

Fast and Versatile Card Printing

The **BadgePass NXT5000** printer is extremely fast, powerful and efficient. Using advanced encoding technologies, this desktop printer is the best solution for issuing personalized cards, from the most simple to the most secure.

NXT5000 is available in single and dual-sided versions and is the ideal choice for printing cards in medium and large runs.



Enhanced Productivity

NXT5000 is perfect for printing large runs because it personalizes color cards in record time: up to 225 cards per hour for single-sided printing and 140 cards per hour for dual-sided, allowing you to save time and increase productivity.

Professional Printing

NXT5000 printers feature 300 dpi photographic resolution and edge to edge printing for optimum print quality. Helping your cards convey a professional image of your organization.

Ideal for:

- Employee badges
- Student IDs
- Event passes
- Access control badges
- Healthcare cards
- Multi application cards

Ease of use

The card feeder and output tray are directly accessible on the front of the printer, so you can check the cards as they come out. The large capacity card feeder and output tray hold 100 cards so you don't have to refill the printer as often. NXT5000 offers high capacity printing in a compact footprint.

BadgePass ribbons are easy to install and automatically recognized by the printer.

Scalability

You can upgrade your printer according to your needs by adding magnetic stripe and contactless chip encoders. The printer can be factory configured for dual-sided printing, or the function can be activated on site.

Features:

General Features

- Single-sided or dual-sided printing module
- Edge-to-edge printing
- Color dye sublimation, monochrome thermal
- 300 dpi print head (11.8 dots/mm)
- 16 million colors
- 16 MB memory (RAM)

Printing Performances

- Single Side:
 - Color (YMCKO): 190 - 225 cards/hour
 - Monochrome: 600 - 850 cards/hour
- Dual Side:
 - Color (YMCKO-K): 140 cards/hour

Additional Options

- Available modules:
 - Magnetic stripe encoder ISO 7811 HiCo/LoCo, JIS2
 - Contactless smart card encoder - ISO 14443A, B, ISO15693, Mifare, DesFire, HID iCLASS
 - Other specific encoders upon request
- Upgrade kit for dual-sided printing
- Internal USB or IP ports
- Options can be combined
- Factory-installed or installed on site

Interfaces

- USB (1.0, 1.1, 2.0, 3.0)
- Ethernet TCP-IP 10BaseT, 100BaseT (Traffic Led)
- 802.11b/g wireless connection on the Wireless range

Safety

- Support for Kensington® security lock
- Data encryption for magnetic encoding

Display

- Printer LEDs
- Graphical notifications from the printer: cleaning alerts, empty/low level ribbon alert, etc.

Resident Fonts

- Arial, Arial bold
- Barcode: Code 39, Code 128, EAN 13, 2/5 interleaved

Card Management and Specifications

- Feeder capacity: 100 cards (0.76 mm - 30 mil)
- Output hopper capacity: 100 cards (0.76 mm - 30 mil)
- Reject tray capacity: 30 cards (0.76 mm - 30 mil)
- Card thickness: 0.25 to 1.25 mm (10 to 50 mil) gauge adjustment (0.25 mm - 10 mil only for monochrome printing)

BadgePass Ribbons

To maximize the quality and durability of printed cards, the lifespan of the print head and the overall printer reliability, use BadgePass ribbons

- Ribbon capacity:
 - YMCKO: 300 prints/roll
 - YMCKO-K: 200 prints/roll
 - 1/2 YMCKO: 400 prints/roll
 - KO: 600 prints/roll
 - Black monochrome ribbon: 2000 prints/roll
 - Other monochrome ribbons: 1000 prints/roll
 - Hologram varnish: 400 prints/roll
- Automatic identification and setting
- Delivered in a drop-in cassette for easy handling
- Ribbon saver for monochrome printing

Eco-Friendly Design, Certifications and Statement of Compliance

- Standby, sleep modes & reduced energy consumption
- CE, FCC, IEC, VCCI, CCC, KC
- ERP 2009/125/CE
- Energy Star
- RoHS



Power

- Power supply: 100-240 Volts AC, 50-60 Hz, 1.8 A
- Printer: 24 Volts DC, 3 A

Operating Environment

- Min/max operating temperature: 15° / 30° C (59° / 86° F)
- Humidity: 20% to 65% non-condensing
- Min/max storage temperature: -5° / +70° C (23° / 158° F)
- Storage humidity: 20% to 70% non-condensing
- Operating ventilation: open air

Sound (evaluated according to the ISO 7779 standard)

- Sound pressure in assistant positions LpAm (color mode YMCKO)
- When operating: 48 dB (A)
- In sleep mode: background noise level

Packaging Content

- Printer
- CD-ROM with printer driver, user manuals
- Cleaning kit
- USB cable
- Reject tray
- Power supply and cord

Size and Weight

- Size (H x W x D): 247 x 205 x 381 mm (9.72" x 8.07" x 14.99")
- With reject tray: 247 x 205 x 481 mm (9.72" x 8.07" x 18.93")
- Weight: 4.02 kg (8.86 lbs)

Warranty

- 3-Year warranty (printer and print head)*
- *when cleaned every 1200 card prints