



# Personas™ M Series



## NCR Personas™ M Series 87 Datasheet

**MORE**  **RESULTS**

# MORE RESULTS

- ↗ Flexible configuration with deposit or dispense capabilities.
- ↗ 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 87?

The Personas M Series 87 is a single function ATM for exterior or vestibule locations, delivering targeted 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 87 offers a wide range of cash, deposit and account based transactions from a secure, compact footprint making it the ATM of choice to deliver dedicated account services in vestibule and through-the-wall locations.

Configuration options on the Personas M Series 87 include cash accept, cash dispense, check accept, coin dispense, bill payment, statement print and/or passbook update. This ATM enables you to deliver a targeted set of account services to your customers any time, any place. The Personas M Series 87 improves the efficiency of your self-service channel by reducing your costs even further.

NCR's evolutionary design is evident at every level of the Personas M Series 87. The compact user interface is easy to use, integrated advertising panels and large display allow you to promote your products and your brand while offering third party advertising opportunities. Designed to fit your existing through-the-wall aperture, the Personas M Series 87 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 87 - 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	
<b>Height</b>	53.4" (1,357mm)
<b>Width</b> With iTRAN 1000	25.2" (640mm) 27.2" (690mm)
<b>Depth</b> UL safe CEN safe Standard sleeve Short sleeve Short sleeve (drive-up)	32.9" (835mm) 34.2" (868mm) 15.5" (394mm) 11.1" (282mm) 9.4" (239mm)
<b>Weight</b> UL safe CEN L safe CEN III/IV safe	1,460lbs (662kg) 1,665lbs (755kg) 1,852lbs (840kg)
<b>Fascia</b> Height Height (drive-up) Width	20.1" (510mm) 23.3" (592mm) 23.6" (600mm)
<b>Description</b>	Single function ATM suitable for through-the-wall, drive-up (kiosk and first lane through-the-wall), or vestibule

### Customer interface

#### Display

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

12.1" (308mm) SVGA 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

DIP

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 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

### 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

Combined statement and passbook printer with document capture

### Security

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

Smart DIP card reader: certified EMV 4.0 Level 1



Dispenser



Camera



Touchscreen



Encrypting PIN Pad

IMCRW card reader:  
certified EMV 3.1.1 Level 1  
and EMV 4.0 Level 1

**Fraud countermeasures**  
E CRS (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  
enhanced security

**Safes**

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

**Accessibility**

• **USA ADA Accessibility  
Guidelines for Buildings  
and Facilities (ADAAG)**

Subject to customer  
compliance with NCR  
Site Preparation and  
Installation Guidelines,  
the Personas M Series  
complies with **ADAAG  
sections 4.34.2, 4.34.3  
and 4.34.4** (as  
amended through  
September 2002). Of the  
remaining portions of  
ADAAG specifically  
addressed to automated  
teller machines, section  
4.34.1 addresses the route  
on which the product is  
placed and not aspects  
of the product itself and  
section 4.34.5 is a  
performance standard  
that does not specify how  
to achieve or measure  
compliance and therefore  
NCR does not offer  
guidance as to such  
compliance.

• **AS3769-1990 -  
Australian Standard  
for Accessibility**

With minor exceptions,  
the Personas M Series  
produced for sale in  
Australia complies with  
this standard

• **Access to ATMs: UK  
Design Guidelines 2002**

With minor exceptions,  
the Personas M Series  
produced for sale in the  
UK conforms with these  
guidelines

• **CAN/CSA B651.1-01**

With minor exceptions,  
the Personas M Series  
produced for sale in  
Canada complies with  
this standard

**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.”



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