



Installation Dimension

GRGBanking Equipment Co., Ltd.
9,11 Kelin Road, Science City, High-tech Industrial Development Zone,
Guangzhou, China 51663
Tel: +86-20-6287 8545
Fax: +86-20-6287 9976
E-mail: atm@grgbanking.com

Copyright by GRGBanking Equipment Co., Ltd.
All rights reserved.

Specifications are subject to update without prior notice.
Please consult GRGBanking or its representative for the latest information.

www.GRGBanking.com

V201609

DT-7000

H68N Series

Multi-function Cash Recycler

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.

Your Strategy Reformation is Here!

Based on GRGBanking's over 20 years experience in currency recognition and cash processing technology development in ATM industry, we have developed the New Generation Cash Recycler series, which sets the new standard of cash processing and achieve your strategies and expectations.

Easy to Own

- Small footprint yet versatile functionalities minimize total cost of ownership.
- Designed for faster and simpler transactions, the H68N series is able to support large volume cash transactions with reliable performance.
- Intrinsic security features enhance transaction security.
- Large volume of receipt paper roll and less maintenance frequency maximize machine uptime.

Easy to Use

- User-friendly design with big screen and voice guidance enhance user experience. ADA compliant design facilitate the operation of machine for all users.
- Certified with global proven security standards, GRG provides enhanced multi-layer and physical protection solution to minimize the risk of fraud and enhance customer confidence on security.
- Auto-retract receipt printer and privacy filter protect customer privacy.

Easy to Maintain

- Front, rear and side access make it extremely easy for maintenance.
- Modular design enables the technician to fast replace failure parts within 15 minutes.
- Off-line diagnostics and error graphic guidance enable quick problem-shooting.
- The 24/7 ATM diagnosis, monitoring and management software solution enables administrators to monitor the whole cash circulation process and take precautionary measures, ensuring maximum machine uptime.

H68N

H68NL

H68NLR

H68N Series Features

Serial Number Tracking

Featured with the OCR (Optical Character Recognition) technology for cash tracing and tracking, H68N series is capable of recording the serial numbers of notes in and out of the machines, providing support for account reconciliation, fraud and cash shrinkage management for the 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.

Optimized Configuration

H68N series can be configured for cash deposit only, cash withdrawal only, cash deposit & withdrawal and cash recycling, offering zero upgrade cost solution to the banks. Flexible configuration to local regulations and transaction rules, optimal customization to meet customers' expectations.

Unrivalled Innovation

Seamless and intelligent cassette exchange between H68N series and other GRG deposit machines, delivers cost-effective yet advanced and secure service for customers.

The intelligent and unified cassette in the H68N series supports an end-to-end solution to build up 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.

H68N series is able to configure with GRG SECOne solution, which is a security software based on white list strategy to protect the system and files from software attack.

ECB Compliant

ECB Article 6 compliant, capable of note authentication, sorting and tracking subjecting to banks' requirement.

Specifications

Controlling Unit

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

Customer Interfaces

- Display:
  - -15'' TFT color LCD with touch screen & 2*4 function keys
  - -Privacy filter (opt.)
  - -Optional brightness of screen
- Keypad:
  - -Tactile 4*4 alphanumeric keypad
  - -PCI compliant EPP
- Card reader:
  - -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.)
- Receipt printer:
  - -80mm 203DPI graphical thermal printer
  - -Capture and retract capability
- Journal printer (opt.):
  - -High speed dot matrix journal printer
  - -Thermal printer
- 1D & 2D barcode scanner (opt.)
- High quality public audio and / or sound jack with volume control
- ADA audio:
  - -Voice guidance support
  - -High quality audio headset jack with adjustable volume (opt.)

Biometric Authentication

- Palm vein reader (opt.)
- Finger vein reader (opt.)
- Finger print scanner (opt.)

Banknote Processing Unit

- Deposit/dispensing speed: 8 notes per second
- Up to 4 recycling cassettes and 1 acceptance cassette
- Standard cassette capacity: max.3,000 notes*
- Optional cassette:
  - -Cassette capacity: max. 3,300 notes*
  - -Maximum inside dimension per cassette: 370mm for only dispensing function; 340mm for recycle and only depositing function
- Acceptance cassette capacity: max. 2,000 notes*
- ECB Article 6 compliant

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.)
  - -UL291 Level-1 Safe
- PCI compliant EPP
- EMV Level 1 and Level 2 certified
  - -Electro magnetic interference device
- PIN Pad shield
- 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 (unavailable on H68NL)
- Front, rear and side access

Communication

- Standard TCP-IP connection

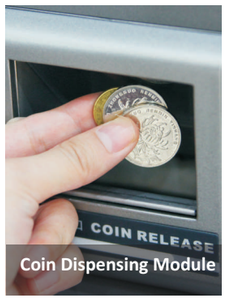
Working Environment

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

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

Barcode Scanner

Anti-Skimming Motorized Card Reader



Coin Dispensing Module

PCI EPP with PIN Pad Shield

Palm Vein Scanner