

Built to Connect. Built for More.™

Transform the way your customers bank with the DN Series 550VA Dual Tower Cash Recycler.

This through-the-wall ATM is not just powered by two of our globally proven cash engines – the 6th generation cash dispenser CMD-V6A and 4th generation cash recycling engine RM4V – but also offers expanded functionalities within one system ; for higher availability and more convenience : offer your customers more services, more connections and more opportunities to engage when and where they need it.



More Personalized

Engaging, consistent, research-based design coupled with powerful Vynamic® Marketing enables you to personally connect with consumers at the intersection of physical and digital channels.



More Integrated

A common platform supported by leading software and services ensures more seamless integration into your organization's channel ecosystem.



More Available

DN AllConnect™ Data Engine, an intelligent data-driven service architecture, maximizes the availability of the globally-proven, 6th generation dispensing & 4th generation cash recycling module.



More Efficient

Operate your cash ecosystem as efficiently as possible through the highest deposit, recycling and dispense capacity in the market.



More Future-Ready

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



More Secure

Layered security features protect against traditional and emerging physical, data and cyber threats.



System Options

CASH & MEDIA RECYLER + 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 Dispenser

- Coin dispenser 4-hopper capacity

INTERACTIVE TELLER MODULE ¹

ID reader

- Dip hybrid card reader
- Can be operated with cards in accordance with ISO 7810 sized ID-1 and smart card in accordance with ISO 7816
- EMV Level 1 approved
- Reads magnetic strip 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

¹ Not available in initial release

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 for one hour
- Battery recharged in approx. 4 hours
- Wireless radio signal of 2.4 GHz ISM

ENHANCED SECURITY

Physical

- Portrait, cash slot and environmental camera
- 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
- Comprehensive anti-skimming features

Cyber

- Trusted device communication
- Basic endpoint protection
- 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

Processor

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

Accessibility

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

ID Devices

- 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

Serviceability

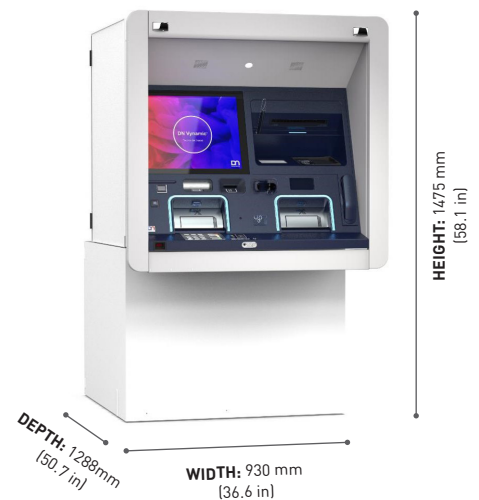
- Rear load
- Integrated with DN AllConnect Services Architecture

Platform Software & Operating System

- ProBase/C 1.4
- Windows® 7 and 10

Application Software

- Vynamic Software Suite



Dimensions (HxWxD)

1475 mm x 930 mm x 1288 mm
(58.1 in x 36.6 in x 50.7 in)

See installation manual for other configurations and installation parameters

*Components and technologies vary by region and are subject to availability



To learn more, visit DieboldNixdorf.com.