

DN Series™ 550VA is the latest multifunctional dual tower recirculation system designed for outdoor Through-the-Wall installation and to improve the development of a self-service banking channel. With the help of DN Series™ 550VA, you can offer even expanded functionalities and more convenient services within one system.

This ATM is powered by two of our globally proven cash engines – the 6th generation cash dispenser CMD-V6A and the 4th generation cash recycling engine RM4. For higher availability and convenience, it offers your customers more services, more connections, and more opportunities to engage when and where they need it!



Personalization

Thanks to the modern design, intuitive interface, and software solutions, the user receives a convenient self-service device through which the bank can offer personalized services.



Analysis and Data Collection

The DN AllConnectSM Data Engine module facilitates data management from different self-service devices and channels, ensuring reliable and efficient information processing and accurate data analysis.



Cutting-edge

Integrated functionality with check deposit, coin dispense, document printing, and Interactive Teller Module (ITM) can be configured when needed.



Efficiency

The ATM combines the highest deposit, recycling and dispense capacity, which allows to reduce the frequency of cash collection service visits, and also provides a high level of availability of the self-service device.



Security

A multi-layer security system implemented both at the hardware and software levels, protects the device from the most common types of physical and cyber-attacks.



More Integrated

The device is preconfigured to work with modern software that extends the functionality of the device. Such software can provide it with protection against physical and cyber-attacks and can be easily integrated into the infrastructure of a financial institution.



Options

HANDLING AND STORING CASH CASH & MEDIA RECYCLER + DISPENSER RM4V Engine (4th Generation Recycling Module)

- Deposit/Withdraw up to 300-note bundle
- 4+1 [4 recycling cassettes + 1 acceptance cassette]
- 420 mm note capacity per recycling cassette
- Recycles up to 8 denominations
- Two multipurpose bins
- Foreign object detection
- ECB banknote validation compliant

CMD-V6A Engine (6th Generation Cash & Media Dispenser)

- Dispense up to 110-note bundle
- Up to 4 cassettes
- 340 mm note capacity per cassette
- Retract/reject bin or cassette with partition

Check Deposit Module

- Deposit up to 30 checks in a bundle
- 4-way MICR + OCR recognition
- Up to 126 mm bin capacity
- Retract bin up to 30 items

Coin Module

- Coin dispense 4-hopper capacity

INTERACTIVE TELLER MODULE¹

ID reader

- Dip hybrid card reader
- Can be operated with cards in accordance with ISO 7810 sized ID-1 and smart cards in accordance with ISO 7816
- EMV Level 1 approved
- Reads magnetic strips 1,2,3 according to ISO/ IEC 7810, 7811, 7813
- LoCo & HiCo cards
- Chip card reading and writing according to ISO/ IEC 7816/ 1-3

Passport/ ID scanner

- Captures high-resolution images in multiple wavelengths (visible, IR, UV)
- Reads MRZ from ICAO 9303

compliant documents, including passports, e-passports, ID cards, visas, and ISO 18013 compliant driving licenses

- ISO 14443 contactless RFID reader/writer supports ICAO LDS standards, including BAC, PA, AA EAC, SAC
- Reads 1D/2D barcodes from smartphones, tablets & paper
- Operates without external power supply using USB 3.0
- Optional expansion dock provides contact smart card & MSR reading, 2 additional USB ports, and 2 SAM modules

Signature pad

- 5-inch (800x480 pixels) thin and light, color LCD signature pad
- Hardened cover glass with anti-glare treatment provides a signing surface with a natural paper-like feeling
- Connection via USB
- VCP mode is supported for virtual computing environment
- Highest level of security with state-of-the-art encryption (AES256/ RSA2048 encryption)

Wireless handset

- Modular and compact design
- Auto locking and detection of the wireless handset
- Alarm integrated when connection is lost with the base station (terminal)
- Range: ± 15m
- Battery autonomy of 50 transactions for chats of 5 minutes or 4 conversations of one hour
- Battery recharged in approx. 4 hours
- Wireless radio signal of 2.4 GHz ISM

ENHANCED SECURITY

Physical

- Portrait, cash slot, and environmental surveillance cameras
- Security Safes: CEN I, CEN III GasEx, CEN IV GasEx
- Basic or ActivGuard® alarm options

- Anti-fraud system design
- Electronic or mechanical safe locks
- Anti-cash trapping sensor

Data

- Consumer awareness mirrors
- Encrypting PIN pad
- PIN pad shield
- Anti-skimming options: Secure Pack 1, 2, 3

Cyber

- Trusted Device Communication
- Basic Endpoint Security
- CryptTA Stick secure service access
- DN Vynamic™ Security Suite
- Trusted Platform Module (TPM)

Display

- 15" or 19" multitouch screen
- Vandal-resistant display
- Standard or high-bright LCD
- Privacy filter

PC Specifications

- Intel® Celeron, i3, or i5
- Intel® Active Management Technology (AMT)
- Hard disk or solid-state drive
- DVD drive

Client Interaction

- Compliant with regional height and reach requirements
- Headphone or headset jack
- User guide lights

Authentication

- EMV motorized, dip and/or contactless card readers
- Barcode scanner 1D/2D
- Fingerprint reader

Printers

- 80 mm thermal receipt printer
- Journal printer
- A4 statement printer

Configuration

- Rear load
- Integrated with DN AllConnect ServicesSM Architecture

System Software

- ProBase/C 1.4
- Windows® 7 and 10

Functional Software

- DN Vynamic Software Suite
- .iQ Family Software Solutions

Dimensions (HxWxD)

- 1475 mm x 930 mm x 1288 mm

