

# ImageAcePlus™

## Thermal Card Printer



The ImageAcePlus is a mid-speed, medium to high volume thermal graphics card printer with outstanding reliability and performance at an affordable price.

The ImageAcePlus prints quality personalized cards quickly and easily, up to 950 cards per hour depending on your card's layout. At 300 dpi, the ImageAcePlus printer delivers clean, crisp, monochrome images, text and bar codes in 15 different Pantone® colors.

### MARKETS

**FINANCIAL**  
**HEALTH CARE**  
**THIRD PARTY ADMINISTRATORS**  
**SERVICE BUREAUS**  
**GAMING**  
**RETAIL**  
**TELECOMMUNICATIONS**  
**HOSPITALITY**

### APPLICATIONS

**STAFF ID CARDS**  
**ACCESS CONTROL CARDS**  
**MEMBERSHIP CARDS**  
**INSURANCE CARDS**  
**SECURITY CARDS**  
**LOYALTY PROGRAM CARDS**  
**GIFT CARDS**

### Options:

**Magnetic Stripe Encoding**  
**Smart Card Personalization\***  
**Carousel - Multi-hopper feed**



### Shown here is the ImageAce Plus with Carousel

Ideal for applications where different card types are processed. Choose any of the 6 hoppers from your host data stream or locally when using the keyboard.

\*Smart Card is not available with Carousel Option

## FEATURES/BENEFITS

The ImageAce Plus™ offers excellent compatibility with these interface options:

- cards can be printed directly from host databases via the standard serial port interface
- data can be manually input from a keyboard
- existing batch files can be processed by the custom PC application package supplied with the unit

With the custom PC application package, you can always view the design of your card on the screen prior to printing - a real advantage when creating custom layouts.

A Windows® driver is available to download on our website @ [www.nbstech.com](http://www.nbstech.com)

(Please note: Carousel option is not available when Windows printer driver is required)

## PRODUCT SPECIFICATIONS

### STANDARD FEATURES

Keyboard for manual data entry  
Two line, 40 character, LCD  
Auto Feed Input Hopper (200 card capacity)  
Auto Unload Stacker (200 card capacity)  
2 resettable production counters  
Reject tray (15 card capacity)  
RS232 Serial Communication Interface  
Capability to read and send magnetic stripe data to host  
PCX format graphics can be downloaded in Host mode  
95/98, NT Windows® drivers  
Windows® PC Card Personalization Software

### OPTIONAL FEATURES

Magnetic encoding:  
- ISO encoder, 3 track, DualCo  
Double Density Encoding  
Smart card personalization  
PCMCIA font cards: 1M, 2M, 4M, 10M  
Font Conversion Software  
Carousel - 6 Input Hoppers - 100 cards each

### CARD CRITERIA

Card Size: CR80 - 3.375" x 2.125"  
(35.7 mm x 54 mm)  
Card Thickness: .020 in" to .030"  
(.5mm to .8mm)  
Card Material: Polyvinylchloride (PVC)

\*Carousel only takes .030" cards

### SPECIFICATIONS

Physical Dimensions:

Width: 19 inches (48.3cm) (with Carousel 30")

Depth: 12 inches (30.5 cm)

Height: 12 inches (30.5cm)

Weight: 46lbs. (21kg) (with Carousel 67 lbs, 30kg)

Power Requirements:

110V, 50/60 Hz. 2 Amp (3 Amps with Carousel)

240V, 50/60 Hz, 1 Amp (2 Amps with Carousel)

Print Speed: Up to 950 Card per hour (*depending on configuration*)

Print Resolution: 300 dpi (12 dots per mm)

Ribbon Colors: 15 (including scratch-off)

Layout Information: (with optional font card)

Fields: 99 Fields for fonts, barcodes, images

Fonts: Swiss regular, Swiss Italic, Dutch bold, OCR-A

Point Sizes: 6,8,10,14,18,24 (OCR-A only 10 & 12)

Barcodes: 128 (FNC1 capability), Codabar, Code 3 of 9,

Code 2 of 5, EAN 13 & 8, UPC-A

PCMCIA Font Card

Specifications subject to change without notice

ImageAce Plus meets all applicable FCC,CE, and UL specifications

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