



NCR Personas™ M Series 86

Datasheet

MORE ↗ **RESULTS**

MORE RESULTS

- ↗ Replenishment costs can be halved by doubling your dispensing capacity.
- ↗ Drive-up ATMs can generate up to 50% higher transaction volumes than walk-up.
- ↗ User-friendly design increases customer confidence, maximizing the volume of transactions you can migrate to your self-service channel.
- ↗ Protect your investment and upgrade the Personas M Series at your own pace.

What is the Personas M Series 86?

The Personas M Series 86 is a multi-function ATM for exterior or vestibule locations, delivering a comprehensive range of account services to your customers at their convenience.

NCR's Personas M Series brings to market a set of flexible, upgradeable and configurable ATMs designed on a single platform. The Personas M Series 86 delivers a highly configurable range of transactions and enables your customers to access their cash 24 x 7. This multi-function ATM optimizes the migration of high volume, low commercial value transactions from the teller to the self-service channel, improving branch efficiency and increasing consumer satisfaction.

Configuration options on the Personas M Series 86 are vast and include cash accept, cash dispense, double capacity cash dispense, check accept, coin dispense, bill payment, statement print or passbook update. This ATM enables you to deliver a full range of account services to your customers any time, any place. The Personas M Series 86 makes your self-service channel more efficient, and cost-effective, than ever before.

NCR's evolutionary design is evident at every level of the Personas M Series 86. The compact user interface is easy to use, integrated advertising panels, and large display allow you to promote your products, your brand and offers third party advertising opportunities. Designed to fit your existing through-the-wall aperture, the Personas M Series 86 removes the need for costly re-building work and lets you reuse advertising surrounds.

NCR aims to protect your investment through world-class usability and design and our continual investment in technological advancements. The flexible nature of the Personas M Series lets you introduce new functionality and keep pace with the changing business environment. The Personas M Series offers a high level of security and standards compliance. This includes countermeasures to ATM fraud, support for EMV, Triple DES and Remote Key Management as well as public and private audio.

The Personas M Series 86 - delivers cost savings for you and direct benefits to your customers.

Why NCR?

NCR is universally acknowledged as the global leader in financial self-service. This success has been achieved through continuous technology innovation and a strong commitment to understanding the present and future needs of our customers and consumers.

Every single day, NCR delivers best-in-class self-service solutions to the world's leading financial institutions. With an unrivalled portfolio to suit all transaction volumes and locations, NCR offers hardware, software and services that deliver advanced transactions and unmatched levels of availability.

NCR leads the field in software development and systems integration. Its vendor-independent APTRA™ suite is the most popular Windows® software globally, while its unique holistic approach to ATM security and standards compliance has been recognized the world over.

NCR is committed to remaining the world's number one ATM solutions company by maintaining world-class quality of manufacture, unrivalled self-service expertise and the very best support services infrastructure.

Trust NCR - over 30 years financial self-service experience, manufacturing more than one third of the world's ATMs.

Product dimensions	
Height	49.5" (1,257mm)
Width	32.1" (815mm)
Depth	
UL safe	32.9" (835mm)
CEN safe	34.2" (868mm)
Standard sleeve	15.5" (394mm)
Standard sleeve (drive-up)	13.8" (351mm)
Short sleeve	11.1" (282mm)
Short sleeve (drive-up)	9.4" (239mm)
Weight	
UL safe	1,841lbs (835kg)
CEN L safe	2,084lbs (945kg)
CEN III/IV safe	2,492lbs (1,130kg)
Fascia	
Height	20.1" (510mm)
Height (drive-up)	23.3" (592mm)
Width	23.6" (600mm)
Description	Multi-function ATM suitable for through-the-wall, drive-up (kiosk and first lane through-the-wall), or vestibule

Customer interface

Display

12.1" (308mm) XGA sunlight readable color LCD with autoscaling capability

12.1" (308mm) XGA standard color LCD with autoscaling capability

Optional display privacy filter

Optional interior and exterior touchscreen

8 tactile function display keys

Keyboard

Ruggedized tactile 16 key

Secure EPP (Encrypting PIN Pad): supports Triple DES and Remote Key Management

Complies with ANSI A117.1-1998 layout guidelines

Optional alphanumeric keyboard

Card reader

Smart DIP: supports smart cards

IMCRW (Integrated Motorized Card Reader Writer): option to support smart cards

CROPF (Card Return on Power Fail)

Barcode reader

Public & private audio
Optional high quality sound, or sound jack with volume control

Media Entry & Exit Indicators (MEEI)

For enhanced security and ease of use

Camera

Optional NTSC, PAL or third party camera

Advertising panel

Color customization

Dispenser

2, 3 or 4 denomination options with bunch, retract and purge capability

NCR multimedia cassette with 11.6" (295mm) capacity

Optional tamper indicating cassettes

Optional dual dispense

Optional coin dispense

Deposit

Cash Acceptor

Accepts and validates up to 100 notes per transaction

Up to 50 note denominations per template including polymer

Remote download of currency templates

Storage up to 3,400 notes

Returns notes held in escrow if transaction cancelled by customer

ECB Article 6 compliant

Proof-of-deposit with cash totals via ATM receipt

iTRAN 1000 Check Processor

Check and credit slip processing

True MICR read of E13B or CMC7 code line

High quality front and rear imaging of documents

Rear endorsement printing

Optional CAR/CAV/LAR

Separate enclosures for cash and checks

Proof-of-deposit with check image via ATM receipt

Envelope depository

Optional envelope dispenser

Business depository

Envelope or bag deposit accessed through the ATM or keylock

Proof of deposit via ATM receipt with card

Printers

Receipt printer

40 column graphics thermal printer

Optional sideways feature allows 80 column x 20 row mini-statement

Journal printer

40 column graphics thermal printer

Statement printer

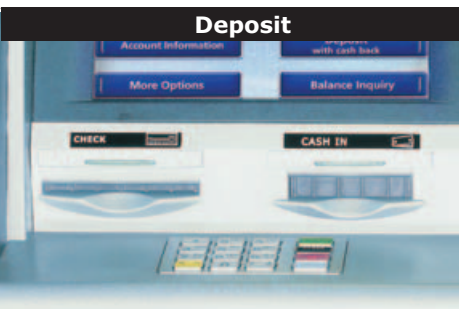
80 column letter quality thermal printer with document capture

Optional full graphics

Optional 4" (101.6mm) bunching capability

Passbook printer

Page-turning passbook feature for horizontally stitched books



Security

Secure EPP: certified as meeting the requirements of ISO 9564-1, ISO 13491-1 and ISO 13491-2

Smart DIP card reader: certified to EMV 4.0 Level 1

IMCRW card reader: certified EMV 4.0 Level 1

Fraud countermeasures
ECRS (Enhanced Card Reader Surround)

Options include: IFD (Intelligent Fraud Detection), FDI (Fraudulent Device

Inhibitor), ECD (Enhanced Card Drive or 'Jitter'), illuminated MEEI in the card reader throat and ESS (Enhanced Shutter Security)

Fluiditi™
Optional ink-staining for Intelligent Cash Protection

Safes
UL 291 Level 1
CEL L
CEN Grade III
CEN Grade IV

Environmental

Temperature
-31°F to 122°F
(-35°C to 50°C)

Humidity
10% to 100%

Acoustics
Sound power 65dBA idle, 68dBA operating

Sound pressure 55dBA operating

Operating platform

Intel Pentium 4

Intel Celeron®

Optional CD-ROM or DVD-ROM

“User-friendly design increases customer confidence, maximizing the volume of transactions you can migrate to your self-service channel.”



NCR Corporation, 1700 South Patterson Boulevard,
Dayton, Ohio, 45479, USA

www.ncr.com

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