NXT5000

DATA SHEET

BIM005000

BadgePass NXT5000 Printer

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 professionial 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.

Technical Specifications:

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.
Card Management & 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	• 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