

P4500S Card Printer

Dynamic Identification Printer with SecureShield™ Overlay Technology

Three Year Manufacturer's Warranty

High-Security SecureShield™ Technology

Drop-in Dual-Sided Field Upgrade

Automatic or Manual Card Feed

LCD with Simple Menu Selections

Optional Magnetic Stripe and Smart Card Encoding



The Single to Dual-Sided Upgradable *Polaroid* ID Card Printer.

P4500S Card Printer

The *Polaroid* P4500S features a unique, state-of-the-art configuration that allows a user to upgrade a single-sided P4500S to a dual-sided card printer at any time by placing a specially coded dye film into the printer - no need for additional hardware or tools. It is a seamless upgrade performed by customers which takes seconds and enables dual-sided printing immediately. The dye film is simply an encoded YMCKOK printer ribbon which is programmed to enable the duplexer that already exists in the printer. Purchase a single-sided P4500S now if dual-sided printing might be a future requirement. The P4500S also provides visual security for printed cards with its SecureShield™ Overlay anti-copying watermark. Unlike expensive holographic laminates, the *Polaroid* SecureShield™ Overlay does not add printing cost. Choose from (5) security designs to protect your cards or turn off the security feature if desired.

LCD Display

Colorful LCD display with simple button menu selection

Mag and Smart Card Option

Magnetic stripe and dual contact/contactless smart cards






High-Security SecureShield™ Overlay

Choose from (5) security designs

Hand-Feed Feature

Hand-feed card slot at the front provides users with one-off card printing

SPECIFICATIONS	
PRINTING METHOD	Direct-to-card dye-sublimation/resin thermal transfer and rewritable technology
PRINTING SPEED	Approx: Color 35 seconds each side; mono 7 seconds
PRINTING SIDE	Single-sided printer with flexibility for drop-in field upgrade to dual-sided
CARDS SUPPORTED	Card Size ISO CR80 and CR79 .51mm to 1.02mm (20 mil to 40 mil)
	Card Material PVC blank, magnetic stripe, self-adhesive, & SecureShield™
CARD STORAGE CAPACITY (ISO CR80, ISO 7810)	100 card input hopper; 30 card output hopper
INTERFACE	USB rev.1.1 (USB 2.0 compatible)
SOFTWARE DRIVERS	Compatible with Windows 7®, Vista™, XP™, 2000™ and 2003 Server™
OPERATING ENVIRONMENT	50°F to 85°F (10°C to 30°C)
POWER SUPPLY	External power supply 100-240V 50-60Hz auto-ranging
WEIGHT	12 lbs (5.5 kg)
EXTERNAL DIMENSIONS	17.8" x 8.1" x 9.2" (L x W x H); 453mm x 206mm x 233mm (L x W x H)
DYE FILM	YMCKO 5 panel dye film, 100 images and 300 images
	YMCKOK Dual-sided only, 6 panel dye film, color on front and black on back, 250 images
	ymcKO 5 panel dye film – Half-panel color and full-panel black and overlay, 450 images
	Mono Monochrome resin black dye film, 1000 images (also available in white, green, red, blue, gold and silver)
	KO Black and overlay resin dye film, 600 images
CARD SECURITY	The user has the option to print a SecureShield™ Overlay security watermark across the card surface. When used with the SecureShield™ Patch cards, one area of the SecureShield™ Overlay watermark is highlighted as a high-visibility security seal. A choice of 5 fixed SecureShield™ Overlay patterns are selectable from the printer driver.
WARRANTY	Three year manufacturer's warranty including all parts and labor

SecureShield™ TECHNOLOGY	
SecureShield™ OVERLAY	Print anti-copying watermark across the entire card surface that becomes visible when the card is viewed at an angle. The P4500S SecureShield™ Overlay features 5 standard designs.
SecureShield™ PATCH	Print the SecureShield™ Overlay on the SecureShield™ Patch card stock to produce a highly-visible gold seal on the card.
STANDARD SecureShield™ OVERLAY PATTERNS	    

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