



DT-7000

H22N Series

Versatile Cash Dispenser



Intrinsic Performance



Self-developed cash processing module



Flexible Scalability



Premier Security



Optimized Design

The H22N series is comprised of compact cash dispensers delivering unparalleled easy usage and maintenance. With ergonomic and scalable features for revenue-generating services, H22N series can change your ATM from a cost center to a profit center. The continuous technological innovation of GRG makes H22N series the unrivalled machines with maximum usability and availability which fit into different scenarios.

H22N Series Versatile Cash Dispenser

Features

Intrinsic Performance: With high capacity and reliable performance, H22N series supports two options of cash processing modules according to user actual requirements. It supports maximum 14,000 notes dispensing capacity.

Flexible Scalability: With the unrivalled level of scalability, contactless card reading, bill payment and other biometric solution features can be flexibly applied on H22N series. They deliver value-added services in many scenarios for banking channel expansion.

Premier Security: Built-in anti skimming and anti-cash-trapping solutions, wide-range customer awareness mirror, biometric authentication, high resolution security cameras and DVR guarantee a more secure transaction environment for customers.

Optimized Design: Ergonomic fascia and compact structure, intuitive dispensing features combined with scalable functionalities.

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

- High-speed bulk dispenser:
 - Dispensing speed: 7 notes per second
 - Max. 100 notes per transaction
 - Up to 4 cassettes
 - Cassette capacity: max. 3,500 notes*
- Reject capacity: max. 300 notes
- Retract capacity: max. 300 notes
- OCR for note serial number recognition (opt.)

Customer Interfaces

- Display:
 - 15" TFT color LCD with optional touch screen & 2*4 function keys
 - Privacy filter (opt.)
 - Optional brightness of screen
 - Advertisement display light panel (opt.)
- Keypad:
 - Tactile 4*4 alphanumeric keypad
 - PCI compliant EPP
- Card reader:
 - Motorized card reader

- 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 loudspeaker and/or headset jack

Maintenance

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

Security

- Physical:
 - Electronic lock (opt.)
 - Mechanical combination lock
- PCI compliant EPP

- EMV Level 1 and Level 2 certified
 - Electro magnetic interference device
- PIN Pad shield
- Biometric Authentication:
 - Finger vein reader (opt.)
 - Finger print scanner (opt.)
 - Facial recognition (opt.)
- Customer awareness mirror
- DVR surveillance system (opt.)
- Transaction image capture for surveillance (opt.)
- UPS (opt.)
- SecOne for software and network security (opt.)
- Sonic alarm modules (opt.)
- UL/CEN Safe

Communication

- Standard TCP-IP connection
- Dial-up, wireless connection, SNA/SDLC and X.25 (opt.)

Working Environment

- Temperature:
 - Indoor: 32°F(0 °C) to 104°F(40°C)
 - Outdoor: 14°F(-10°C) to 122°F(50°C) (with optional heating unit)
- Relative humidity: 20% to 95% non-condensing

Items		H22N	H22NL	H22NLR	H22ND
Type		Through-the-Wall	Lobby	Lobby	Drive-up
Access		Rear	Front	Rear	Rear
Dimension (H*W*D) & Weight	UL safe	1646mm×490mm×1080mm 533kg	1673mm×490mm×865mm 524kg	1673mm×490mm×865mm 549kg	1545mm×490mm×853mm 475kg
	CEN L safe & CEN IV safe	1646mm×490mm×1080mm 625kg (CEN L) 690kg (CEN IV)	1673mm×490mm×865mm 643kg (CEN L) 708kg (CEN IV)	1673mm×490mm×865mm 668kg (CEN L) 733kg (CEN IV)	-

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

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