

# Access to cash everywhere, for everyone, all the time

# Global electronic payment solution by Exatec Group

Products and services catalogue 2021:

ATM in all their aspects

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# Who we are?

# Exatec Group, 20 years of multi-vendor experience



Our core business is based on new and refurbished cash dispensers. Generally our machines handle cash, deposits, consultations or payments.

We provide banking hardware, software solutions and services for their implementation and maintenance, as well as all associated options and consumables. We have several hundred machines in stock, new and refurbished, to meet all the needs of our customers such as banks, manufacturers, money transporters, processors, resellers, but also with micro-finances, maintainers, deployers, repairers, brokers, etc

All these market actors play different roles from one country to another and our teams achieve the feat of adapting to each. Our teams offer fully refurbished ATMs in its factory, whether they are Hyosung TNS, Diebold Nixdorf, NCR, etc.



## International

85% of our turnover comes from exports. This international dimension was not born by chance but from a deliberate desire to address the greatest number of customers and countries. Exatec Group has developed its activity on all continents, and mainly in the EMEA zone (Europe, Middle East, Africa).

We operate in over 100 countries, directly or indirectly. We juggle daily with time zones, languages, currencies, customs procedures, local regulations and practices, etc. Exatec Group operates in different ways, sometimes directly, sometimes with local subsidiaries, partners or resellers.

# 85% for export | 50 % in Africa

The key to international success is exemplary product quality, combined with a high degree of flexibility, both commercially, to adapt to the needs of each customer, and logistically and administratively, to suit all customs and logistic constraints, whatever the country.

## **Our partners**

Nous sommes également revendeur et intégrateur des logiciels multivendors développés et certifiés par Tas Group. Depuis cette belle rencontre, nous avons déployé de nouveaux services sur des centaines d'automates à travers le monde, tels que Mobile money, DCC, monitoring, etc..



Hyosung TNS, the world's 3rd largest manufacturer of ATM, has demonstrated its banking know-how for more than 40 years by multiplying innovations and designing tomorrow's technologies, in line with customers' expectations.

To further its international development, Hyosung TNS has signed a distribution and partnership agreement with Exatec Group to develop the brand in many countries where Exatec Group has many years of experience in order to conquer the African market.



# **Complete cash dispenser**

We offer our customers four ranges with outstanding performance: Hyosung TNS with the Monimax range, Diebold Nixdorf with the Cineo range and Opteva and NCR with the SelfServ range.



#### The configuration of each model includes, as standard:

- 4-Cassette Distribution Module
- 4 configurable cassettes
- 1 reject cassette
- Thermal ticket printer
- Card reader
- Encrypted keyboard
- PC for Windows 10
- 15 to 19 inch LCD screen
- Side function keys, touch screen
- Operator interface
- Repainted front panel for island controllers
- SafeType UL 291 / Cen L / Cen 3

Exatec Group has enriched and developed its processes throughout its 20 years of experience to dismantle, test, repair, renovate and validate the different elements that make up an ATM. Each product is tracked by barcode, from origin to shipment, through storage and technical interventions, in order to guarantee the best quality to our customers, giving us complete and perfect traceability.

Particular care is taken in packaging operations, using anti-static protection for all electronic equipment, and using quality cardboard and cushioning to ensure that our products do not suffer during transport.



# **Hyosung TNS**

Monimax, the brand new range of ATMs from the Korean giant.





# Africa as a target

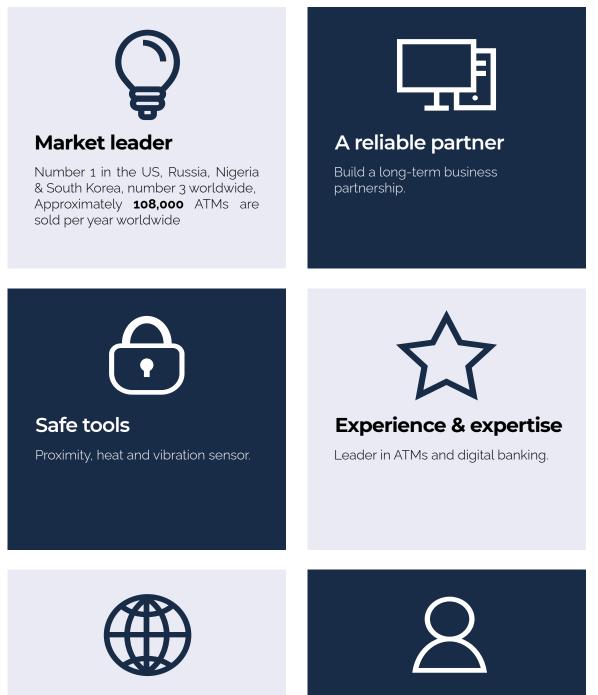
Hyosung has been developing its ATM division for over 40 years. Over the years, Hyosung has grown its Research & Development department to develop its range of ATMs as widely as possible with innovative and powerful features. As a result, all cash handling modules are developed and produced by Hyosung, from the dispensing module to the recycling module and deposit functionality.

Hyosung is extremely well placed to appeal to the African market. Its wide range and performance of machines are perfect for the difficult operating conditions and very low quality of banknotes in Africa. As a result, Hyosung has set its sights on Nigeria to become the country's new benchmark, with thousands of machines installed, handling millions of transactions per month.

# Exatec Group, partner in African development

Through Hyosung France, we have worked with Hyosung TNS to establish an authorised distributor agreement for a large part of the African continent. This Africa-focused contract perfectly complements our portfolio of solutions and allows us to better cover all our customers' needs.

# Why Hyosung TNS?



R&D

Innovation is at the heart of Hyosung TNS' technical development.

# **Customer** focused

Offers the solution according to the customer's business strategy and operating area.

Monimax



# **Brand new cash dispenser Monimax 5600S**

## "Outstanding Returns with your ATM"

**Absolute Reliability.** The Monimax 5600S is designed to provide second to none reliability in the market with the highest uptime (99.7% or higher) and optimized dispensing performance. It is equipped with the most reliable components including a higher capacity Cash Dispenser Unit, faster dispensing technology and robust system design and configuration against vandalism. The best in class dispensing technology of the Monimax 5600S guarantees maximum availability and security.

**Maximum Efficiency.** The Monimax 5600S is designed to maximize the efficiency of installation and operation with minimum maintenance needs. The remarkable compact footprint allows for simple manufacturing process, logistics, installation and maintenance with the smallest service clearance requirement. It is also an energy efficient solution with low energy LED lighting, low power consumption, less cabling and consumable usage. Monimax 5600S enables you to reduce the total cost of ownership and environmental impact.

**Ultimate Usability.** Monimax 5600S is intuitively designed to provide a seamless self-service experience for customers. The modern and sleek design with 15" touch screen attracts more customers and drives more interactions. It offers value added functionalities featuring bill payment, funds transfer, mobile top-up in a highly user friendly interface as well as mobile-enabled cash transaction via contactless card reader for maximum convenience and easy transition.



5600S



## Also available on through the wall version (Monimax 5600ST)

Hyosung is dedicated to making technology works for the humans who use it. We provide solutions that simply work better and more intuitively. Every ATM product, service and support system is engineered to be reliable and flexible. We listen to our customers and constantly improve our offerings to reflect their input. We bring that innovation to banking. It is this commitment to Human Technology that has made us a dependable partner and global leader in the ever-changing world of banking.



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# Monofunction

# Value delivered 5600S

System Platform

· Microsoft® Windows® 7 or above · CEN / XFS 3.10 or later

#### Communication

· TCP / IP · Wireless (Optional)

Display · 15" color TFT LCD · Privacy filter (Optional)

#### Input Type

- Touch screen or Function Keys
- · PCI compliant EPP, T-DES, DES, RSA

#### Security

- · Safes - UL 291 Level 1
- CEN (Optional)
- · Lock
- Mechanical combination lock,
- Electronic lock, KABA Mas cencon lock
- · Two security cameras for face and hand (Optional)
- Fingerprint reader (Optional)

#### **Card Reader**

- Motorized hybrid card reader
- EMV level 1, 2 compliant
- · Dip hybrid card reader (Optional)
- Anti-skimming device (Optional)
- · Contactless card reader (Optional)

#### **Cash Dispenser**

- · Maximum fill level 350mm per cassette
- · Up to 4 cassettes
- · Bundle presenter
- Bundle retraction
- · Note by note rejection

#### Printers

·Graphical thermal printer ·Journal Printer (Optional)

#### **Additional Features**

- · Barcode reader (Optional)
- Proximity Sensor (Optional)
- · Audio jack, Speaker
- · Lead-through indicator

#### Power Supply

· AC 110 ~ 240V, 50 ~ 60Hz ·Backup battery (reserving last transaction & safe shutdown)

#### **Environmental Conditions**

 Temperature 0°C ~ 40°C (32°F ~ 104°F) · Humidity 20% ~ 85%

#### Dimensions

· Height : 1,440mm (56.7")

· Width : 460mm (18.1") · Depth : 779mm (30.7")

· Weight : 370kg (816 lbs)

Internal components may change with introduction of new technology. Hyosung TNS. reserves the right to change the specifications of this ATM to accommodate the changes in technology.

#### Camera for face capture

Barcode reader (Optional)

**EMV compliant Card Reader** Anti-skimming (Optional)

**Biometric reader (Optional) Fingerprint reader** 

Audio jack ADA compliant



**TTW Rearload** 



Security Mirror

**Receipt Printer** 

PCI compliant

**Encrypted PIN Pad** 

up to 4 cassettes 50 notes per transaction **Enhanced Security Features** Safes : UL 291, CEN

Alarm package

Intuitive user interface 15" TFT LCD

Touchscreen / Function Keys

**Contactless Card reader (Optional)** 

Two security cameras for face and hand (Optional)

Advanced New Cash dispenser

Speaker



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EMVCO









# Brand new cash dispenser Monimax 5600ST

## "Outstanding Returns with your ATM"

Absolute Reliability. The Monimax 5600ST is designed to provide second to none reliability in the market with the highest uptime (99.7% or higher) and optimized dispensing performance. It is equipped with the most reliable components including a higher capacity Cash Dispenser Unit, faster dispensing technology and robust system design and configuration against vandalism. The best in class dispensing technology of the Monimax 5600ST guarantees maximum availability and security.

Maximum Efficiency. The Monimax 5600ST is designed to maximize the efficiency of installation and operation with minimum maintenance needs. The remarkable compact footprint allows for simple manufacturing process, logistics, installation and maintenance with the smallest service clearance requirement. It is also an energy efficient solution with low energy LED lighting, low power consumption, less cabling and consumable usage. Monimax 5600ST enables you to reduce the total cost of ownership and environmental impact.

Ultimate Usability. Monimax 5600ST is intuitively designed to provide a seamless self-service experience for customers. The modern and sleek design with 15" touch screen attracts more customers and drives more interactions. It offers value added functionalities featuring bill payment, funds transfer, mobile top-up in a highly user friendly interface as well as mobile-enabled cash transaction via contactless card reader for maximum convenience and easy transition.



HYOSUNG TNS



## Also available on lobby version (Monimax 5600S)

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Exatec Group - Hyosung MX 5600ST - En - 20 11 01

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# Monofunction

# Value delivered 5600ST

#### System Platform

· Microsoft® Windows® 7 or above · CEN / XFS 3.10 or later

#### Communication

- · TCP / IP
- · Wireless (Optional)

Display

- 15" color TFT LCD
- Privacy filter (Optional)

#### Input Type

- · Touch screen or Function Keys
- · PCI compliant EPP, T-DES, DES, RSA

#### Security

- Safes
- UL 291 Level 1 - CEN (Optional)
- · Lock
- Mechanical combination lock, Electronic lock, KABA Mas cencon lock
- · Two security cameras for face and hand (Optional)
- · Fingerprint reader (Optional)

- **Card Reader**
- · Motorized hybrid card reader
- · EMV level 1, 2 compliant
- · Dip hybrid card reader (Optional)
- Anti-skimming device (Optional)
- · Contactless card reader (Optional)

#### **Cash Dispenser**

- · 3,000 notes cassettes
- · Up to 4 cassettes
- Bundle presenter
- Bundle retraction
- · Note by note rejection
- · Automatic shutter

#### Printers

- ·Graphical thermal printer
- ·Journal printer (Optional)

#### **Additional Features**

- Barcode reader (Optional)
- · Proximity Sensor (Optional)
- · Audio jack, Speaker
- · Lead-through indicator
- VFD (Vaccum fluorescent display)

#### **Power Supply**

· AC 110 ~ 240V, 50 ~ 60Hz ·Backup battery (reserving last transaction & safe shutdown)

#### **Environmental Conditions**

 Temperature 0°C ~ 40°C (32°F ~ 104°F) · Humidity 20%~85%

#### Dimensions

· Height : 1,475mm (58.1")

- Width : 465 (18.3")
- · Depth : 1,100 (43.3") · Weight : 460kg (1,014 lbs)

Internal components may change with introduction of new technology. Hyosung TNS. reserves the right to change the specifications of this ATM to accommodate the changes in technology.

Intuitive user interface 15" TFT LCD Touchscreen / Function Keys

**Receipt Printer** 

**Encrypted PIN Pad** 

**Contactless Card reader (Optional)** Advanced New Cash dispenser up to 4 cassettes 50 notes per transaction Camera for hand capture



Camera for face capture

Barcode reader (Optional)

**EMV compliant Card Reader** Anti-skimming (Optional)

**Biometric reader (Optional) Fingerprint reader** 

Audio jack ADA compliant

**Enhanced Security Features** Safes : UL 291, CEN Two security cameras for face and hand (Optional) Alarm package

CE 📑 Windows 10



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PCI compliant

Speaker Security Mirror



# **Cash Dispenser offering highest availability**

MXS800 is a brand-new cash dispenser offering highest availability and allowing flexibility in a broad range of services.

## Intuitive enabling technology

A 19inch multi-touch screen and intuitive user interface that enable a truly seamless omni chancel customer experience. Multiple customer authentification options including contactless and biometrics deliver consistency in channel experiences. Furthermore, the aesthetic design and ergonomic layout of the MX5800 will seize the moment of truth for consumers.

## **Highest Availability**

MX5800 is designed to provide reliability that is unequaled in the market with maximum uptime and minimum maintenance.

## Flexibility

MX5800 allows for easy future upgrades and module modifications. It delivers expanded functionality includes bill payment, funds transfer, and teller assist services for maximum efficiency and convenience.

## **Robust Security**

MX5800 pffers multi-layers of security features that defend against physical and logical attacks with a combination of multi-level anti-skimming, anti-shimming, anti-cash trapping, locked down operating system, white-listing, encryption and anti-jackpotting.

# Also available on through the wall (5800T)



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#### 5800

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# Monofunction

# Value delivered 5800

#### System Platform

Microsoft® Windows 10

#### **Customer Interface**

- · 15 inch or 19 inch
- (P-CAP touch screen)
- · PIN Pad PC KEY CAP EPP (PCI Compliant)
- · Card Reader Motorized (USB interface)
- Privacy filter viewing angle 30°

#### Printer

- · Receipt printer: Graphical thermal printer
- Journal printer: Direct thermal line printing

#### Media Technology

- · Card Reader
- Motorized hybrid card reader
- EMV Level-1.2
- Anti-skimming device
- NFC card reader (RF)

#### **Cash Dispenser**

4 cassettes

- (Maximum fill level 346mm per cassette)
- 50 notes per transaction
- · Reject and retract capability
- Automaic shutter

#### Security

- · UL 291 Level 1
- Combo-lock + Key lock (Common key)
- · Door sensor (Safety, Upper)
- · Security camera (Face & Hand)
- Anti-skimming, Anti card trapping

#### Servicing

·Front access (Rear access optional)

#### Additional Features

- Barcode reader
- Finger print Heater
- · Proximity sensor

#### **Power Supply**

- · AC 100V~240V, 47~ 63Hz
- Backup battery

#### **Environmental Conditions**

- Temperature: 0°C~40°C (32°F~104°F)
- Humidity: 25%~86%

#### Dimensions

- · Height : 1,513mm (59.6 inch)
- · Width : 470mm (18.5 inch)
- Depth: 847mm (33.3 inch)
- · Weight : 497kg (1,096 lbs)

Internal components may change with introduction of new technology. Hyosung TNS. reserves the right to change the specifications of this ATM to accommodate the changes in technology.



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# **Cash Dispenser offering highest availability**

#### MXS800T is a brand-new cash dispenser offering highest availability and allowing flexibility in a broad range of services.

#### Intuitive enabling technology.

A 19inch multi-touch screen and intuitive user interface that enable a truly seamless omni chancel customer experience. Multiple customer authentification options including contactless and biometrics deliver consistency in channel experiences. Furthermore, the aesthetic design and ergonomic layout of the MX5800T will seize the moment of truth for consumers.

## Highest Availability.

MX5800T is designed to provide reliability that is unequaled in the market with maximum uptime and minimum maintenance.

#### Flexibility.

MX5800T allows for easy future upgrades and module modifications. It delivers expanded functionality includes bill payment, funds transfer, and teller assist services for maximum efficiency and convenience.

#### **Robust Security.**

MX5800T pffers multi-layers of security features that defend against physical and logical attacks with a combination of multi-level anti-skimming, anti-shimming, anti-cash trapping, locked down operating system, white-listing, encryption and anti-jackpotting.

# Also available on lobby version (5800)





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# Value delivered 5800T

#### System Platform

· Microsoft® Windows 10

#### **Customer Interface**

- · 15 inch or 19 inch
- (P-CAP touch screen)
- PIN Pad PC KEY CAP EPP
- (PCI Compliant)
- Card Reader Motorized (USB Interface)
- Privacy filter viewing angle 30°

#### Printer

- Receipt Printer : Graphical thermal printer
- · E-journal or thermal line printer

#### Servicing

· Rear access optional

#### Media Technology

- · Card Reader · Motorized hybrid card reader
- EMV Level-1.2
- · Anti-skimming device
- NFC card reader (RF)

#### **Cash Dispenser**

- · 4 cassettes (Maximum fill level 346mm per cassette)
- 50 notes per transaction
- · Reject and retract capability
- · Automaic shutter

#### Security

- · UL 291 Level 1
- Combo-lock + Key lock (Common key)
- · Door sensor (Safety, Upper)
- Security camera (Face & Hand)
- · Anti-skimming, Anti card trapping

#### Additional Features

- Barcode reader
- · Fingerprint reader
- Heater
- · Proximity Sensor
- Coin Dispenser (optional)
- Up to 4 hoppers

#### **Power Supply**

- AC 110 ~ 240V, 50 ~ 60Hz
- Backup battery

#### **Environmental Conditions**

- Temperature: 0°C ~ 40°C (32°F ~ 104°F)
- · Humidity: 20% ~ 85%

#### Dimensions

- · Height: 1,702mm (67.0 inch)
- · Width: 604mm (23.8 inch)
- Depth: 820mm (32.3 inch)
- · Weight: 499kg (1100 lbs.)

Internal components may change with introduction of new technology. Hyosung TNS. reserves the right to change the specifications of this ATM to accommo-



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# Recycling

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# Brand new cash dispenser Monimax 8600S

#### Makes a "real" difference in your Total Cost of Ownership

**OPTIMAL-to-install Solution.** Monimax 8600S is designed to maximize flexibility that supports its deployment in a variety of strategic locations. Due to its compact footprint, it fits to diverse environments and is perfectly substitutive to legacy cash dispensers. Moreover, the slim and sleek design of Monimax 8600S enhances the space efficiency of the branch.

EFFICIENT-to-operate Solution. Monimax 8600S is engineered with reliability that proves highest availability and its optimal performance. Monimax 8600S is powered by the latest cash recycling technology as well as improved fraud prevention technology. Furthermore, Monimax 8600S helps financial institutions to increase the benefits of cash optimization in branch. The transit cassette available in the unit can offload and replenish the machine without exposing cash from the safe that improves efficiency and enhances security.

EASY-to-maintain Solution. Monimax 8600S is configured for greater serviceability that reduces service frequency and lowers maintenance costs. Monimax 8600S offers better visibility and accessibility to units that make repair services easy and quick. Paired with Hyosung TNS monitoring software 'Monimanager', financial institutions enable to do more efficient preventive maintenance on their ATMs.

GREAT Value-added Solution. With 19" touch screen, the modern and sleek design of Monimax 8600S allows more intuitive user interface and effective marketing. Monimax 8600S presents great usability that fulfills transaction with ease and convenience by leveraging the latest technology such as contactless, biometric, mobile-payment, and so on. In addition, the Monimax 8600S green technology provides more value to customers and drives down costs.







## Also available on through the wall (Monimax 8600ST)

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# ONIMAX 8600S

#### System Platform

Microsoft® Windows® 7 platform; Windows®10 · CEN/XFS 3.10 or later

#### Communication · TCP/ IP, Wireless, X25

Display • 15"/ 19" color TFT LCD Privacy filter (Optional)

- Input Type Touch screen or Function Keys
- · PCI compliant EPP, T-DES, DES, RSA

#### Security

- · Safes
- UL 291 Level 1, CEN safe (Optional) · Lock
- Mechanical combination lock,
- Electronic lock, KABA Mas cencon lock · Two security cameras for face and hand (Optional)
- · Fingerprint / Palm Vein Reader (Optional)

#### **Card Reader**

- · Motorized hybrid card reader
- EMV level 1,2 compliant
- Anti-skimming device (Optional)
- · Contactless card reader (RF) (Optional)

#### **Cash Handling**

- · Maximum fill level 313 mm per cassette
- Up to 7 recycling cassettes
   300 notes per transaction\*
- (Dispense & Deposit)
- · Reject and retract capability

#### Printers

· Graphical thermal receipt printer Journal printer (Optional)

#### **Additional Features**

- · Lead-through indicator
- · 2D barcode reader (Optional)
- · Audio jack, Speaker

#### **Power Supply**

AC 100 ~ 240V, 50 ~ 60Hz Backup battery (reserving last transaction & safe shutdown)

#### **Environmental Conditions**

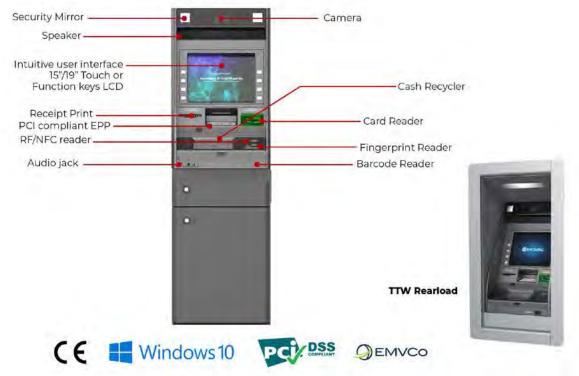
- Temperature 0°C ~ 50°C
- · Humidity 25% ~ 86%

#### **Dimensions (UL Level 1)**

- Height : 1,490mm (58.6") Width : 460mm (18.1")
- · Depth : 995mm (39.1")
- Weight 520kg (1,146 lbs)

Internal components may change with introduction of new technology. Hyosung TNS reserves the right to change the specifications of this ATM to accommodate the changes in technology.

\* Subject to note quality and other variables



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· Automatic audit capability with a transit cassette · Automatic shutter

# Recycling

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# Brand new cash dispenser Monimax 8600ST

## Makes a "real" difference in your Total Cost of Ownership

**OPTIMAL-to-install Solution.** Monimax 8600ST is designed to maximize flexibility that supports its deployment in a variety of strategic locations. Due to its compact footprint, it fits to diverse environments and is perfectly substitutive to legacy cash dispensers. Moreover, the slim and sleek design of Monimax 8600ST enhances the space efficiency of the branch.

**EFFICIENT-to-operate Solution.** Monimax 8600*ST* is engineered with reliability that proves highest availability and its optimal performance. Monimax 8600*ST* is powered by the latest cash recycling technology as well as improved fraud prevention technology. Furthermore, Monimax 8600*ST* helps financial institutions to increase the benefits of cash optimization in branch. The transit cassette available in the unit can offload and replenish the machine without exposing cash from the safe that improves efficiency and enhances security.

**EASY-to-maintain Solution.** Monimax 8600ST is configured for greater serviceability that reduces service frequency and lowers maintenance costs. Monimax 8600ST offers better visibility and accessibility to units that make repair services easy and quick. Paired with Hyosung TNS monitoring software 'Monimanager', financial institutions enable to do more efficient preventive maintenance on their ATMs.

**GREAT Value-added Solution.** With 19" touch screen, the modern and sleek design of Monimax 8600ST allows more intuitive user interface and effective marketing. Monimax 8600ST presents great usability that fulfills transaction with ease and convenience by leveraging the latest technology such as contactless, biometric, mobile-payment, and so on. In addition, the Monimax 8600ST green technology provides more value to customers and drives down costs.







## Also available on lobby version (Monimax 8600S)

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# Value delivered 8600ST

#### System Platform

· Microsoft® Windows® 7 platform; Windows®10 · CEN/XFS 3.10 or later

#### Communication · TCP/ IP, wireless, X25

Display • 15"/ 19" color TFT LCD Privacy filter (Optional)

#### Input Type

Touch screen or Function Keys PCI compliant EPP, T-DES, DÉS, RSA

#### Security

- · Safes UL 291 Level 1, CEN safe (Optional)
- · Lock - Mechanical combination lock,
- Electronic lock, KABA Mas cencon lock
- Two security cameras for face and hand (Optional) · Fingerprint / Palm Vein Reader (Optional)

#### **Card Reader**

- · Motorized hybrid card reader
- EMV level 1,2 compliant
- Anti-skimming device (Optional)

#### Contactless card reader (RF) (Optional)

#### **Cash Handling**

- Maximum fill level 313 mm per cassette
- Up to 5 recycling cassettes
- 300 notes per transaction\*
- (Dispense & Deposit)
- · Reject and retract capability
- · Automatic audit capability with a transit
- cassette Automatic shutter

#### Printers

- · Graphical thermal receipt printer
- · Journal printer (Optional)

#### **Additional Features**

- Lead-through indicator
- · 2D barcode reader (Optional) · Audio jack, Speaker

#### **Power Supply**

AC 100 ~ 240V, 50 ~ 60Hz · Backup battery (reserving last transaction & safe shutdown)

#### **Environmental Conditions**

- Temperature 0°C ~ 50°C
- · Humidity 25% ~ 86%

- Height : 1,490mm (58.6") Width : 460mm (18.1")
- · Depth : 995mm (39.1") Weight 520kg (1,146 lbs)

Internal components may change with introduction of new technology. Hyosung TNS reserves the right to change the specifications of this ATM to accommodate the changes in technology.

\* Subject to note quality and other variables



Contact your authorized Hyosung TNS INC. distributor for more information

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Address : 693 Avenue de Saint-Roman, 06500 Menton - FRANCE Tel: +33 (0)4 93 28 18 09 - www.exatec-group.com

**Dimensions (UL Level 1)** 

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Monimax

8700S

# **Full function**



## Advanced Multi-Function ATM with CashRecycling Capability

## Makes a "real" difference in your Total Cost of Ownership

Unsurpassed Flexibility. Monimax 8700S offers multiple options from cash dispensing, to cash deposit and cash recycling. All 5 cassettes can be operated independently in dispense, deposit or recycling mode to enable optimum utilization of the cassettes for an effective ATM operation based on the environment.

EFFICIENT-to-operate Solution. Monimax 8700S is engineered with reliability that proves highest availability and its optimal performance. Monimax 8700S is powered by the latest cash recycling technology as well asimproved fraud prevention technology. Furthermore, Monimax 8700S helps financial institutions to increase the benefits of cash optimization in branch.

EASY-to-maintain Solution. Monimax 8700S is configured for greater serviceability that reduces service frequency and lowers maintenance costs. Monimax 8700S offers better visibility and accessibility to units that make repair services easy and guick. Paired with Nautilus Hyosung monitoring software Monimanager, financial institutions enable to do more efficient preventive maintenance on their ATMs.

GREAT Value-added Solution. With 15"/ 19" touch screen. the modern and sleek design of Monimax 8700S allows more intuitive user interface and effective marketing. Monimax 8700S presents great usability that fulfills transaction with ease and convenience by leveraging the latest technology such as contactless, biometric, mobile-payment, and so on. In addition, the Monimax 8700S' green technology provides more value to customers and drives down costs.





# Also available on through the wall (Monimax 8700ST)

Hyosung is dedicated to making technology work for the humans who use it. We provide solutions that simply work better and more intuitively. Every ATM product, service and support system is engineered to be reliable and flexible. We listen to our customers and constantly improve our offerings to reflect their input. We bring that innovation to banking. It is this commitment to Human Technology that has made us a dependable partner and global leader in the ever-changing world of banking.



EXATEC GROUP proud authorised distributor of HYOSUNG TNS

# **Full function**

# Value delivered 8700S

#### System Platform

- Microsoft® Windows® 7 / 10
- CEN / XFS 3.10 or later

#### Communication

TCP / IP · Wireless (Optional)

- Display • 15"/ 19" color TFT LCD
- Privacy filter (Optional)

#### Input Type

- Touch screen or Function Keys
- PCI compliant EPP, T-DES, DES, RSA

#### Security

- Safes UL 291 Level 1
- Lock
- Mechanical combination lock, Electronic lock, KABA Mas cencon lock
- · Two security cameras for face and hand (Optional)
- Fingerprint reader (Optional)

#### **Card Reader**

- Motorized hybrid card reader
- EMV level 1, 2 compliant
- Dip hybrid card reader (Optional)
- Anti-skimming device (Optional)
- Contactless card reader (Optional)

- Cash Recycler Maximum fill level 313mm per cassette
- Up to 5 recycling cassettes
- 300 notes per transaction\*
- (Dispense & Deposit)
- Reject and retract capability
- (Maximum fill level 330mm reject cassette)
- Automatic audit capability
- Banknote recognition and validation

#### **Cash Dispenser**

- Maximum fill level 350mm per cassette
- Up to 5 cassettes
- **Bundle presenter**
- **Bundle retraction**
- Note by note rejection

#### Printers

- · Graphical thermal printer
- · Journal printer (e-Journal available as default)

#### **Additional Features**

- Barcode reader (Optional)
- Proximity Sensor (Optional)
- Audio jack, Speaker
- Lead-through indicator

#### **Power Supply**

- AC 100 ~ 240V, 50 ~ 60Hz
- Backup battery (reserving last transaction & safe shutdown)

#### **Environmental Conditions**

 Temperature 0°C ~ 40°C (32°F ~ 104°F) Humidity 20%~85%

#### Dimensions

- Height : 1,460mm (57.5")
- Width : 869mm (34.2")
- Depth : 987mm (38.9")
- Weight : 750kg (1,653 lbs)

Internal components may change with introduction of new technology. Nautilus Hyosung reserves the right to change the specifications of this ATM to accommodate the changes in technology.



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# **Full function**



# Brand new full function ATM Monimax 8700ST

Makes a "real" difference in your Total Cost of Ownership

**Unsurpassed Flexibility.** Monimax 8700ST offers multiple options from cash dispensing, to cash deposit and cash recycling. All 5 cassettes can be operated independently in dispense, deposit or recycling mode to enable optimum utilization of the cassettes for an effective ATM operation based on the environment.

**EFFICIENT-to-operate Solution.** Monimax 8700ST is engineered with reliability that proves highest availability and its optimal performance. Monimax 8700ST is powered by the latest cash recycling technology as well asimproved fraud prevention technology. Furthermore, Monimax 8700ST helps financial institutions to increase the benefits of cash optimization in branch.

**EASY-to-maintain Solution.** Monimax 8700ST is configured for greater serviceability that reduces service frequency and lowers maintenance costs. Monimax 8700ST offers better visibility and accessibility to units that make repair services easy and quick. Paired with Hyosung TNS monitoring software 'Monimanager', financial institutions enable to do more efficient preventive maintenance on their ATMs

**GREAT Value-added Solution.** With 15"/ 19" touch screen, the modern and sleek design of Monimax 8700ST allows more intuitive user interface and effective marketing. Monimax 8700ST presents great usability that fulfills transaction with ease and convenience by leveraging the latest technology such as contactless, biometric, mobile-payment, and so on. In addition, the Monimax 8700ST' green technology provides more value to customers and drives down costs.





# Exatec Group - Hyosung MX 8700ST - En - 20 12 01

# Also available on lobby version (Monimax 8700S)

Hyosung is dedicated to making technology work for the humans who use it.We provide solutions that simply work better and more intuitively. Every ATM product, service and support system is engineered to be reliable and flexible. We listen to our customers and constantly improve our offerings to reflect their input. We bring that innovation to banking. It is this commitment to Human Technology that hasmade us a dependable partner and global leader in the ever-changing world of banking.



# **Full function**

# Value delivered 8700ST

System Platform

- · Microsoft® Windows® 7 / 10
- · CEN/XFS 3.10 or later

#### Communication

 TCP/ IP, Wireless Wireless (Optional)

#### **Supervisor Operation**

10.1" TFT LCD, touch screen

#### Display

- 15" / 19 color TFT LCD
- · Privacy filter (Optional)
- 10" Supervisor display

#### Input Type

- Touch screen or Function Keys
- PCI compliant EPP, T-DES, DES, RSA

#### Security

- Safes - UL 291 Level 1
- · Lock
- Mechanical combination lock,
- Electronic lock, KABA Mas cencon lock
- Two security cameras for face and hand
- (Optional)
- · Fingerprint reader (Optional)

#### Card Reader

- Motorized hybrid card reader
- Dip hybrid card reader (Optional)
- EMV level 1,2 compliant
- Anti-skimming device (Optional)
- · Contactless card reader (Optional)

#### **Cash Recycler**

- · Maximum fill level 313 mm per cassette
- Up to 5 recycling cassettes
- · 300 notes per transaction\* (Dispense & Deposit)
- Reject and retract capability (Maximum fill level 330mm reject cassette)
- Automatic audit capability
- · Banknote recognition and validation

#### **Cash Dispenser**

- · Maximum fill level 350mm per cassette
- · Up to 5 cassettes
- Bundle presenter
- Bundle retraction
- Note by note rejection

#### Printers

· Graphical thermal printer

#### Additional Features

- Barcode reader (Optional)
- Proximity Sensor (Optional)
- Audio jack, Speaker Lead-through indicator

#### **Power Supply**

- · AC 110 ~ 240V. 50 ~ 60Hz
- · Backup battery (reserving last trans-
- action & safe shutdown)

#### **Environmental Conditions**

- Temperature
- 0°C~40°C (32°F-104°F)
- · Humidity 20%~85%

#### Dimensions

- Height : 1,576mm (62.0") Width : 860mm (33.9") Depth : 1,074mm (42.3")

- Weight : ±750kg(1,653 lbs)

Internal components may change with the introduction of new technology. Hysung TNS reserves the right to change the specification of this ATM to accommodate the changes in technology.

\* Subject to note quality and other variables

Security Mirror Camera for face capture Speaker **Encrypted PIN Pad** Intuitive user interface **Option Panel** 15" TFT LCD Touchscreen / Function Keys (NFC, Fingerprint reader, Barcode reader) (19" Touchscreen optional) **Receipt Printer** Card reader (EMV compliant) Advanced New Cash recycling Cash dispenser Audio jack ADA compliant PCIDSS CE Windows10 DEMVCO

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# **Diebold Nixdorf**

# Efficient and versatile ATMs.

Diebold Nixdorf is one of the world's leading electronic payment solutions providers. Diebold Nixdorf automates, digitises and transforms the way its customers bank and shop. As a partner to the majority of the world's top 100 financial institutions and top 25 retailers, the company is present in more than 30 countries. The company operates in more than 100 countries and employs around 22,000 people worldwide.



# The Opteva range

Diebold's Opteva hardware and Agilis software platforms have been designed with the future in mind, ensuring upgradeability and providing the self-service terminals of tomorrow today.

For the highest level of reliability and continued accessibility of your ATM network, trust a recognized leader. Diebold technology works easily, cost-effectively and securely to keep your network running as efficiently as possible. Our self-service solutions offer maximum durability for a high return on your investment.



# The Cineo range

Wincor Nixdorf's Cineo system has been awarded the Innovation in Technology and Banking Award 2013. The award was presented by the jury of The Banker magazine.

At the heart of the Cineo system is an intelligent endto-end cassette that enables the direct exchange of cash at all points in the bank branch. In addition, Cineo systems automatically provide extensive operating information to facilitate proactive system management and maximum availability.



# Why Diebold Nixdorf?





# 147\$ million in R&D

To guarantee its customers unparalleled reliability and security of its ATMs.



# Careful customer service

Over 10 million service calls resolved each year

# Cineo C2550

# Monofunction automated teller machine for outdoor installations

# Cash Cycle Management™ Solutions - Setting new standards

The CINEO C2550 is based on a completely new technology approach, with an innovative banknote storage concept as its core element. This makes it possible for banks and retailers to interchange one and the same cassette between all systems in the CINEO cash series.

#### **Clear value proposition**

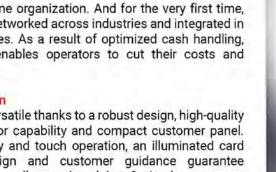
The groundbreaking technology platform optimizes cash replenishment and pick-up processes. The new CMD-V5 cash media dispenser enables operators to realize closed cash cycles throughout a bank branch or retail store as well as between branches/stores in one organization. And for the very first time, cash cycles can be networked across industries and integrated in cash center processes. As a result of optimized cash handling, the CINEO C2550 enables operators to cut their costs and improve on security.

#### Impressive innovation

This ATM is highly versatile thanks to a robust design, high-quality workmanship, outdoor capability and compact customer panel. 15" monitors, softkey and touch operation, an illuminated card slot, attractive design and customer guidance guarantee maximum satisfaction all over the globe. Optimal component accessibility and a graphical user interface make CINEO C2550 one of the world's most user-friendly cash dispensing systems. The same applies to serviceability: A broad range of operating information is delivered automatically, enabling proactive and efficient system management. Dispenser technology that has proven its worth across the globe, coupled with the cutting-edge cassette technology, conspire to create a unique, flexible system that can be tailored to customers' specific needs.

#### Security accross the board

CINEO C2550 offers impressive new security features: An Anti-Manipulation Card Slot, the Anti-Skimming II Module, high-resolution cameras, Optical Security Guard, Anti-Cash Trapping Sensors, CrypTA Stick and EPP V6 with privacy shield, are all features that close potential security gaps, improve system availability andwin customer confidence.





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C2550

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# Cineo C2550

#### TECHNICAL DATA

#### General

Installation types · Outdoor/indoor as rearload . TTW

#### **Banknote processing**

- Cash out module · Withdrawals of up to 60 notes in a
- bundle
- Banknote reject/bundle retract
- Banknote storage
- · 2 6 cassettes
- · Maximum fill level 295 mm
- · Fill level indicator
- · Scalable cassette concept:
- Lock, lead seal, tamper indicator, shutter and cover monitoring, cash management memory · Retract/reject cassette with 2 compartments

#### **Customer interaction** Display

- · 12,1" TFT LCD display
- 15" TFT LCD display
- · Autoscaling function for automatic VGA, SVGA, XGA adjustment
- · 8 softkeys and/or touch display

#### Keyboard

- EPP V6
- · EPP V6 Vario/Alpha keyboard combination

#### Card processing

- Hybrid motorized EMV 4.x Level 1 certified
- Illuminated throat
- Card retracted if not removed
- Card returned if power fails
- Preparatory kit for CIM 06 (opt.)
- HiCo-write function (opt.)
- Integrated contactless reader (opt.)
- · Hybrid DIP EMV 4.x Level 1 certified
- · Contactless card reader

#### Receipt/journal printer

- Thermal printer
- · Dot matrix printer

#### Audio

· Loudspeakers, headset jack with adjustable volume

#### Security

#### **Cash security**

- · Safes: UL 291 Level 1, CEN L,
- CEN III ECB-S, CEN IV ECB-S, GasEX
- Intruder alarm system
- Anti-Cash-Trapping Sensors
- Data and software security
- Secure channel
- · Anti-Manipulation Card Slot
- Anti-Skimming II Module
- · EPP shield (ZKA/VISA-compliant)
- · Awareness mirrors
- Privacy display filter for the monitor
- Identify and access control Intelligent operator authentification via
- **CrypTA Stick**
- Mechanical and electronic locks
- · Anti-Card-Trapping functionality
- · Biometric options

#### Security monitoring

- · Cash slot, portrait, ID card unit camera
- · Optical Security Guard (OSG)

#### Multifunctionality

#### Service

#### **Operator** panel

- 10,4" graphical color display
- · Operator keyboard
- **Operator** guidance
- · User guidance via graphic animations and color guidance

#### Operation

#### **Environmental conditions**

- Temperature range: + 5 C to + 40 C
- · Humidity: 10 % to 85 %
- Customer panel/operation with heating
- Temperature range: 40 C to + 50 C
- · Humidity: 5 % to 85 %

#### **Technical details**

- Supply voltage range:
- 110 120 V; 220 240 V
- Mains frequency: 50/60 Hz
- Uninterruptable Power Supply

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- **Barcode reader** 1D and 2D Barcodes

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# **Multifunction**

# Cineo C2560

# Multifunction automated teller machine for outdoor installations

## Cash Cycle Management™ Solutions - Setting new standards

The CINEO C2560 is based on a completely new technology approach, with an innovative banknote storage concept as its core element. This makes it possible for banks and retailers to interchange one and the same cassette between all systems in the CINEO cash series.

#### **Clear value proposition**

The groundbreaking technology platform optimizes cash replenishment and pick-up processes. The new CMD-V5 cash media dispenser enables operators to realize closed cash cycles throughout a bank branch or retail store as well as between branches/stores in one organization. And for the very first time, cash cycles can be networked across industries and integrated in cash center processes. As a result of optimized cash handling, the CINEO C2560 enables operators to cut their costs and improve on security. Combined with innovative software and end-to-end cash management services, the system guarantees audit compliance and maximum transparency of all cash inventories at all times.

#### Impressive innovation

The new CINEO C2560 system, offers outstanding performance thanks to two multifunction areas with numerous options such as innovative print, passbook, bulk check and coin processing as well as cash and envelope deposits. 15" monitors, softkey and touch operation, an illuminated card slot, attractive design and customer guidance guarantee maximum satisfaction. Optimal component accessibility and a graphical user interface make CINEO C2560 one of the world's most user-friendly cash dispensing systems. The same applies to serviceability: A broad range of operating information is delivered automatically, enabling proactive and efficient system management.

#### Security accross the board

The CINEO C2560 offers impressive new security features: A tamper-proof card slot, the Anti-Skimming II Module, highresolution cameras, Optical Security Guard, Anti Cash-trapping sensors, CrypTA and EPP V6 with privacy shield, are all features that close potential security gaps, improve system availability and win customer confidence.



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# Cineo C2560

#### TECHNICAL DATA

#### General

- Types d'installation
- Outdoor/indoor as rearload
   TTW
- 11W

#### Banknote processing

- Cash out module
- Withdrawals of up to 60 notes in a bundle
- Banknote reject/bundle retract
- Banknote storage
- 2 5 cassettes
- Maximum fill level 295 mm
- Fill level indicator
- Scalable cassette concept:

Lock, lead seal, tamper indicator, shutter and cover monitoring, cash management memory

Retract/reject cassette with 2 compartments

## **Customer interaction**

#### Display

- 12,1" TFT LCD display
- 15" TFT LCD display
- Autoscaling function for automatic VGA,
- SVGA, XGA adjustment
- 8 softkeys and/or touch display

#### Keyboard

- EPP V6 (ZKA & PCI 1.x/2.x certified)
- EPP V6 Vario/Alpha keyboard combination

#### Card processing

- Hybrid motorized EMV 4.x Level 1 certified
- Illuminated throat
- Card retracted if not removed
- Card returned if power fails
- Preparatory kit for CIM 06 (opt.)
- HiCo-write function (opt.)
- Integrated contactless reader (opt.)
- Hybrid DIP EMV 4.x Level 1 certified
- Contactless card reader

#### Receipt/journal printer

- Thermal printer
- · Dot matrix printer
- Audio
- Loudspeakers, headset jack with adjustable volume

#### Security

- Safes: UL 291 Level 1, CEN L, CEN III
- ECB-S, CEN IV ECB-S, CEN VI, GasEX
- Intruder alarm system
- Anti-Cash-Trapping Sensors
- Data and software security
- Secure channel
- Anti-Manipulation Card Slot
- Anti-Skimming II Module
- · EPP shield (ZKA/VISA-compliant)
- Awareness mirrors
- Privacy display filter for the monitor

#### Identify and access control

- Intelligent operator authentification via CrypTA Stick
- Mechanical and electronic locks
- Anti-Card-Trapping functionality
- Biometric options
- Security monitoring
- · Cash slot, portrait, ID card unit camera
- Optical Security Guard (OSG)

#### Multifunctionality

- Deposit of bundles of up to 50 notes/checks
- Metal detection
- Banknote validation in compliance with
- ECB Article 6
- Options: Serial number recognition/
- fit/unfit test
- Cassette with lock
- Max. fill level per cassette: 215 mm

- Separate compartment for counterfeit notes
   Separate compartment for retracts
  - Separate compartment

#### Services

- Operator panel
- · 10,4" graphical color display
- Operator keyboard
- Operator guidance
- User guidance via graphic animations and color guidance

#### Operation

- **Environmental conditions**
- Temperature range: + 5 C to + 40 C
- Humidity: 10 % to 85 %
- Customer panel/operation with heating
- Temperature range: 40 C to + 50 C
- · Humidity: 5 % to 85 %
- **Technical details**
- Supply voltage range:
- 110 120 V; 220 240 V
- Mains frequency: 50/60 Hz
- · Uninterruptable Power Supply

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# Multifunction

# Cineo C4060

# Multifunction cash recycling system for indoor installations

#### Cash Cycle Management<sup>™</sup> Solutions - Setting new standards

The CINEO C4060 is part of the unique technology concept and a component of Wincor Nixdorf's revolutionary Cash Cycle Management<sup>™</sup> Solutions portfolio. The cash recycling system is based on a completely new technology approach, with an innovative banknote storage concept as its core element. This makes it possible for banks and retailers to interchange one and the same cassette between all systems in the CINEO cash series.

#### **Clear value proposition**

The groundbreaking technology platform optimizes cash replenishment and pick-up processes. Next to the closed cash cycle inside the cash recycling system operators can realize closed cash cycles throughout a bank branch or retail store as well as between branches/stores in one organization. And for the very first time, cash cycles can be networked across industries and integrated in cash center processes.

#### Impressive innovation

The CINEO C4060 is an outstanding performer, offering best-in-class technology for reliable banknote and check recognition and handling as well as innovative print, passbook and coin processing. 17" monitors and multifunctionality on a minimum footprint round off the system's features. Optimal component accessibility and a graphical user interface make the CINEO C4060 one of the world's most user-friendly cash recycling system. The same applies to serviceability: A broad range of operating information is delivered automatically, enabling proactive system management. Tried and proven worldwide, the banknote recognition technology with improved sensors and the new cassette technology are the basis for a unique and flexible system concept that can be tailored to meet individual customers' needs.

#### Security accross the board

CINEO C4060 offers impressive new security features: An Anti-Manipulation Card Slot, the Anti-Skimming II Module, high-resolution cameras, Optical Security Guard, CrypTA Stick and EPP V6 with privacy shield, are all features that close potential security gaps, improve system availability and win customer confidence.



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# Cineo C4060

#### TECHNICAL DATA

#### General

- Installation types
- Indoor, frontload or rearload
- Partly integrated, fully integrated, window frame

#### **Banknote processing**

#### **Recycling module**

- Deposit/withdrawal of up to 200 notes in bundles
- Foreign object detection in the input/output
- Recycles up to 7 denominations
- Operating modes: Cash deposit, cash dispensing, cash deposit/dispensing, cash recycling
- Transport speed:
- Max. 10 banknotes per second for deposits/dispenses
- · Maximum/minimum note size
- 185 x 85 mm/105 x 58 mm

#### **Cash cassettes**

- · Up to 8 cassettes
- Maximum fill level per cassette
- 295 mm for standard cassette
- 200 mm for compact cassette
- Separate reject/retract cassette
- up to 3 storage compartments
- Separate cassette for counterfeit notes
- Fill-level indicator

 Scalable cassette concept: Lock, lead seal, tamper indicator, shutter and cover monitoring, cash management memory

#### **Banknote recognition**

· Banknote validation as per ECB Framework

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web : www.exatec-group.com

Email : contact@exatec-group.com

- Fit/unfit test
- Serial number recognition
- Processes up to 120 denominations simultaneously

#### Customer interaction Display

- + 15" TFT LCD-Display
- 17" TFT LCD display (standard)
- · Autoscaling function for automatic VGA,
- SVGA, XGA adjustment
- 8 softkeys and/or touch display Keyboard
   EPP V6 (ZKA & PCI 1.x/2.x certified)
- Alphanumeric/EPP combi keyboardCard
   processing
- Hybrid motorized EMV 4.x Level 1 certified
   Illuminated throat
- Card retracted if not removed
- Card returned if power fails
- Preparatory kit for CIM 06
- HiCo-write function
- Integrated contactless reader
- · Hybrid DIP EMV 4.x Level 1 certified
- Contactless card reader
- Receipt/journal printer
- Thermal printer
- Dot matrix printer
- Audio

 Loudspeakers, headset jack with adjustable volume

#### Security

- Cash security
- Safes: UL 291 Level 1, CEN L, CEN III ECB-S, CEN IV ECB-S
- · Intruder alarm system
- · Mechanical and electronic locks

#### Data and software security

- Anti-Manipulation Card Slot
- Anti-Skimming II Module
- Awareness mirrors
- Privacy display filter for the monitor identity
  and access control
- · Intelligent operator authentication
- viaCrypTA Stick

#### Security surveillance

- Cash removal, portrait and ID card unit camera
- · Optical Security Guard (OSG)

#### Multifunctionality

#### Passbook module

- Passbooks with vertical and horizontal folds
- · ZeKoSa reading unit, page-turning
- function and last line recognition
- Retract and/or deposit compartment for passbooks and single sheets
- Statement/information printer

#### Thermal two-color printer

- Retract function with storage
- compartmentPaper type z-fold
- Barcode reader
- 1D and 2D BarcodesSidecar
- · Coin sidecar

#### Service

- Operator panel
- 10,4" graphical color display
- Customer monitor tiltable for service
- · Operator keyboard

#### **Operator** guidance

 User guidance via graphic animations and color guidance

#### Operation

#### Environmental conditions

- Temperature range: + 5°C to + 40°C
- Humidity: 5 % to 85 %

#### Technical details

- Supply voltage range:
- 110 120 V; 220 240 V
- Mains frequency 50/60 Hz
- Uninterruptable Power Supply

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# **Exterior cash dispenser**

#### A rugged, free standing weather-resistant cash dispenser

#### **Flexible installation**

With a small footprint and weatherized exterior, this cash dispenser is perfect for off-premise deployment in locations such as athletic stadiums, amusement parks and outdoor venues.

#### Maximum availability

Ensure maximum availability with Opteva 522's five-cassette capacity, which is supported by intelligent modules that forecast maintenance needs so you can respond proactively.

#### **Ultimate reliability**

Opteva® technology delivers one of the highest levels of uptime in the industry. More uptime means consistent convenience for your customers and peace of mind for you.

#### Multi-channel software

Agilis®, Diebold's high-performance solutions platform, performs in a cross-vendor environment and connects to web applications, back-office systems and other customer channels to maximize your brand, personalize transactions and deploy new functionality quickly.

#### Security solutions

The enhanced security features integrate the latest in fraud-prevention technology to reduce your exposure while offering your customers an enhanced sense of security.





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# Opteva® 522

#### Architecture

- Designed to meet international accessibility guidelines
- · Compact terminal design offers the most
- functionality for the footprint size
- Fully RoHS compliant

#### **Display options**

 Attention-getting graphics delivered via a 15.1-inch color consumer SVD display increase advertising and cross-selling impact
 Indoor and outdoor touch-screen options, with or without function keys

· Optional sunlight viewable and privacy filters

#### Specifications

Windows 10 | Intel® processors
Dimensions :
Height: 1,793 mm (70.6 in)
Width: 635 mm (25 in)
Depth: 988 mm (38.9 in)
Weight with five-high
UL 291 Level 1 safe:
590 kg (1,300 lbs)

#### Security Safe

UL291 Level 1 Safe

- 1. 15.1-inch color consumer display
- 2. Printer options
  - Two-color graphical thermal receipt
     and document printers
- · Graphical thermal journal printer
- 3. Headphone Jack
- 4. Encrypted PIN pad
- 5. Multi-color, programmable lead-through indicator

#### **Enhanced operator interface**

 An adjustable alphanumeric keyboard and integrated pointing device streamline service
 Complete analysis of the ATM as well as a variety of diagnostics and other service benefits provided via a 10.4-inch color LCD rear monitor

#### **Enhanced Security**

Features include fraud-resistive dispenser and card reader, consumer awareness mirrors, encrypting PIN pad, security camera and lock options, duress alarm and currency ink-staining system



#### Advanced function dispenser

 Increased capacity throughput and efficiencies via two to five multimedia cassettes

522

Divert cassette with separate retract and divert compartments

· Proven friction-pick technology

#### **Enhanced operator interface:**

 An adjustable alphanumeric keyboard and integrated pointing device streamline service

• Complete analysis of the ATM as well as a variety of diagnostics and other service benefits provided via a 10.4-inch color LCD rear monitor

#### Weather resistant

Weatherized housing protects unit from normal water/snow entry
Operating environments:
-35° to 50° C (-31° to 122° F) with air conditioner

-35° to 40° C (-31° to 104° F) without air conditioner

#### 6. Task Light

7. Consumer awareness mirrors

- 8. Universal camera mount
- 9. Card reader options
  - Manual insert (dip)
  - Motorized options
     Smart card options
  - ActivEdgeTM
  - **3**-111

10. Optional barcode reader

11. AFD with friction-pick technology

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# **Enriched features combined with a sleek**

## Compact footprint provide a highly reliable and enhanced user experience

#### **Advanced Functionality**

More function capability than any other unit this size, including cash dispensing, statement printing, media dispensing (coupons and tickets), marketing messages, funds transfers, balance inquiries and more.

#### **Compact Footprint**

Compact design fits a variety of wall openings – ideal for new terminal installations or as a replacement.

#### **Open System Software Support**

Opteva terminals are powered by Agilis, Diebold's high-performance software, which interfaces with a variety of multiple-vendor products to decrease your need for backend support, while protecting your investment in legacy systems and existing states and screens.

#### Reliability

With large-capacity consumables and intelligent modules that forecast predictive maintenance needs, you can count on maximum availability for each machine.

#### **Enhanced Security Features**

Reduce risk exposure with enhanced automated teller machine (ATM) modules incorporating the latest in fraud-preventive solutions.

#### **Simplified Service**

Lower on-going operating costs result from our intuitive graphical interface that simplifies maintenance functions and makes it easy to train new branch personnel.





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# Opteva® 562

#### Architecture

Minimized terminal footprint offers the most functionality for the footprint size

Ergonomically designed fascia meets all global accessibility standards

Installation can be retrofitted to fit walls up to 13.4 inches (340mm) thick

#### **Display Options**

15-inch consumer LCD display delivers attention-getting graphics to increase advertising and cross-selling impact

Touch-screen options with or without function keys

Sunlight viewable and privacy filter options

#### **Enhanced Operator Interface**

10.4-inch color LCD rear monitor with available touch-screen capability provides analysis of the ATM as well as a variety of diagnostics and other service benefits Adjustable alphanumeric keyboard and integrated point device

#### **Enhanced security**

Every module was designed with security in mind

Fraud-resistant dispenser and card reader, consumer awareness mirrors, encrypting EPP4 PIN pad, duress alarm, available currency ink staining system and much more.

#### Advanced Function Dispenser (AFD)

Two to five multimedia cassettes for increased throughput and efficiencies

Uses proven friction pick technology Divert cassette with separate retract and divert compartments

#### **Printer Options**

- · Hauteur : 1,513mm (59.6 inch)
- · Largeur : 470mm (18.5 inch)
- · Profondeur : 847mm (33.3 inch)
- Poids : 497kg (1,096 lbs)

The industry's first two-color graphical thermal receipt and statement printers enable highresolution graphics for easy reading and marketing opportunities



- 6. Custom color option available
- Large-capacity read/write CD-ROM drive
- 7. Universal camera mount
- 8. Consumer awareness mirrors
- 9. Card Reader
- Manual insert (dip)
- Motorized options
- Smart card options

1. 15.1" Consumer LCD display

- 2. Printer Options:
  Two-color graphical thermal receipt printer
  Two-color graphical thermal statement printer
  Graphical Thermal Journal Printer
- 3. Encrypting PIN pad
- 4. Headphone jack
- 5. AFD with friction pick technology







# NCR

# The Selfserv range, modern and premium.



NCR Corporation (NYSE: NCR) is the global leader in consumer transaction technologies, turning everyday interactions with businesses into exceptional experiences. With its software, hardware, and portfolio of services, NCR enables more than 555 million transactions daily across retail, financial, travel, hospitality, telecom and technology, and small business. NCR solutions run the everyday transactions that make your life easier.



NCR Corporation is a provider of software and services to the financial, retail, hospitality, telecommunications and technology industries, with operations in approximately 180 countries. The Company offers a range of solutions, including software, consulting and advisory services, hardware, support and managed services.

Consumers want their banks to help them achieve more in less time. Convenience and simplicity are key. NCR has developed an industry-leading portfolio of banking solutions to help your customers achieve this goal.



# Why NCR?





# 600+ financial institutions

utilisent les solutions bancaires numériques de NCR



# At the core of innovation

Improved customer experience through better integration of selfservice into a digital channel. NCR

# Monofunction

# NCR SelfServ<sup>™</sup> 23

# **Premium Freestanding Cash Dispenser**

# Attract customers with an exceptional ATM experience

Designed to catch the attention of your customers, the SelfServ 23 has a modern and contemporary look and feel including the latest ADA multi-touch capability. It's an ATM experience your customers will want to keep coming back for again and again.

The SelfServ 23 performs brilliantly in location where cash is in constant demand and will handle the highest transaction volumes due to our new S2 Media Dispense Module..

## Availability

Keep your ATMs up and running, offering your customers the transactions they want, when and where they need them. NCR's express recovery and self-healing technologies reduce downtime from hours to minutes-making your ATMs available around the clock.

## **Consumer Experience**

SelfServ 23 is a fusion of digital design and the powerful S2 Media DispensevModule from NCR. Designed to meet global media handling requirements, the S2 Media Dispense Module is key to providing secure and reliable access to cash for consumers at the ATM.

## **Consumer Experience**

The SelfServ 23 is designed with security at heart. Ask us about our multilayered approach to ATM security. Including a range of physical enclosures, recessed PIN Pad and software security to protect your network.



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# Monofunction

NCR SelfServ<sup>™</sup> 23

### **KEY FEATURES**

15" LCD multi-touch screen or FDK
S2 Media Dispense Module with up to 60 note bunch capacity

## TECHNICAL SPECIFICATIONS

### **Product dimensions**

- FRONT ACCESS
- · HEIGHT 52.28" (1328mm)
- WIDTH 18.9" (480mm)
- DEPTH 26.54" (788mm)
- WEIGHT CEN I safe 952.4lbs (432kg)

#### **Customer** interface

- Display 15" LCD multi-touch, or FDK, optional privacy filter
- · Keyboard EPP (PCI compliant),
- polycarbonate or stainless steel
- Tamper Resistant Card Readers
- Smart Dip, Track 2 or Track 3 IMCRW with CROPF
- · Contactless Integrated Reader
- · Integrated Media Entry and Exit Indica-
- tors (MEEI)
- · Audio
- Optional high quality public audio and/or sound jack
- with volume control
- Barcode Reader (2D)
- 2D Barcode supports both 1D and 2D documents

- Tamper Resistant Card Readers
- Integrated Skimming Protection Solution
  (SPS)

#### Media Handling 2.0 technology

- Dispense S2 Media Dispense Module: up to 60 note bunch,
- 2-4 cassettes 2,500 notes per cassette, vacuum based with
- adaptive pick technology (5 high dispenser is available but
- only as a single configuration)
- Configurable purge bin capability with retract and single
- note divert
- Anti-overfill cassette

### Printers

- · Receipt Printer
- 80mm 203dpi graphics thermal printer
- Options retract and capture, 2ST<sup>™</sup> (two-sided thermal printing), Dual Roll Re-
- ceipt Printer • Journal Printer – 80mm 203dpi graphics
- thermal printer

#### Security

- USB Protection and Parts Validation
   Options: Integrated Skimming Protection
  Solution (SPS),
- Solidcore Suite for APTRA, Camera NTSC, PAL or third party,
- portrait camera (USB), cash slot camera enabled, UL437
- Topbox Lock, Uninterrupted Power Supply CEN I, CEN III, CEN III GasEx, CEN IIII, CEN IIII GasEx

#### Environmental

· A range of Intel® Processors

Standard 50°F to 104°F (10°C to 40°C) with Severe environment 32°F to 104°F (0°C to 40°C)
Humidity - 20% to 80%
Acoustics - 65 dB (A) when idle, 68dB when operating.
Maximum 75dB (A) fan

· Microsoft Windows® 7 / Windows® 10 Ready

#### Servicing

Front and rear access

#### **Operating platform**

- · Intel® Celeron, i3 and i5 processor options
- · 4GB, 8GB or 16GB RAM
- Primary or Secondary Hard Disk Drive or Solid
- State Drive
- DVD-RW drive

#### **Operating platform**

Microsoft Windows® 7 / Windows® 10 ready • NCR Software Suite

#### Additional features

**Biometric option** 

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# Monofunction

# NCR SelfServ<sup>™</sup> 26

# Through-the-wall slimline cash dispenser

# Flexible placement opportunities to showcase your brand

Specifically designed with a sleek slimline profile, the SelfServ 26 is well suited to very tight locations like through-glass placement or where space is at a premium. The SelfServ 26 offers cash withdrawal to your customers as well as a broad range of other services like bill payment, funds transfer, mobile phone top-up, couponing and vouchers. It's the ideal ATM to deliver your brand to the broadest possible audience in the broadest possible range of locations.

# **Proactively fixes itself**

Keep your ATMs up and running, offering your customers the transactions they want, when and where they need them. NCR's express recovery and self-healing technology reduces downtime from hours to minutes—making your ATMs available around the clock.

## Keeps you informed

Successful network management is about having the right information at your fingertips. NCR SelfServ ATMs provide data in real-time on configurations, software versions and the activity levels of each module. So you can see, understand and control your entire network—and make more empowered decisions

## Inspire trust in your ATM network

Our SelfServ ATMs are designed to defend against known and unknown fraud attacks, even before they start. Ask us about our multi-layered approach to ATM security including logical and physical solutions. For example Solidcore Suite for APTRA™ protects against the execution of unauthorized code on your ATM network and our Skimming Protection Solution protects cardholder data from card skimming attacks.







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# Monofunction

# NCR SelfServ<sup>™</sup> 26

#### **KEY FEATURES**

Provides a broad range of services such as bill payment, funds transfer, mobile phone top-up, couponing and vouchers and mini-statements

PCI compliant Encrypting PIN Pad
 High capacity cash dispenser

TECHNICAL SPECIFICATIONS

#### **Product dimensions**

- HEIGHT 59.0" (1,498MM)
- WIDTH 18.6" (473MM)
- DEPTH
- Short sleeve 45.0" (1,143MM)
- Standard sleeve 49.5" (1,257MM)
- WEIGHT
- CEN 1 SAFE 1,186LBS (538KG)
- CEN III SAFE 1,464LBS (664KG)
- CEN IV SAFE 1,539LBS (698KG)
- CEN III GAS EX SAFE
- 1,497LBS (679 KG)
- CEN IV GAS EX SAFE
- 1,596LBS (724 KG)

# **Customer** interface

Display

Choice of 15" LCD, FDK or touchscreen, optional privacy filter, sunlight readable displays

- Keyboard
- EPP (PCI compliant),

polycarbonate or stainless steel

Card Reader

- Smart Dip, IMCRW with Smart option, HiCo

- Integrated Media Entry
- and Exit Indicators (MEEI)
- Audio

Optional high quality public audio and or sound jack with volume control

## Dispenser

2 or 4 cassettes, bunch presenter, retract and purge capability

#### Printers

Receipt Printer - 80mm 203dpi graphics thermal printer. Options - retract and capture, dual roll and/or 2ST (two-sided thermal printing) • Journal Printer - 80mm 203dpi graphics thermal printer (E-Journal available as default)

#### Security

NCR Secure<sup>™</sup> is a complete portfolio of multi-layered solutions and services designed to provide protection against ATM attacks. Including a range of physical enclosures, recessed PIN Pad and Solidcore software security to protect your network. For more information, visit www.ncr.com.

#### Environmental

- Temperature
- Standard: 50°F to 104°F (10°C to 40°C)

- With severe environment fitted: 32°F to 104°F (0°C to 40°C)

Humidity

## 20% to 80%

- · Acoustics: Sound power 65db
- (A) idle, 68db (A) operating

15" LCD touchscreen
Card reader with built-in fraud prevention

#### Servicing

LCD Operator Panel (rear load only)
 Front, rear and side service

#### **Operating platform**

- A range of Intel® Processors
- · 2GB or 4GB RAM
- 250GB hard drive
- DVD-RW drive

#### Software

- Windows® 10
- NCR APTRA XFS
- NCR APTRA software

### Additional features

- · Biometrics ready
- Contactless ready

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NCR

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# Monofunction

# NCR SelfServ<sup>™</sup> 27

# **Premium Exterior Through-the-Wall Cash Dispenser**

# Attract customers with an exceptional ATM experience

Designed to catch the attention of your customers, the SelfServ 27 has a modern and contemporary look and feel including the latest multi-touch capability. It's an ATM experience your customers will want to keep coming back for again and again. The SelfServ 27 performs brilliantly in location where cash is in constant demand and will handle the highest transaction volumes due to our new S2 Media Dispense Module.

## Availability

Keep your ATMs up and running, offering your customers the transactions they want, when and where they need them. NCR's express recovery and self-healing technologies reduce downtime from hours to minutes—making your ATMs available around the clock.

## **Consumer Experience**

SelfServ 27 is a fusion of digital design and the powerful S2 Media Dispense Module from NCR. Designed to meet global media handling requirements, the S2 Media Dispense Module is key to providing secure and reliable access to cash for consumers at the ATM.

# Security & Performance

The SelfServ 27 is designed with security at heart. Ask us about our multi-layered approach to ATM security. Including a range of physical enclosures, security cameras, recessed PIN Pad and software security to protect your network.





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# Monofunction

NCR SelfServ<sup>™</sup> 27

#### **KEY FEATURES**

15" LCD multi-touch screen or FDK
S2 Media Dispense Module with up to 60 note bunch capacity

## TECHNICAL SPECIFICATIONS

#### **Product dimensions**

- Rear access
- · HEIGHT 57.60" (1463MM)
- · WIDTH 25.83" (656MM)
- DEPTH 40.40" (1026MM)
- WEIGHT CEN I SAFE 1098LBS (498KG)

#### **Customer** interface

Display – 15" LCD multi-touch, or FDK, optional privacy filter

 Keyboard – EPP (PCI compliant), polycarbonate or stainless steel

• Tamper Resistant Card Readers

- Smart Dip, Track 2 or Track 3
- IMCRW with CROPF

Contactless - Integrated Reader

 Integrated Media Entry and Exit Indicators (MEEI)

 Audio – Optional high quality public audio and/or sound jack with volume control

Barcode Reader (2D) - 2D Barcode

supports both 1D and 2D documents

## Media Handling 2.0 technology

 Dispense: S2 Media Dispense Module: up to 60 note bunch,

2-4 cassettes 2,500 notes per cassette, vacuum based with adaptive pick technology

 Configurable purge bin capability with retract and single note divert
 Anti-overfill cassette Tamper Resistant Card Readers
 Integrated Skimming Protection Solution
 (SPS)

#### **Printer options**

Receipt Printer – 80mm 203dpi graphics thermal printer. Options – retract and capture, 2ST<sup>™</sup>

(two-sided thermal printing), Dual Roll Receipt Printers

 Journal Printer – 80mm 203dpi graphics thermal printer

### Security

· USB Protection and Parts Validation

 Options: Integrated Skimming Protection Solution (SPS),

Solidcore Suite for APTRA, Camera NTSC, PAL or third party,

portrait camera (USB), cash slot camera enabled, UL437

Topbox Lock, Uninterrupted Power Suply (UPS)

CEN I, CEN III, CEN III GasEx, CEN IIII, CEN
 IIII GasEx

#### Environmental

 Internal – Standard 32\*F to 104\*F (0\*C to 40\*C)

- External Standard -31\*F to 122\*F (-35\*C to 50\*C)
- · Humidity (interior) 20% to 80%
- Acoustics 65dB (A) when idle, 68dB (A) when operating.
- Maximum 75dB (a) fan when operating

•A range of Intel® Processors •Microsoft Windows® 7 / Windows® 10 Ready

#### Servicing

 7" LCD Control Operator Panel (Rear access only)

### **Operating platform**

Intel® Celeron, i3 and i5 processor options

- · 4GB, 8GB or 16GB RAM
- Primary or Secondary Hard Disk Drive or Solid State Drive
- DVD-RW drive

### Software

- Microsoft Windows® 7 / Windows® 10 ready
- NCR Software Suite

#### **Additional features**

Biometrics option

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# **Multifunction**

# NCR SelfServ<sup>™</sup> 34

# **Through-the-wall full-function ATM**

# Offer your customers the widest range of transactions possible

Designed to easily handle the highest of transaction volumes, the SelfServ 34 keeps serving your customers with a wide range of transactions like mixed cash and check deposit and bill payment. Created to cope with the severest of weather conditions, the SelfServ 34 can be placed outdoors—helping you bring your brand closer to your customers.

## **Proactively fixes itself**

Keep your ATMs up and running, offering your customers the transactions they want, when and where they need them. NCR's express recovery and self-healing technology reduces downtime from hours to minutes-making your ATMs available around the clock.

# Keeps you informed

Successful network management is about having the right information at your fingertips. NCR SelfServ ATMs provide data in real-time on configurations, software versions and the activity levels of each module. So you can see, understand and control your entire network—and make more empowered decisions.

## Inspire trust in your ATM network

Our SelfServ ATMs are designed to defend against known and unknown fraud attacks, even before they start. Ask us about our multi-layered approach to ATM security including logical and physical solutions. For example Solidcore Suite for APTRA<sup>™</sup> protects against the execution of unauthorized code on your ATM network and our Skimming Protection Solution protects cardholder data from card skimming attacks.





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# **Multifunction**

# NCR SelfServ<sup>™</sup> 34

## TECHNICAL SPECIFICATIONS

### **Product dimensions**

- ·HEIGHT 59.0" (1,498mm)
- WIDTH 30.4" (773mm)
- DEPTH
- Standard sleeve 51.2" (1,300mm)
- Short sleeve 46.7" (1,187mm)
- WEIGHT
- CEN 1 safe 1,936lbs (878kg)
- CEN III/IV safe 1,036kg (2,284lbs)

#### **Customer interface**

Display - 15" LCD, FDK or touchscreen, optional privacy filter, sunlight readable displays • Keyboard - EPP (PCI compliant), polycarbonate or stainless steel. Optional Alphanumeric keyboard • Card Reader - Contactless, Smart Dip, IMCRW with Smart option, HiCo • Integrated Media Entry and Exit Indicators (MEEI) • Audio - Optional high quality public audio and/or sound jack

- with volume control
- Advert panel Standard
- or enhanced with backlight
- Barcode Reader 2D Barcode supports
  both 1D and 2D documents

#### Dispenser

- S2 Media Dispense Module. 2-4 cassettes, bunch presenter
- Dual Dispense 2 x 4 (8 cassettes)
- Configurable purge bin capability
  with retract and single note divert

# Deposit technology

Intelligent Cash Deposit and Recycling Options - Choice of Cash Acceptors and Recycler. Accepts and validates up to 200 new notes per transaction\*

- Supports multi-currency deposit, remote
- download of templates

Intelligent Check Deposit - Scalable check
deposit (up to 30 checks in a single bunch)

- Scalable Deposit Module
- 1 slot for cash and check deposit.
   Can handle check and cash as a separate transaction but also mixed media. Up to 2,000

notes and 1,600 checks capacity

- Envelope Depository with optional dispenser
- Coin Processing Optional coin dispense

### Printers

Receipt Printer - 80mm 203dpi graphics thermal printer.

Options - retract and capture, dual roll and/or 2ST (two-sided thermal printing)

- Journal Printer
- 80mm 203dpi graphics thermal printer (E-Journal available as default)

 Full page thermal printer with document capture and 2ST

 Passbook Printer - Page-turning passbook for horizontally stitched books

### Security

NCR Secure<sup>w</sup> is a complete portfolio of multi-layered solutions and services designed to provide protection against ATM attacks. Including a range of physical enclosures, recessed PIN Pad and Solidcore software security to protect your network. For more information, visit www.ncr.com.

## Environemental

Temperature

## - Standard:

- 50 F to 104 F (10 C to 40 C)
- With severe environment fitted:
- 32 F to 104 F (0 C to 40 C)
- Humidity (interior): 20% to 80%
- Acoustics: Sound power 65db (A) idle, 68db (A) operating

### Servicing

- · LCD Operator Panel (rear load only)
- · Front, rear and side service

#### **Operating platform**

- · A range of Intel Processors
- · 2GB or 4GB RAM
- · 500GB hard drive
- DVD-RW drive

### Software

- Windows 10
- NCR APTRA XFS
- NCR APTRA software

### Additional features

- Biometrics ready
- Contactless ready

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# Full function

# NCR SelfServ<sup>™</sup> 84 <sup>Walk-up</sup>

# **Multi-function ATM - Exterior Through-The-Wall**

# Transform

NCR Interactive Assisted Teller enabled. Connect consumers to the efficient delivery of convenient live teller services from the ATM across flexible hours and locations.

## Attract

Infinity Display: supports multi-touch. 15" or 19" LCD screen Integrated customized branding opportunities for financial institutions.

## Engage

Supports NCR CxBanking SW platform - includes personalization and targeted marketing opportunities. Enable the omni-channel experience. Engage mobile first consumers.

## Available

Enhanced ATM module reliability via Media Handling 2.0. Flexible, future-proofed dispense, deposit and recycling options. Performance enhanced durable design.

## Manage

Service intervention process improvements. Full range of common parts across all solutions. improved device level intelligence.

## Une sécurité optimale

Security designed in for more effective risk management and fraud prevention Includes: strengthened shutter, cash/consumer camera and new flush SPS card reader. Strengthened shutter, cash/consumer camera and flush SPS card reader.





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# **Full function**

# NCR SelfServ<sup>™</sup> 84

### TECHNICAL SPECIFICATIONS

#### **Product dimensions**

- HEIGHT 59.57" (1,513mm)\*
- \* WIDTH 30.31" (770mm)\*
- DEPTH

Long sleeve 49.13" (1,248mm) Short sleeve 44.65" (1,134mm) • WEIGHT\*\*

CEN I 1,995lbs (905kg)

### **Customer interface**

Infinity Display – Supports multi-touch.
 15" or 19" brightened color LCD screen
 Dynamic active customizable color LEDs.
 Directional and pulsing user guidance MEEIs

Lighting – Task lighting.

Ambient light sensing

PIN Pad – Recessed Encrypting

(Polycarbonate or stainless steel)

 Card Reader – EMV Ready (Dip, Motorized IMCRW)

 Contactless enabled – Integrated Reader (via card, smartphone or smartwatch)

 Audio – Public/Private. Enhanced speakers. Noise reducing microphone

### Media handling technology

 Dispense\*\*\* - S2 Media Dispense Module: up to 60 note bunch, 2,500 notes per cassette. Up to 25,000 note capacity (5 high)\*\*\*\*

 Deposit\*\*\* - SDM2: up to 100 mixed media bunch cash + check in a single transaction. Store up to 4,000 notes + 400 checks

Recycle/Deposit\*\*\* – GBxx2: up to 200
notes per transaction. Store up to 2,300
notes per cassette (deposit). Up to 2,000
notes (recycle). Enhanced note preacceptor
and separator

## Printers

 Thermal Receipt/Journal Printer, options - Dual roll and 2ST

## Security

- · Supports "Picture in Picture" security
- Privacy filter enabled display

Cameras – 3rd party consumer camera

- and optional cash slot camera enabled
- Solidcore Software Suite for APTRA<sup>™</sup>
- Trusted Platform Module enabled
- Strengthened Secure Shutter (SSS)

 Integrated "flush" Skimming Protection Solution (SPS)

UL437 Topbox lock

 Safes – CEN I, CEN III, CEN III GasEx, CEN IV, CEN IV GasEx options. Safe Heater with S2

#### Environemental

- Standard: -31°F to 122°F (-35°C to 50°C)
- · Humidity: 10% to 100%
- Acoustics 65dB (A) idle 68dB operating. Max 75dB (A) fan
- · Severe environment protection kit

### Servicing

- Front/rear/side access
- · LCD Operator Panel (GOP or COP) -
- rear load only
- State of health indicators across all modules

## **Operating platform**

- PC Core with Intel® i5 processor
   SGB RAM 240GB / 16GB RAM 480GB
- Solid State Hard Drive
- DVD-RW Drive

# Software

- Microsoft Windows® 7 Professional /
- · Windows® 10 Ready
- · NCR APTRA™ XFS
- · Supports NCR CxBanking SW platform

### Additional features

Barcode Reader - 2D Barcode supports 1D/2D documents

- UPS (Uninterruptable Power Supply)
- e-Receipts to a mobile device
- NCR Interactive Banker and Teller
- Enterprise SW compatible
- · Page turning passbook

\* Hole in wall compatibility with NCR SelfServ 34 and Personas 84

\*\*Weight varies by safe and can be supplied on request

\*\*\*Dependent on check or note quality,

thickness and deposit module used.

Capacity may vary by country, currency

- type, condition and quality of notes
- \*\*\*\*5 High Dual-dispense

- requires hole in the wall compatibility change. Height = 64.21" (1,631mm)







# **Spare parts**

# Modules and consumables provided by by Exatec Group



# **Spare parts**

We have based our success and development on the supply of spare parts that are dedicated to maintenance and upgrades. We have several hundred references and over 100,000 spare parts for cash-out, cash-in, and recycling models through brands such as NCR, Wincor, Diebold, Hyosung and Glory.

In addition, our experience around the world has taught us about all aspects of logistics, customs processes and precise market expectations to help our partners gain efficiency and productivity!

Card reader, monitor, EPP encrypted keyboard, cassettes, printer, operator panel, PC, controller card, etc.

# Consumables

We have a large catalogue of technical consumables and paper consumables for the daily use of ATMs and payment terminals, such as:

- Thermal paper with black mark
- Customised thermal paper
- Ink ribbons
- Cleaning products
- Rollers for readers
- Belts for dispensing modules

In addition, we allow our customers to customise their consumables as they wish.









# **Software solutions**

# A complete range of innovative, omnichannel, vendor-neutral ATM software.

Our solutions are designed to be flexible, easy to use and powerful. Our software is fully certified for payments and has been developed by our partners Tas Group and Hyosung TNS.

Our integrated software suite enables banks, financial institutions and other independent organisations to proactively and efficiently manage all transaction activity in a fully automated, secure, web-integrated, vendorindependent environment. We provide software solutions for ATMs to achieve maximum efficiency, reducing operating costs while increasing revenues through the optimisation of terminal management.

# Asoft ATM

Asoft ATM is the solution developed by TAS Group for managing ATM transactions, regardless of the brand, model, protocol or OS. Asoft ATM includes the emv level 2 certified kernel as well as the application protocol(s), Asoft ATM offers unparalleled advantages on the market:

# One licence:

- OS independent (XP, Seven, Ten...)
- Protocol independent (NDC, D912, ISO 8583)
- Independent of the functionalities used

(withdrawal, deposit, payment, transfer, consultations, cardless operations...)

• Independent of the model and brand of the machine

# A single application to gain in:

- Easy to set up
- Ease of maintenance
- Ease of management
- Consistency of functionality

# All features included:

- Withdrawal | Withdrawal without card |
- Preferred withdrawal | Timed withdrawal
- Deposit
- Payment
- Transfer
- Consultation
- Reloading prepaid cards...



# **ATM** monitoring

Asoft Vision 360 allows you to gain a thorough understanding of your ATM fleet, its strengths and weaknesses, and to interact to optimise its availability while reducing operating costs. Asoft Vision 360 allows you to gain a thorough understanding of your ATM fleet, its strengths and weaknesses, and to interact to optimise its availability while reducing operating costs.

- Testing
- Installation
- Training
  - Skills Transfer
  - Support
  - Assistance
  - Advice & Recommendations

Our main objective is to help our customers to get the best out of their ATMs, thanks to the monitoring tool and the efficiency of their teams to manage the ATM fleet.

# Asoft Vision 360

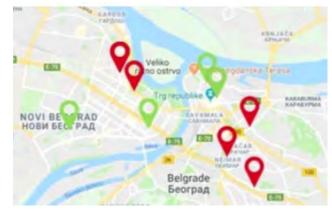
# to improve and control the performance of your ATM

# A complete, efficient, multivendor and affordable solution.

Asoft Vision 360 is aimed at all managers of ATM, regardless of the number of ATMs and the models involved, whatever the OS and protocol used, whatever the number of users. The data is fed back by an agent who cooperates with the XFS drivers of each ATM, in complete security. Asoft Vision 360 is much more than a monitoring tool. It's a powerful and easy-to-use management tool, ideal for solving all the problems of ATMs.

# See & Act

The basis of any management is to see live, the status of the park and the level of alert of each machine. Beyond the multiple displays, remote action is one of the most expected features to gain efficiency without waiting for a local operator's intervention. You can stop the ATM for technical or security reasons, reboot it, access its log files directly, etc.



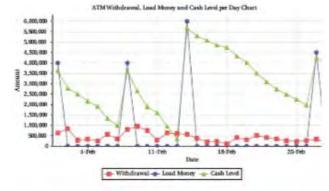


# Optimize

SLA management is at the heart of the design of Asoft Vision 360. Do you find it complicated to manage several service providers, both internal and external, with different deadlines for each region, different technologies and different schedules depending on the location and the period? Not only is all this automated with Soft Vision 360, configured according to your needs.

# **Make profits**

Lock in as little cash as possible in your ATMs, while avoiding running out of fuel and reducing your recharging costs. This is the challenge taken up by Asoft Vision 360, to manage outstanding cash in an automated way, or as a decision aid. The cash management module is an expert system based on the Econometrics Time Series model and the Simplex method.



# A whole range of services adapted to your needs

Exatec Group assists its customers, from the implementation of the solution to support and advice on use, including configuration and interfacing. Asoft Vision 360 is a solution developed and certified by TAS Group, of which Exatec Group is an authorized distributor and value-added integrator.





# Boost

The download tool is both a technical and a business asset. Many technicians dream of being able to update software without having to intervene on site. Many marketing departments would like to have communication campaigns relayed on their ATMs. With Asoft Vision 360, it's easy to download data on all or part of the fleet and make it active at any time.





# Security

Video surveillance is a key element of your security and sometimes a regulatory requirement. The entire fleet can be equipped with integrated cameras that capture photos at different times during the transaction, and combine them with the collected data to facilitate evaluation. The associated search tool helps to reduce fraud attempts and disputes considerably.

# Check

The data collected allows a complete and clear monitoring of the performance of the ATMs on the one hand, and of the operators on the other. Tables and reports are set up and generated periodically to highlight the performance achieved in relation to the defined objectives, in order to focus efforts on areas for improvement.



# **Related services**

# **Training and technical support**

# Repair

We repair all modules and sub-modules of the main ATM models, from single unit requirements to full pallet flows. Our processes are detailed for optimum quality and can be tailored to meet each customer's requirements and facilitate the reintegration of the repaired parts into the customer's logistics. Labelling, packaging, quality tests, administrative procedures and repair levels can be customised on request.

With more than 15 years of experience on the main brands of ATMs, we have a database with the annual failure rates for each model of ATM. With this information, we are able to recommend to the customer which parts and consumables are required for the annual maintenance needs of their ATM fleet.

# Maintenance

We can assist the customer to create, develop or improve the maintenance of their ATMs by training their own staff, a subsidiary or an external service provider. This type of training can be offered at the supplier's premises or in the destination country. If the training is linked to the supply of a batch of ATMs, it will be planned after the delivery of the first container which will include the ATMs, parts and all necessary tools, including at least one ATM for testing and training.

# Customized training, Hardware et Software

Our technical training courses are given in French or English, in our premises on the Côte d'Azur but can also be done on the client's side, depending on their technical environment. Our training courses focus on maintenance, repair, software or installation skills depending on the customer's request and the level of the trainees.

The aim is to empower our clients by teaching from theory and sharing practical experience.

Each trainee takes an exam at the end of the session, before obtaining a training certificate, proof of their new level of competence.

A standard training session for hardware maintenance lasts one week, and is dedicated to one customer, for one ATM technology (Diebold, Wincor, NCR, Hyosung...).





# **Buy back**

# Why choose the buy-back programme?

# Our moral commitment

For the past 20 years, we have been buying back ATMs from banks that are reducing their stock or renovating it. Reconditioning, both in terms of spare parts and complete machines, gives a second life to all this equipment and reduces the environmental impact of their manufacture. Beyond the ecological interest, our suppliers earn a certain income while our customers appreciate the excellent quality/price ratio. Our process is so virtuous that many countries have adopted regulations pushing for more re-use in tenders and maintenance.

# **Fleet management**

You can entrust us with all or part of the process of removal, treatment, destruction or reinstallation in parts or complete machines. We value the machines, either on behalf of its customers or on its own account, including an offer to buy back all the uninstalled machines.

# **Reuse of ATMs and parts**

Une flotte d'automates n'est pas statique. Certains sites ferment, d'autres se créent ou se développent. Les automates désinstallés après un premier usage peuvent envisager une seconde vie après reconditionnement et upgrade. Au-delà d'une seconde vie comme machine complète, certains composants peuvent être récupérés et rénovés pour les besoins de maintenance et d'upgrade du reste du parc. Notre engagement est de travailler pour votre intérêt économique, en toute transparence.

# **Our services include**

- DISINSTALLATION of the automatons
- REGROUPING on platform
- ESTABLISHMENT of an inventory
- •TRANSPORT to Exatec Group
- RECEPTION and auditing of PLCs
- DECISION to recycle or refurbish
- DISMANTLING of selected parts and machines
- RENOVATION according to our state of the art processes
- RE-EDIT for reinstallation, upgrade or

maintenance needs

# Leading the change

Our work has a huge impact on under-resourced countries and it is only through your confidence in our redemption process that we can work towards financial inclusion. We thank you for your help and look forward to your continued support and cooperation in our efforts to help economic development across the globe.









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