

RP100 Series

RETRANSFER PRINTER

The Best Images from your Desktop ID Card Printer with edge to edge printing

Print your card in high definition full-color with various features

Supports various card sizes: CR79 / CR80 / CR90

High definition image quality – 300 dpi, 256 color per panel

Intuitive touchscreen LCD display

600 dpi simultaneous dual-sided ID card scanner

Highly reliable encoding options: Mag Stripe / IC Contact & RF Contactless Smart Card



Features:

- ❖ 300 dpi high resolution
- ❖ High reliability
- ❖ Fast issuance – up to 150 cards per hour
- ❖ Touch screen LCD display

Options:

- ❖ Single / Dual side printing
- ❖ ID Card Scanner
- ❖ Magnetic / IC Contact / RF Contactless encoding
- ❖ Security option – Physical lock



Peripheral Dynamics Inc.

SCANNING NEW HORIZONS IN DATA ENTRY

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Technical Specifications:

Item	Sub Item	Description
Printer	Print technology	Dye Sublimation retransfer
	Print capabilities	Single & Dual sided printing Full-color and monochrome retransfer
	Print resolution	300 dpi, Y / M / C 256 color per panel
Card	Type	PVC, PET, PETG, ABS, Smart & Mag Stripe cards
	Thickness	30 mil (0.76 mm)
	Format	CR80 (ISO / IEC7810) 85.6 mm x 54 mm / 3.375" x 2.125" CR79 85.7 mm x 52.1 mm / 3.303" x 2.051" CR90 92.2 mm x 60.2 mm / 3.63" x 2.37" (Factory option)
	Capacity	200 input / 150 output
	Film capacity	Clear & Holographic transfer film: 1400 prints / roll
Ribbon	Ribbon capacity	YMCK ribbon: 700 prints / roll Mono K ribbon: 2800 prints / roll
Print Speed	Color	YMC Single-side: 24 sec per card / 150 cards per hour YMC Dual-side: 50 sec per card / 70 cards per hour YMCK Single-side: 27 sec per card / 130 cards per hour YMCK Dual-side: 60 sec per card / 60 cards per hour
	Monochrome	MONO K Single-side: 12 sec per card / 300 cards per hour MONO K Dual-side: 30 sec per card / 120 cards per hour
Display		TFTLCD panel, Size 3.5", Resolution: 480 x 320 Resistive Touchscreen
Optional	Mag Stripe encoding	ISO 7811 – tracks (1,2 and 3) Coercivity: HiCo / LoCo, JIS2
	IC contact smart card encoding	ISO 7816 and EMV (PC / SC-compliant)
	SAM	PLCC 1 (Extra-2 sockets), SIM 4 sockets
	RF Contactless smart card encoding	Mifare, Desfire, ISO 14443 A, B, NFC, Felica (PC / SC or Serial) * Other encoders are available upon request
	Scanner	ID Card scan (600 dpi, simultaneous dual-scan)
Software	Operating system	Windows® 10 / 8.1 / 8 / 7 / Vista® / XP / Server 2012 / Server 2012 R2 / Server 2008 / Server 2008 R2 / Server 2003
	Program	Card Designer 2.0 for easy printing
Interface		USB 2.0 connection, 10 / 100 BASE-T Ethernet
Power		Input: 100V ~ 250V, 50/60 Hz, Output: DC 24V
Environmental operating range		Sheltered office environment 10°C to 30°C (50°F to 85°F)
Weight		13.5 kg (29.76 lb)
Dimensions	With hopper	451 mm L x 270 mm W x 397 mm H (17.76" L x 10.63" W x 15.63" H)
	Without hopper	451 mm L x 270 mm W x 304 mm H (17.76" L x 10.63" W x 11.97" H)
Limited Warranty		3 years * for printer under specific conditions, lifetime warranty on print head