P640i

A Complete Security Solution for Tamper-Resistant ID Cards

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

Use the 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 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)*

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
- Cleaning cartridge: cleans 3,000+ cards

LAMINATE SPECIFICATIONS
- Linerless & wastefree 1.0 mil laminate, 600 cards/roll
- 2 Laminate cassettes (upper & lower)
- Laminates available:
  - Clear full size, clear for magnetic stripe cards and clear for smart cards. Custom laminates available upon request:
    - Holographic images
    - Special OVD images
    - UV images

COMMUNICATION INTERFACE
- USB 1.1 (Standard)
- Factory Installed Options:
  - Built-In Ethernet
  - Bi-directional Parallel with ECP support

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
- Smart Card Contact Station
- Smart Card Contactless encoder/reader
- Smart Card Contact encoder/reader
- Warranty programs

All specifications are subject to change without notice.

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