

PPC™

ID Card Solutions



PPC ID4300 Card Printer



The fast and reliable ID4300 prints photo-like cards for high-volume applications

Utilising the latest in PPC card-printing technology, the ID4300 card printer provides high-volume, high-quality card printing. The printer delivers fast yet reliable performance while offering users exceptional value by lowering the printer's total cost of ownership. Time after time, it prints sharp vivid cards with precise color control. The ID4300 printer has an innovative design. It automatically adjusts to the thickness of the card, and ribbon loading is easy.

With color-coded guides and a clear LCD control panel, it's simple for anyone to use. Choose from numerous encoding and connectivity options, and if extra security or durability are required for cards, wasteless single- or dual-sided lamination is also available. Locking mechanisms protect the printer and media, and software provides further security by tracking and restricting activities as required.

Ideal for

- High-volume environments
 - Service bureaus
 - Identification cards
 - Access control
 - Retail and hospitality
 - Education
- High-security environments
 - Government credentials
 - Secure access control

Choose the ID4300 printer for:

- Performance
- Productivity
- Adaptability
- Cost-efficiency

SPECIFICATIONS AT A GLANCE

Printer Name

ID4300

Standard Features

- 300dpi (11.8 dots/mm) print resolution
- USB 2.0 and Ethernet 10/100 connectivity
- 64 MB memory standard
- Microsoft® Windows-certified drivers
- 200 card capacity feeder (30 mil)
- 15-card reject hopper (30 mil)
- 100-card output hopper (30 mil)
- Single-card-feed capability
- ix Series intelligent media technology
- 21-character x 6-line LCD operator display with configurable soft keys

Optional Features

- Extended product warranty programs
- 250-card capacity output hopper (30 mil)**
- 802.11b/g wireless connectivity**

Printing and Laminating Specifications

- Color dye sublimation or monochrome thermal transfer printing
- Single- and dual-sided printing
- Near-photographic print quality
- Edge-to-edge printing on standard CR-80 media
- Simultaneous printing, encoding, and laminating capability
- One-pass single- and dual-sided wasteless lamination
- 1375 cards/hour monochrome single-sided or 555 cards/hour dual-sided printing
- 300 cards/hour full-color YMCKO single-sided printing
- 225 cards/hour full-color YMCKOK dual-sided printing
- 270 cards/hour full-color YMCK single-sided printing with lamination
- 200 cards/hour full-color YMCKK dual-sided printing with lamination

NOTE: Printing throughput (cards per hour) based on batch printing with USB connectivity. Times may vary depending on the computer configuration.

Encoding Options and Specifications

- Magnetic stripe encoder: AAMVA and ISO 7811 (new and pre-encoded, tracks 1, 2, and 3, high and low coercivity)
- ISO 7816 Smart Card Contact Station for third-party external contact encoders
- Combined MIFARE® ISO 14443 A & B (13.56MHz) contactless and ISO 7816 Contact Encoder with EMV level 1 certification, and PC/SC compliance (supported over USB and Ethernet**)
- UHF Gen 2 RFID Encoder**

Supplies Specifications

- Intelligent technology RFID tags authenticate and automate ix Series ribbons.
- Card-cleaning rollers included with each ribbon carton
- Specially designed cleaning supplies simplify preventative maintenance

True Colours ix Series Ribbons

- YMCK 4-panel: 750 images/roll
- YMCKK 5-panel: 750 images/roll
- YMCUVK 5-panel: 750 images/roll
- Black monochrome: 5000 images/roll
- White monochrome: 2500 images/roll

Card Specifications/ Compatibility

- Card thickness: 10–50 mil (0.25–1.27mm)
- Card size: CR-80, ISO 7810 format, Type ID-1
- Card material: PVC and composite
- Technology cards: contact and contactless smart cards
- Specialty cards: adhesive backed, transparent (IR-blocked), signature panel, and select keytag types

Software

- Microsoft Windows-certified printer drivers with Toolbox utility features: Windows 7, Windows Vista®, Windows Server® 2008 (all 32- and 64-bit-compatible), and Windows XP, Server 2003 (both 32-bit-compatible)

Communications Interfaces

- USB V2.0
- USB supports plug-and-play printer identification
- 10/100 Ethernet
- Ethernet is IPv6-ready

Electrical Specifications

- Auto-switching single-phase AC power
- 90V–264V AC and 47–63Hz (50–60Hz nominal)
- FCC Class A
- ENERGY STAR®-qualified printer

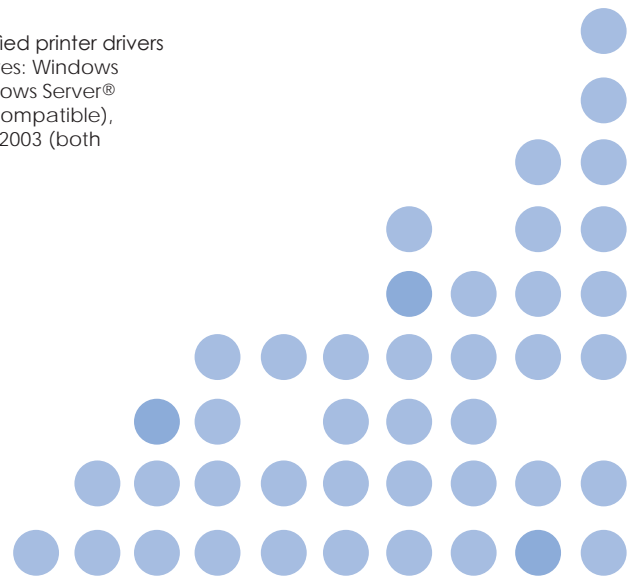
Physical Characteristics

- Height: 12.0" / 306mm
- Width (printer only): 27.5" / 699mm
- Width (printer with laminator): 38.0" / 964mm
- Depth: 10.9" / 277mm
- Weight (printer only): 26.9 lbs/ 12.2 kg
- Weight (printer with laminator): 39.5 lbs/ 17.9 kg

Environmental

- Operating temperature: 59°F/ 15°C to 95°F/ 35°C
- Storage temperature: 23°F/ -5°C to 158°F/ 70°C
- Operating humidity: 20% to 80% inclusive, non-condensing
- Storage humidity: 10% to 90% inclusive, non-condensing
- Media should not be above 140°F/ 60°C for longer than 200 hours, and above 90% relative humidity at 104°F/ 40°C for longer than 100 hours

**Available soon



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