

### POLAROID PHOTO ID CARD PRINTERS

Whether you're just starting a card program or looking for advanced card printing capabilities, Polaroid has an affordable, high-quality printer to meet your needs. Our P3000E Photo ID Card Printer offers speed, value and productivity. The P4000E Card Printer brings you even more advanced features like dual-sided printing, full networking capability, and enhanced security functions. And the P5000E is a single- and double-sided lamination printer that enables you to produce highly-secure ID cards, and features standard Ethernet and USB bi-directional connectivity for all of your networking requirements.

In addition to their advanced capabilities, all of our printers are fully integrated to work seamlessly with our full line of ID Card Maker Software solutions. For high-quality cards printed right every time, choose a Polaroid printer today.



*as answers*

POLAROID COMMERCIAL **ID** SYSTEMS

### THE BRAND YOU KNOW. ID SYSTEMS YOU CAN COUNT ON.

Count on Polaroid Commercial ID Systems to help you create a photo ID program that will serve your needs today and tomorrow. With a full line of innovative, expandable ID systems and comprehensive customized professional services and solutions, the Polaroid ID Systems team can help you design and implement your ID program. Polaroid's ID experts provide the customer service expected of a world-class brand for all Commercial ID products and solutions.

To learn more about Polaroid Commercial ID Systems products and services, contact us today.

### POLAROID COMMERCIAL **ID** SYSTEMS

4650 Executive Boulevard • Fort Wayne, Indiana 46808 USA  
Phone: 1-866 ID PHOTO • Fax: 1-260-483-4287

[www.polaroid-id.com](http://www.polaroid-id.com)



*as FOR THE REAL WORLD*



POLAROID COMMERCIAL **ID** SYSTEMS



## POLAROID P5000E CARD PRINTER

### Standard Features

- ◆ Single- or double-sided, edge-to-edge printing
- ◆ Single- or double-sided lamination
- ◆ Full-color or monochrome printing
- ◆ Full-color printing: Up to 175 cards per hour print speed (YMCK ribbon) with front-side lamination
- ◆ Bi-directional Ethernet and USB connectivity
- ◆ Input hopper holds 100 - .030 in. (.76mm) cards (200 card hopper optional)
- ◆ Output hopper holds 40 - .030 in. (.76mm) cards (100 card hopper optional)
- ◆ Microsoft® Vista®, Windows® 2000 and XP operating system printer driver
- ◆ Driver printer pooling for Vista, Windows 2000 and XP operating systems
- ◆ Polaroid PCID-E Printer Driver

- User-adjustable image and color controls
- User-defined print and topcoat panel blocking region
- Stand-alone printer diagnostics
- Color image preview and color preview test card, provides the ability to load a custom bitmap for the color settings preview
- Online user help via driver and E-guide
- Audit trail, picked card and completed card counters available from driver
- Ability to laminate cards without printing
- The Vista, Windows XP and 2000 operating system driver runs in user mode and installs on Windows Server™ 2003 operating system.

- ◆ LCD panel with audio and visual message prompts
- ◆ Automatic card feed
- ◆ RFID Supplies with enhanced features

- Automatic ribbon identification and validation
- Automatic laminate and topcoat identification and validation
- Automatic printer settings and offsets
- Ribbon low warning
- ◆ Increased capacity user-replaceable cleaning roller
- ◆ Operator-replaceable print heads
- ◆ Easy-change ribbon cartridge replacement
- ◆ Easy-change laminate and topcoat cartridge replacement
- ◆ 24-month standard warranty for printer and printhead

### Standard Specifications

- ◆ Print Capabilities
  - Edge-to-edge printing
  - Continuous-tone, full-color, black-and-white photos
  - Alphanumeric text, logos and digitized signatures
  - Variety of bar codes and background patterns

- ◆ Lamination and topcoat capabilities
  - Single-sided lamination standard with option for dual lamination
  - Both topcoat or patch lamination in any laminator
  - Printer automatically adapts to supply type
  - Superior laminate patch coverage

- ◆ Print resolution: 300 dots per inch; 256 shades

- ◆ Plastic Cards Accepted
  - Size: 3.370 in. (85.6mm) x 2.125 in. (54.0mm)
  - Type: PVC with glossy laminate surface; other core materials with PVC overlaminates are optional
  - Thickness (± 10%):
    - Printing only: 0.020 to 0.050 inches (0.508 to 1.270 mm)
    - Printing and laminating 0.030 to 0.050 inches (0.762 to 1.27 mm)
    - Magnetic stripe (not laminated) 0.020 to 0.040 inches (0.508 to 1.016 mm)
    - Magnetic stripe (laminated) 0.030 to 0.040 inches (0.762 to 1.016 mm)
    - Smart card chip (contact) 0.030 to 0.040 inches (0.762 to 1.016 mm)
    - Smart card chip (non-contact) 0.030 to 0.050 inches (0.762 to 1.270 mm)

- ◆ Electrical Requirements
  - Dual voltage-auto sensing
  - 100/120V, 50/60 Hz and 220/240V, 50/60 Hz

- ◆ Resident Memory: 16MB
- ◆ Climate Conditions
  - 60° to 95°F (15° to 35°C)
  - 20% to 80% non-condensing humidity
- ◆ Storage Conditions
  - 5° to 140°F (-15° to 60°C)
  - 10% to 90% humidity

- ◆ Physical Dimensions
  - Small footprint: 23.1" L x 9.92" W (586.74 mm L x 251.97 mm W)
  - Height: 18.82" to 23.52" (478.03 mm to 597.41 mm) depending on hopper options
  - Weight: less than 27 pounds without supplies

### Supplies

- ◆ Ribbon Kit: 1 print ribbon, one adhesive cleaning sleeve, and one alcohol cleaning card
- ◆ Ribbons Available
  - YMCK (three colors, black) – up to 500 images per roll
  - YMCK-K (three colors, black front, black back) – up to 500 images per roll
  - YMCKT-K (three colors, black front, topcoat, black back) – up to 375 images per roll
  - YMCKF-KT (three colors, black, fluorescent ultraviolet, black, topcoat) – up to 300 images per roll
  - YMCKT-KT (three colors, black, topcoat, black, topcoat) – up to 300 images per roll
  - YMCKT (three colors, black and topcoat) – up to 250 or 500 images per roll
  - YMCKT (three colors short panel, black and topcoat) – up to 650 images per roll
  - KT (black with topcoat) – up to 1000 images per roll
  - K (black) – at least 1500 images per roll
  - Other monochrome colors available (red, dark blue, silver, white, scratch-off gray)

- ◆ Security laminates and topcoats available in standard or custom configurations. Thickness options range from .5 mil to 1.0 mil
- ◆ Cleaning Supplies
  - Alcohol cleaning card and cleaning pen
  - Adhesive cleaning sleeve
- ◆ Storage Conditions for Supplies
  - 32° to 77°F (0° to 25°C)
  - 40% to 60% humidity
  - No direct exposure to sunlight

### Agency Approvals

- ◆ Safety Approvals: CE, UL, cUL
- ◆ FCC Emissions: FCC CFR 47, part 15, subparts b and c, class A
- ◆ European EMC
  - Emissions: EN55022:1998, Class A
  - Immunity: EN55024:1998

- ◆ RTTE: ETSI 300-330-2, ETSI 300-489-3:2000
- ◆ WEEE
- ◆ RoHS

### Options

- ◆ Dual laminator
- ◆ Magnetic stripe encoding: IAT; Dual high and low coercivity; Tracks 1, 2 and 3 (1 track for NTT)
- ◆ Smart card personalization
  - Contact/contactless all-in-one reader
  - Contact station
  - HID® iCLASS® HID PC Prox
- ◆ Magnetic stripe and smart card field upgradeability
- ◆ Hardware lock suite
- ◆ High-capacity 200 card input hopper
- ◆ High-capacity 100 card output hopper
- ◆ Input hopper empty option
- ◆ Laminate and topcoat cartridge assembly
- ◆ Adhesive-backed plastic cards
- ◆ Replacement printheads

\* Microsoft® Vista® printer driver available late summer, 2007



## POLAROID P4000E CARD PRINTER

### Standard Features

- ◆ Single- or double-sided, edge-to-edge printing
- ◆ Full-color or monochrome imaging
- ◆ Full-color printing: Up to 190 cards per hour print speed (YMCKT ribbon); up to 120 cards per hour (YMCKT-KT ribbon)
- ◆ Monochrome printing: Up to 1000 cards per hour print speed (K ribbon)
- ◆ Input hopper holds 100 .030 in. (.76mm) cards (200 card hopper optional)
- ◆ Output hopper holds 40 .030 in. (.76mm) cards
- ◆ Microsoft® Vista®, Windows® 2000 and XP operating system printer driver
- ◆ Driver printer pooling on Windows 2000 and XP operating systems
- ◆ Bi-directional USB connectivity
- ◆ PCID Printer Driver

- User-adjustable image and color controls
- User-defined print and topcoat panel blocking region
- Stand-alone printer diagnostics
- Color image preview and color preview sample card, provides the ability to load a custom bitmap for the color settings preview
- Online user help via driver and E-guide
- The Vista, Windows, XP and 2000 operating system driver runs in user mode installs on Windows Server™ 2003 operating system.

- ◆ Audio and visual message prompts
- ◆ Automatic card feed
- ◆ RFID Supplies with enhanced features

- Automatic ribbon identification and validation
- Automatic printer settings and offsets
- Ribbon low warning

- ◆ Increased capacity user-replaceable cleaning roller
- ◆ Operator-replaceable print heads
- ◆ Easy-to-change ribbon cartridge
- ◆ 24-month standard warranty for printer and print head

### Standard Specifications

- ◆ Print Capabilities
  - Edge-to-edge printing
  - Continuous-tone, full-color and black-and-white photos
  - Alphanumeric text, logos and digitized signatures
  - Variety of bar codes
  - Background patterns

- ◆ Print Resolution: 300 dots per inch, 256 shades
- ◆ Electrical Requirements
  - Dual voltage-auto sensing
  - 100/120V, 50/60 Hz and 220/240V, 50/60 Hz

- ◆ Plastic Cards Accepted
  - Size: 3.375 in. x 2.125 in. (85.7mm x 54.0mm)
  - Type: PVC with glossy laminate surface; other core materials with PVC overlaminates are optional
  - Thickness:
    - .009 in. to .055 in. (.010 in. to .050 in. nominal) (can pass through all options)
    - .018 in. to .040 in. (.020 in. to .037 in. nominal) for magnetic stripe card options
    - .027 in. to .040 in. (.030 in. to .037 in. nominal) for contactless smart card options
    - .027 in. to .040 in. (.030 in. to .050 in. nominal) for contactless smart card options

- ◆ Resident Memory: 16MB
- ◆ Climate Conditions
  - 60° to 95°F (15° to 35°C)
  - 20% to 80% non-condensing humidity
- ◆ Storage Conditions
  - 5° to 140°F (-15° to 60°C)
  - 10% to 90% humidity

- ◆ Physical Dimensions
  - 21.5 in. L x 7.8 in. W x 9.5 in. H (546 mm L x 198 mm W x 241 mm H)
  - Weighs less than 11.5 lbs (5.3 kg) depending on printer configuration options

### Supplies

- ◆ Ribbon Kits: One proprietary print ribbon, one adhesive cleaning sleeve, and one alcohol cleaning card
- ◆ Ribbons Available
  - YMCKT-KT (three colors, black, topcoat, black-topcoat) – up to 300 images per roll
  - YMCKT-K (three colors, true black) – up to 375 images per roll
  - YMCKT (three colors, true black and topcoat) – 650 images per roll
  - YMCKT (three colors short panel, black and topcoat) – up to 650 images per roll
  - K (true black) – 1500 images per roll
  - KT (true black with topcoat) – 1000 images per roll
  - Other monochrome colors available (red, dark blue, silver, gold, metallic silver, metallic gold, white, scratch-off gray, Holographic fleck metallic)

- ◆ Cleaning Supplies
  - Alcohol cleaning card
  - Adhesive cleaning sleeve
  - Alcohol cleaning pen

- ◆ Storage Conditions
  - 32° to 77°F (0° to 25°C)
  - 40% to 60% humidity
  - No direct sunlight

### Agency Approvals

- ◆ Safety Approvals: UL, cUL
- ◆ FCC Emissions: FCC CFR 47, part 15, subparts b and c, class A
- ◆ European EMC
  - Emissions: EN55022:1998
  - Immunity: EN55024:1998

- ◆ RTTE: ETSI 300-330-2, ETSI 300-489-3:2000
- ◆ WEEE
- ◆ RoHS

### Options

- ◆ Magnetic stripe encoding: IAT, Dual high- and low-coercivity, Tracks 1, 2 and 3
- ◆ Smart card personalization
  - Dual contact/contactless SCM reader
  - HID® PC Prox reader
  - HID® iCLASS® reader/writer
  - Contact station
- ◆ Magnetic stripe encoding with smart card personalization
- ◆ Magnetic stripe and smart card field upgradeability
- ◆ 200 card input hopper
- ◆ Lockable input tray
- ◆ Printer-to-desk security lock
- ◆ Bi-directional direct-connect 10 Base-T Ethernet with LCD Display
- ◆ 10/100 mb/s Ethernet option
- ◆ Clear card monochrome printing
- ◆ Input Hopper Empty alert



## POLAROID P3000E CARD PRINTER

### Standard Features

- ◆ Single-sided, edge-to-edge printing
- ◆ Full-color or monochrome imaging
- ◆ Full-color printing: Up to 160 cards per hour print speed (YMCKT ribbon)
- ◆ Monochrome printing: Up to 750 cards per hour print speed (K ribbon)
- ◆ Input hopper holds 100 .030 in. (.76mm) cards
- ◆ Output hopper holds 20 .030 in. (.76mm) cards
- ◆ Microsoft® Vista®, Windows® 2000 and XP operating system printer driver
- ◆ Driver printer pooling on Microsoft® Windows® XP and 2000 operating system
- ◆ Bi-directional USB connectivity
- ◆ PCID Printer Driver

- User-adjustable image and color controls
- User-defined print and topcoat panel blocking region
- Stand-alone printer diagnostics
- Color image preview and color preview sample card, provides the ability to load a custom bitmap for the color settings preview
- Online user help via driver and E-guide
- The Vista, Windows XP and 2000 operating system driver runs in user mode installs on Windows Server™ 2003 operating system.

- ◆ Audio and visual message prompts
- ◆ Automatic card feed
- ◆ RFID Supplies with enhanced features
  - Automatic ribbon identification and validation
  - Automatic printer settings and offsets
  - Ribbon low warning

- ◆ Increased capacity user-replaceable cleaning roller
- ◆ Operator-replaceable print heads
- ◆ Easy-to-change ribbon cartridge
- ◆ 24-month standard warranty for printer and print head

### Standard Specifications

- ◆ Print Capabilities
  - Edge-to-edge printing
  - Continuous-tone, full-color and black-and-white photos
  - Alphanumeric text, logos and digitized signatures
  - Variety of bar codes
  - Background patterns

- ◆ Print Resolution
  - 300 dots per inch, 256 shades

- ◆ Electrical Requirements
  - Dual voltage-auto sensing
  - 100/120V, 50/60 Hz and 220/240V, 50/60 Hz

- ◆ Plastic Cards Accepted
  - Size: 3.375 in. x 2.125 in. (85.7mm x 54.0mm)
  - Type: PVC with glossy laminate surface; other core materials with PVC overlaminates are optional
  - Thickness:
    - .009 in. to .055 in. (.010 in. to .050 in. nominal)
    - .018 in. to .040 in. (.020 in. to .037 in. nominal) for magnetic stripe card options
    - .027 in. to .040 in. (.030 in. to .037 in. nominal) for contactless smart card options
    - .027 in. to .040 in. (.030 in. to .050 in. nominal) for contactless smart card options

- ◆ Resident Memory: 8MB
- ◆ Climate Conditions
  - 60° to 95°F (15° to 35°C)
  - 20% to 80% non-condensing humidity
- ◆ Storage Conditions
  - 5° to 140°F (-15° to 60°C)
  - 10% to 90% humidity

- ◆ Physical Dimensions
  - 16.5 in. L x 7.78 in. W x 9 in. H (419 mm L x 198 mm W x 229 mm H)
  - Weighs less than 9 lbs (4 kg) depending on printer configuration options

### Supplies

- ◆ Ribbon Kits: One proprietary print ribbon, one adhesive cleaning sleeve, and one alcohol cleaning card
- ◆ Ribbons Available
  - YMCKT (three colors, true black and topcoat) – 600 images per roll
  - YMCKT (three colors short panel, black and topcoat) – up to 650 images per roll
  - K (true black) – 1500 images per roll
  - KT (true black with topcoat) – 1000 images per roll
  - Other monochrome colors available (red, dark blue, silver, white, scratch-off gray)

- ◆ Cleaning Supplies
  - Alcohol cleaning card
  - Adhesive cleaning sleeve
  - Alcohol cleaning pen

- ◆ Storage Conditions
  - 32° to 77°F (0° to 25°C)
  - 40% to 60% humidity
  - No direct sunlight

### Agency Approvals

- ◆ Safety Approvals: UL, cUL
- ◆ FCC Emissions: FCC CFR 47, part 15, subparts b and c, class A
- ◆ European EMC
  - Emissions: EN55022:1998
  - Immunity: EN55024:1998

- ◆ RTTE: ETSI 300-330-2, ETSI 300-489-3:2000
- ◆ WEEE
- ◆ RoHS

### Options

- ◆ Magnetic stripe encoding: IAT, dual high- and low-coercivity, tracks 1, 2 and 3
- ◆ Smart card personalization
- ◆ Dual contact/contactless SCM reader
- ◆ Contact station
- ◆ Magnetic stripe encoding with smart card personalization
- ◆ Magnetic stripe and smart card field upgradeability
- ◆ Clear card monochrome printing
- ◆ Input Hopper Empty alert