

Card Printers



Professional ID Card Printers

Rio™ Card Printer (PBVP35)

Built tough to withstand the hard work of high throughput jobs, but also ideal for low duty-cycle applications. Downloads and prints a single-sided full color card image (YMCKO) in less than 20 seconds using advanced bidirectional USB or parallel port.

Tango™ Double-Sided Card Printer (PBVP35DO)

The leading printer for high volume printing applications.

The Tango™ downloads and prints a double-sided, full color image in 40 seconds using advanced bi-directional USB or parallel port.

Prints double-sided YMCKOK in around 30 seconds.

Alto™ Card Printer (PBVP43)

The smallest and lightest in its class. This secure, entry-level, hand-fed printer downloads and prints a full color, edge-to-edge image in 30 seconds and features a HoloKote® RFID Custom Key™ facility.

Sicura™ Laminator (PBVP35LAM)

Applies a tough, polyester overlaminate onto pre-printed cards to protect against physical damage and tampering. Overlaminates can feature a custom hologram logo. The Magicard™ Sicura™ can be used in tandem with Rio™ and Tango™ printers or as a stand-alone laminator with the Alto™.

Applications

Access Control	Membership Cards
Barcoded Cards	Official Passes
Business Cards	Photo ID Cards
Loyalty Cards	Visitor IDs
Magstripe Cards	

FEATURES

HoloKote™

Built-in security watermark comes free with every Rio™, Tango™ and Alto™ printer. For highest security and card forgery protection, custom logos can be programmed on a unique Custom Key (limited to custom text only on the Alto™).

HoloPatch™

HoloPatch™ cards have a highly reflective gold “super diffuser” patch which is used in conjunction with the HoloKote™ anticounterfeiting feature to highlight a selected logo for distance visibility. The HoloPatch™ feature can also be applied to customer supplied prox cards if required.

UltraCoverplus®

A free two-year warranty with no-quibble printhead and loaner coverage (standard in US and EU).

Full Bleed

Edge to edge, high-quality 300 dpi images. Supported by Rio™, Tango™ and Alto™

Duplex Printing

Double-sided printing is supported by the Tango™ only.

Mag Stripe

A dual coercivity HiCo/LoCo magstripe encoder option which offers encoding of all three tracks with complete user format flexibility (Alto™ is limited to HiCo and tracks 1 & 2).

Chip Encoding

Optional ISO 7816 internal smart card chip encoding contact station with direct connection to a DB9 connector on the rear of the printer. Can be combined with the Magstripe Encoder option for Rio™ and Tango™ only.

Biometric Encoding

Optional ISO 14443A or B contactless smart card encoder with variants for OmniSmart, I-Class, MIFARE and others. Ideal for biometrics, fares, vending and access control. Rio™ and Tango™ only.

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SPECIFICATIONS

	Rio™/Tango™	Alto™
Print Speed	Rio™, single-sided: 20 seconds. Tango™, double-sided: 40 seconds.	Downloads and prints a full color edge-to-edge image in 30 seconds.
Security Features	HoloKote® anti-forgery protection preconfigured with UltraSecure® logo plus custom security mark when used with the optional HoloKote® Custom Key™. Use of HoloPatch™ cards produces high visibility security seal.	HoloKote® anti forgery mark across face of card. Custom security mark with optional Custom Key™. Use of HoloPatch™ cards produces high visibility security seal. Key controlled printing option with Custom Key™.
Standard Warranty	A FREE two-year warranty which includes full printhead coverage and free loaner service. (US & EU)	
Printer Interface	IEEE standard 1284-1994 compatible (Centronics) parallel port and Universal Serial Bus (USB rev 1.1) port (user choice).	USB rev.1.1 (USB 2.0 compatible).
Software	Supplied with Windows 98, ME, NT4 and 2000, XP driver software.	Supplied with Windows 98, ME, 2000, XP driver software.
Power Source	Autoranging 90 to 265 VAC 47-63 Hz. 100 watts max. load.	External power "brick" for 90-265V 40-60Hz (autoranging).
Card Lamination	The optional Sicura™ (PBVP35LAM) stand alone laminating station can be used to apply a tough, 1 mil (0.0254mm) thick polyester overlamine.	
Dimensions	Rio™: 7.5" W x 8.0"H x 17.5" L (190mm W x 200mm H x 445mm L). Tango™: 7.5" W x 8.0"H x 21.5" L (190mm W x 200mm H x 545mm L).	Alto™: 6.9" W x 8.86"H x 8.27" L (175mm W x 225mm H x 210mm L). Alto™ M: 6.9" W x 8.86"H x 10.04" L (175mm W x 225mm H x 255mm L).
Card Stock	ISO Standard CR80 Card Thickness 0.015" to 0.063" (0.38mm to 1.6mm).	50 30 mil (0.76mm) PVC cards in sealed one shot dispenser. Plain, HoloPatch™ and HiCo™ magstripe cards available.
Card Capacity	100 card feed hopper, 50 output stacker.	50 cards in external dispenser.
Safety	CE certified - UL listed (USA & Canada).	CE certified - UL listing pending (USA & Canada).
EMC	EN 50 081-1 and EN 50 082-1 (Europe), FCC pt 15 curve A (USA) & CSA 08.8 curve A (Canada).	

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ORDERING

PBVP35	Rio™ Single-Sided Printer	PBVP43	Alto™ Single Card Printer
PBVP35DO	Tango™ Two-Sided Printer	PBVP43MO	Alto™ with Magnetic Stripe Encoder
PBVP35MO	Rio™ with Magnetic Stripe Encoder	PBVP43EDF	Alto™ YMCKO Film-100+2 Dispenser only
PBVP35DM	Tango™ with Magnetic Stripe Encoder		Ready-To-Fill 50-Card Capacity Dispensers
PBVP35LAM	Sicura™ Laminator for PBVP35 Series		for Loading Technology Cards
PBVP35CR1	Color Ribbon for PBVP35xx YMCKO - 350 Prints	PBVP43HCF	Alto™ YMCKO Film-100 HoloPatch®
PBVP35CR2	One Side Color & Second Side Black Only for Tango™ Only -YMCKOK - 300 Prints	PBVP43HMCFF	Alto™ YMCKO Film-100 HiCo™ HoloPatch®
PBVP35CKM	Cleaning Kit for PBVP35xx - 10 Cards/2 Pens/3 Cleaning Rollers	PBVP43MCF	Alto™ YMCKO Film-100 HiCo™ PVC
PBVP35HKO	Duplicate HoloKote® Key	PBVP43PCF	Alto™ YMCKO Film-100 PVC Card
PBVP35HKL	HoloKote® Set Up and Key	PBVP43SBCF	Alto™ YMCKO Film-100 Stickyback
PBVP-8-LAM-RIB	Sicura™ Laminate Roll for 250 Cards - 1 Mil	PBVP43CK	Alto™ Cleaning Kit (5 Cleaning Cards, 1 Pen)
		PBVP43HKS	Alto™ HoloKote® Cust Key+Setup

For more information: www.honeywellaccess.com

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