Polaroid

EAS FOR THE REAL WORLD

POLAROID PHOTO ID CARD PRINTERS

Whether you're just starting an ID card program or looking for advanced card printing capabilities, Polaroid has an affordable, high-quality printer to meet your needs. Our P3000 Photo ID Card Printer offers speed, value and productivity, while the P4000 Photo ID Card Printer brings you even more advanced features like dual-sided printing, full networking capability, and enhanced security functions. Just as important, both 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.

POLAROID COMMERCIAL **ID** SYSTEMS

P3000

Standard Features
◆ Single-sided, edge-to-edge printing
◆ Full-color or monochrome imaging
◆ Full-color printing: Up to 120 cards per hour print speed (YMCKT ribbon)
◆ Monochrome printing: Up to 500 cards per hour print speed (K ribbon)
◆ Input hopper holds 100 .030 in. (.76mm) cards
◆ Output hopper holds 20 .030 in. (.76mm) cards
◆ Microsoft® Windows® 2000, XP printer drivers
◆ Driver printer pooling on Microsoft® Windows® XP and 2000 operating system
◆ 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 Windows XP and 2000 operating system driver runs in user mode and we allow installation 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
◆ Continuous-user-replaceable cleaning sleeve
◆ Operator-replaceable print heads
◆ Easy-to-change ribbon cartridge
◆ 18-month warranty for printer and print head

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 (21)
  - Background patterns
◆ Print Resolution
  - 300 dots per inch
◆ Electrical Requirements
  - Dual voltage-auto sensing
  - 100/120V, 50/60 Hz
  - 220/240V, 50/60 Hz
◆ Communications
  - Bi-directional USB
◆ Plastic Cards Accepted
  - Size: 3.375 in. (85.7mm) x 2.125 in. (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 contacted 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 degrees F (15C to 35C)
  - 20% to 80% non-condensing humidity
◆ Storage Conditions
  - 5 to 140 degrees F (-15C to 60C)
  - 10% to 90% humidity
◆ Physical Dimensions
  - 16.5 in. L x 7.78 in. W x 9 in. H (419 mm x 198 mm x 229 mm)
  - Weighs less than 9 lbs (4 kg) depending on printer configuration options
◆ Shade Count
  - 256 shades

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) – 250 and 500 images per roll
  - K (true black) – 1500 images per roll
  - KT (true black with topcoat) – 1000 images per roll
  - Additional 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 degrees F (0C to 25C)
  - 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

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

P4000

Standard Features
◆ Single- or double-sided, edge-to-edge printing
◆ Full-color or monochrome imaging
◆ Full-color printing: Up to 180 cards per hour print speed (YMCKT ribbon); up to 115 cards per hour (YMCKT-KT ribbon)
◆ Monochrome printing: Up to 700 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
◆ Windows® 2000, Windows® XP printer driver
◆ Driver printer pooling on Microsoft® Windows® 2000 and XP operating systems
◆ USB cable connection
◆ 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 Windows XP and 2000 operating system driver runs in user mode and we allow installation 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
◆ Continuous-user replaceable cleaning sleeve
◆ Operator-replaceable print heads
◆ Easy-to-change ribbon cartridge
◆ 18-month warranty for printer and print head

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 (21)
  - Background patterns
◆ Print Resolution
  - 300 dots per inch
◆ Electrical Requirements
  - Dual voltage-auto sensing
  - 100/120V, 50/60 Hz
  - 220/240V, 50/60 Hz
◆ Communications
  - Bi-directional USB
◆ Plastic Cards Accepted
  - Size: 3.375 in. (85.7mm) x 2.125 in. (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 contacted 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 degrees F (15C to 35C)
  - 20% to 80% non-condensing humidity
◆ Storage Conditions
  - 5 to 140 degrees F (-15C to 60C)
  - 10% to 90% humidity
◆ Physical Dimensions
  - 21.5 in. L x 7.8 in. W x 9.5 in. H (546 mm x 198 mm x 241 mm)
  - Weighs less than 11.5 lbs (5.3 kg) depending on printer configuration options
◆ Shade Count
  - 256 shades

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 (three colors, true black and topcoat) – 250 and 500 images per roll
  - K (true black) – 1500 images per roll
  - KT (true black with topcoat) – 1000 images per roll
  - Additional 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 degrees F (0C to 25C)
  - 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

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 (except with HID PC Prox reader)
◆ 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

Polaroid

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

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