

## P630i & P640i

### ***A Complete Security Solution for Tamper-Resistant ID Cards***

Adding unique security features to ID cards is easier, faster, and more economical with either the P630i (with single-sided lamination) or the P640i (with dual-sided lamination). This next generation printer delivers mission-critical reliability and superior affordability. Protect your ID cards from counterfeiting, alteration or duplication with the P630i or the P640i's customizable levels of security. The printer is one of the first manufactured to offer an extended range of security options for all printing components - cards, ribbons, laminates and printers. When security counts, count on the P630i or the P640i.

#### **Use the P630i or P640i printer for:**

- Agency Licenses
- High Security Access Control ID Cards
- Law Enforcement and Correctional Facility ID Cards
- Airport ID Cards
- Any card application requiring long lasting, secure issuance of tamper-resistant ID's

#### **Many "Best In Class" features:**

- Lowest consumables cost per card in the industry
- Highest production output speed with continuous card loading feature
- Superior print quality for optimal colour fidelity and precision details
- Reliable and easy to use

#### **FEATURES**

- *Full colour dual-sided card printing and single or dual-sided lamination*
- *Micro card positioning for excellent colour registration and superior print quality*
- *Numerous security features (convert printing, Secure ID / Key, ID / Log)*
- *Built-in Ethernet for network capability (optional)*



# P630i & P640i *Technical Details*

## GENERAL SPECIFICATIONS

- Dual-sided printing and one-pass waste-free lamination
- 120 cards/hour dual-sided printing and laminating (YMCK ribbon & 1.0mil laminate both sides)
- Micro-positioning card transport system for enhanced colour photos
- Complete system security features & options for printer, ribbons, laminate, cards, and card issuance process
- Covert printing capability text approx 17 mil high
- Automated card cleaning before printing
- Built-in Ethernet option for networking capability
- Windows® drivers for 2000 and XP with advanced security features (ID/Log & password protection)
- One year printer warranty
- One year (unlimited passes) printhead warranty

## COLOUR PRINTING

- Colour dye sublimation and resin K
- 30 seconds per card (YMCK & dual sided lamination)
- 300 dpi (11.8 dots/mm) print resolution

## BAR CODES

- Bar codes and other symbologies available via Windows driver

## FONTS

- True Type or other type fonts via Windows driver

## CARD SPECIFICATIONS

- Types: PVC Composite
- Card width/length: ISO CR-80 - ISO 7810  
2.12" (54mm) x 3.38" (86mm)
- HiCo Magnetic Stripe - ISO 7811
- Contact Smart Card - ISO 7816 Compliant
- Contactless Smart Card - Mifare® or HID iClass™
- Card thickness: 27 mil - 39 mil
- Card input hopper capacity: 150 cards

## RIBBON SPECIFICATIONS

- YMCK: 600 cards/roll
- YMCKK: 500 cards/roll
- YMCUVK: 500 cards/roll
- Black: 3000 cards/roll
- Cleaning cartridge: cleans 3,000+ cards

## LAMINATE SPECIFICATIONS

- Linerless & wastefree 1.0 mil laminate, 600 cards/roll
- P630i: upper laminate cassette  
P640i : two laminate cassettes (upper & lower)
- Laminates available:
  - clear full size
  - clear for magnetic stripe cards and
  - clear for smart card
- Custom laminates available upon request:
  - Holographic images
  - Special OVD images
  - UV images

## COMMUNICATION INTERFACE

- USB 1.1 (Standard)
- Built-in 10/100 Ethernet (factory installed option)

## MECHANICAL

- Width: 27.5" (699mm) not including exit hopper
- Depth: 9.7" (246mm)
- Height: 11.5" (292mm)
- Weight: 35 lbs (15.9kg)

## ELECTRICAL

- 110 - 240 Volts AC, 50/60 Hz
- FCC Class A, UL, CUL, & CE approved

## ENVIRONMENTAL

- Operating temperature: 50°F to 95°F (10°C to 35°C)
- Operating humidity: 20% to 80% non-condensing
- Storage temperature: -4°F to 158°F (-20°C to 70°C)
- Storage humidity: 5% to 90% non-condensing
- Ventilation: Free air

## OPTIONS

- ID/Key security printing feature
- Magnetic Encoder (HiCo only)
- Smart Card Contact Station
- Smart Card Contactless encoder/reader
- Smart Card Contact encoder/reader
- Linear Bar Code Scanner



Always use TrueColours™  
certified media from NBS Technologies



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