

DATA SHEET

Technical Specifications:	
General Features	<ul style="list-style-type: none"> • Space saving internal installation of optional modules such as bend remedy, flipper, and encoding modules • Electronic security locks (driver driven) for front door and card hopper for utmost security • Automatic ribbon detection and low ribbon warning • Auto cleaning notification • Removable cleaning roller unit for long-term usage and reliable, steady card cleaning • Easy replacement of Ribbons and Retransfer Film via front loading system • Detachable card hopper for 220 cards • Built-in operating panel with LCD for convenient set-up and operation
Supplies	<ul style="list-style-type: none"> • 4 Panel Color Ribbon (YMCK): 1,000 cards/ribbon • 5 Panel Color Ribbon (YMCKK): 750 cards/ribbon • 5 Panel UV Ribbon (YMCK-UV): 750 cards/ribbon • Retransfer Film: 1,000 cards/film
Options	<ul style="list-style-type: none"> • Bend remedy station • Magnetic stripe encoding (HiCo and LoCo) • Contact and contactless chip encoding (Mifare, DESFire, HID iCLASS, etc.) • A variety of chip encoder plug-ins for Advanced CEF • Inline lamination, single and dual-sided
Print Method	• Dye-sublimation retransfer
Print Mode	• Single or dual-sided(optional) over-the-edge retransfer printing
Print Speed	• Under 30 seconds per card (single-sided)
Print Resolution	• 300 dpi
Printhead	• Lifetime warranty (using BadgePass materials)
Card Types	• PVC, Composite PVC, ABS, PET, and Polycarbonate Cards of ISO ID-1/CR-80 size, 3.370" x 2.125"
Card Thickness	• 10 - 40 mil
Input Hopper	<ul style="list-style-type: none"> • 220 cards (30 mil) • 620 cards (10 mil)
Output Hopper	• 115 cards (30 mil)
Interface	• USB 2.0 and Ethernet
Operating System	• Win7, Win8, Win10 (32/64bit)
Printer Dimensions	• 13.5" x 12.6" x 14.7" (WxDxH)
Weight	• 30.6 lbs (excluding optional built-in items)
Power Supply	• 100/120 V and 220/240V, 50/60 Hz FCC, CE, UL, GOST-R, and CCC approved
Operating Environment	• 59°F to 86°C, 35% to 70% noncondensing humidity

NXT5000-R Retransfer Printer BIM005200



Industry Leading Card Production

The modular single or dual-sided NXT5000-R Retransfer Printer was developed for industrial needs in a desktop footprint. With its compact size, the printer delivers the right combination of reliability, performance and affordability for printing durable and secure cards. It almost achieves offset printing quality, even on uneven surface technology cards.

The NXT5000-R prints on a variety of card materials including long-lasting, durable non-PVC cards such as ABS, PET, and Polycarbonate. The lockable, spacious card hopper stores up to 220 blank cards to secure an interrupt-free workflow. The user-friendly front-loading system with replaceable cartridges makes changing supplies fast and simple.

The printer can be equipped according to your specific needs. Optional magnetic stripe, contact and smart card encoding is possible for further demands on card functionality.

Diverse security features such as electronic security lock, Kensington-lock, dye-sublimation UV ink ribbon for invisible security printing, IPSEC for encrypted data transfer through networks, and Security Erase of black data on used supplies help to secure the environment and cards from counterfeiting and to avoid misuse of personal information.