

# DATA SHEET

# NXT5000

## Technical Specifications:

<b>General Features</b>	<ul style="list-style-type: none"> <li>• Single-sided or dual-sided printing module</li> <li>• Edge-to-edge printing</li> <li>• Color dye sublimation, monochrome thermal</li> <li>• 300 dpi print head (11.8 dots/mm)</li> <li>• 16 million colors</li> <li>• 16 MB memory (RAM)</li> </ul>
<b>Printing Performances</b>	Single Side: <ul style="list-style-type: none"> <li>• Color (YMCKO): 190 - 225 cards/hour</li> <li>• Monochrome: 600 - 850 cards/hour</li> </ul> Dual Side: <ul style="list-style-type: none"> <li>• Color (YMCKO-K): 140 cards/hour</li> </ul>
<b>Additional Options</b>	Available modules: <ul style="list-style-type: none"> <li>• Magnetic stripe encoder ISO 7811 HiCo/LoCo, JIS2</li> <li>• Contactless smart card encoder - ISO 14443A, B, ISO15693, Mifare, DesFire, HID iCLASS</li> <li>• Card Lamination Module (CLM) sold separately as an add-on for any NXT5000 Printer</li> <li>• Installation of a second Card Lamination Module (CLM) to laminate both sides of the card with two different films</li> <li>• Other specific encoders upon request</li> <li>• Upgrade kit for dual-sided printing</li> <li>• Internal USB or IP ports</li> <li>• Options can be combined</li> <li>• Factory-installed or installed on site</li> </ul>
<b>Interfaces</b>	<ul style="list-style-type: none"> <li>• USB (1.0, 1.1, 2.0, 3.0)</li> <li>• Ethernet TCP-IP 10BaseT, 100BaseT (Traffic Led)</li> <li>• 802.11b/g wireless connection on the Wireless range</li> </ul>
<b>Safety</b>	<ul style="list-style-type: none"> <li>• Support for Kensington® security lock</li> <li>• Data encryption for magnetic encoding</li> </ul>
<b>Display</b>	<ul style="list-style-type: none"> <li>• Printer LEDs, Graphical notifications from the printer: cleaning alerts, empty/low level ribbon alert, etc.</li> </ul>
<b>Card Management &amp; Specifications</b>	<ul style="list-style-type: none"> <li>• Feeder capacity: 100 cards (0.76 mm - 30 mil)</li> <li>• Output hopper capacity: 100 cards (0.76 mm - 30 mil)</li> <li>• Reject tray capacity: 30 cards (0.76 mm - 30 mil)</li> <li>• Card thickness: 0.25 to 1.25 mm (10 to 50 mil) gauge adjustment (0.25 mm - 10 mil only for monochrome printing)</li> </ul>
<b>BadgePass Ribbons</b>	<ul style="list-style-type: none"> <li>• YMCKO: 300 prints/roll</li> <li>• YMCKO-K: 200 prints/roll</li> <li>• 1/2 YMCKO: 400 prints/roll</li> <li>• KO: 600 prints/roll</li> <li>• Clear or holographic patch (0.5 or 0.6 mil): 600 sides/roll</li> <li>• Black monochrome ribbon: 2000 prints/roll</li> <li>• Other monochrome ribbons: 1000 prints/roll</li> </ul>

## BIM005 100

### BadgePass NXT5000 Laminator



#### 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
- Access control badges
- Student IDs
- Healthcare cards
- Event passes
- 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.

#### 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.

#### Lamination

BadgePass NXT5000 is an all-in-one, affordable system for encoding, printing, and laminating your cards, with or without holograms. Your ID cards will have maximum durability and an increased level of security, hence reducing the amount of fraudulent actions. BadgePass NXT5000 prints and laminates up to 215 single-sided cards per hour.