



**WHO CAN GIVE
YOUR SELF-SERVICE
NETWORK THE
COMPETITIVE EDGE?**



NCR SelfServ™ 22
Interior Freestanding Cash Dispenser

NCR SelfServ 22



THE NCR SelfServ 22 DELIVERS UNRIVALLED BRAND PRESENCE TO SET YOUR SELF-SERVICE NETWORK APART, WHILE ITS EASE OF USE, RELIABILITY AND RANGE OF SERVICES WILL STRENGTHEN CONSUMER LOYALTY.

Operate an ATM network and you may notice that priorities are changing. The ATM is now seen by most banks as a key competitive differentiator. The pressure to achieve operational excellence, provide the best possible consumer service and the strongest brand presentation has never been greater.

The NCR SelfServ range of ATMs has been developed to meet all your business objectives.

INTRODUCING THE NCR SelfServ 22

The NCR SelfServ 22 is a compact freestanding ATM ideal for either bank branches or any other interior location.

Capable of handling any volume of cash dispense transactions, the NCR SelfServ 22 also provides a broad range of other services such as bill payment, funds transfer, mobile phone top-up, couponing and vouchers and mini-statements.

Designed for intuitive ease of use and consumer attraction the NCR SelfServ 22 will powerfully represent your brand and deliver your self-service transactions in any indoor location.

REDEFINED AVAILABILITY

Availability is about more than reliability and network averages. It's about delivering the transactions that consumers want, where and when they need them. With new 'self-healing' technology, easy-to-use service lead-through application and front, rear and side service access, NCR SelfServ redefines availability.

INTUITIVE USABILITY

NCR SelfServ enables users to become experts after the very first use. And we mean all users; consumers, cash in transit companies, branch staff and service engineers. As a result you'll not only enjoy better consumer loyalty, but faster, higher quality service and simpler future upgrades. In short, better operational efficiency, staff utilization and consumer satisfaction.

INFORMED MANAGEABILITY

Better visibility of all the management data you need helps you deliver a better service. NCR SelfServ gives you more data than ever about ATM locations, configurations and software versions, and even the actual activity levels of each module (not just transaction numbers). The result is more accurate and timely management decisions and operational excellence.

INTRINSIC SECURITY

Maintaining the trust and integrity of all aspects of the self-service channel is critical. Reducing the cost of fraud by having the appropriate countermeasures in place is an operational imperative. NCR SelfServ's USB protection technology adds an important new layer of protection. NCR SelfServ also incorporates the award winning NCR Secure™ range of antifraud and physical security solutions designed to match and mitigate your risk exposure.

COMMITTED RESPONSIBILITY

The NCR SelfServ range includes energy saving technology such as LED lighting and dual core processors. With manufacture and end-of-life decommissioning strategies that conform to all applicable environmental legislation. You'll find NCR SelfServ will be a valuable asset in achieving environmental goals for your business.

APTRA™ SOFTWARE

The APTRA software suite brings NCR SelfServ to life. APTRA is the world's most widely deployed self-service and ATM solution, trusted by banks worldwide to deliver billions of secure financial transactions every year. You can run the APTRA software suite across your entire network, even with a mix of hardware vendors.

NCR SERVICES

By providing outsourcing solutions for management and maintenance, NCR ensures the highest possible availability and efficiency in the ATM channel. NCR Financial Managed Services offers the widest coverage in the industry and is available regardless of channel ownership, network size, ATM model, age, manufacturer or geographic location.

WHY NCR?

No one understands self-service the way we do. Across the world, in industries as diverse as retail, airlines, hospitality, health and finance, NCR helps businesses and consumers realize the enormous productivity, convenience and cost benefits of self-service.

NCR's success stems from continuous technological innovation and a strong commitment to understanding the present and future needs of customers and consumers. NCR offers hardware, software and services that deliver advanced transactions and unrivalled levels of availability.



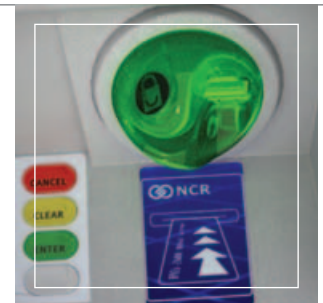
^ Encrypting PIN Pad
Security and standards compliance



^ Cash Dispenser
Proven technology for high availability



^ Touchscreen
Maximum ease of use and flexibility



^ Card Reader
Fraud prevention built-in

NCR SelfServ 22

PRODUCT DIMENSIONS

HEIGHT

UL safe

Front Access	60.2"	(1,528mm)
Rear Access	58.9"	(1,496mm)

CEN safe

Front Access	60.6"	(1,538mm)
Rear Access	59.3"	(1,505mm)

WIDTH

19.2" (487mm)

DEPTH

UL safe

Front Access	33.0"	(836mm)
Rear Access	36.7"	(931mm)

CEN safe

Front Access	34.1"	(864mm)
Rear Access	37.7"	(957mm)

WEIGHT

UL safe	1,069lbs	(485kg)
CEN L safe	1,118lbs	(507kg)

CONSUMER INTERFACE

Display

12.1" (308mm) and 15" (381mm)
LCD color with 8 FDKs

12.1" (308mm) and 15" (381mm)
LCD touchscreen

XGA with autoscaling

Optional privacy filter, sunlight readable displays

Keyboard

EPP (PCI compliant), polycarbonate/
stainless steel options

Card Reader

Smart Dip

IMCRW (Integrated Motorized Card Reader
Writer) with Smart option

CROPF and/or System Escape

HiCo

Integrated Media Entry and Exit Indicators (MEEI)

On all media and card entry and exit points

Audio

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

Advert panel

Standard or enhanced with backlight

LED lighting

Barcode Reader

2D Barcode supports both 1D
and 2D documents

DISPENSER

2-4 cassettes

Bunch presenter

Bunch, retract and purge capability

NCR multimedia cassette with

11.6" (295mm) capacity

Optional tamper indicator cassettes

PRINTERS

Receipt Printer

80mm 203dpi graphics thermal printer

Optional retract and capture facility

Optional dual color capability

Optional dual roll capability

Optional 2 sided printing

Journal Printer

80mm 203dpi graphics thermal printer

NCR SECURE OPTIONS

Fraud Countermeasures

Fraudulent Device Inhibitor (FDI)

Enhanced Card Drive (ECD or 'Jitter')

Intelligent Fraud Detection (IFD)

USB Protection System

Parts Validation System

Physical Security

Intelligent Cash Protection – ink-staining

Software and Network Security

Solidcore for APTRA

Uninterruptible Power Supply (UPS)

Integrated Power Management

Safes

UL 291 Level 1

CEN L

CEN 1

CEN III

CEN IV

Camera

NTSC, PAL or third party camera (optional)

SERVICING

10.4" (264mm) LCD Graphical Operator
Panel (rear load only)

First Line Maintenance Application – text,
3D and full motion video lead-through

Color coded release handles

Front, rear and side service options

ENVIRONMENTAL

Temperature

50°F to 104°F (10°C to 40°C)

Humidity

20% to 80%

Acoustics

Sound power 65db(A) idle,

68db(A) operating

OPERATING PLATFORM

Intel Celeron®

Intel Pentium® 4

Intel Core 2 Duo 2.13 Ghz

1GB or 2GB RAM, 80GB hard drive

DVD and floppy disc drives

SOFTWARE

Windows® XP Pro

Windows® Vista ready

XFS 4.05 or later

APTRA software suite

ADDITIONAL FEATURES

Biometrics ready

Contactless ready



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