



## Polaroid Digital Identification Systems

### i Series Printers

### Functional Specifications



		P50i	P75i	P100i
<b>General Specifications</b>	Print Time — Color	Under 30 seconds per card, single sided (YMCKO)	144 cards per hr. for color, single side (YMCKO)	102 cards per hr., two sided printing (YMCKOK)
	Print Time — Black & White	4 seconds per card	900 cards per hr. for resin black (K)	900 cards per hr.
	Memory	2 MB Standard Memory	2 MB Memory Standard	4 MB Memory Standard
	Platform Compatibility	Windows Drivers for 98, NT 4.0, 2000, ME, XP	Windows Drivers for 98, NT 4.0, 2000, ME, XP	Windows Drivers for 98, NT 4.0, 2000, ME, XP
<b>Color Printing</b>	Type	Color Dye Sublimation or Monochrome thermal transfer printing	Color Dye Sublimation or Monochrome thermal transfer printing	Color Dye Sublimation or Monochrome thermal transfer printing
	Print Speed	Under 30 seconds per card, single side (YMCKO)	25 seconds per card full color, one side (YMCKO)	35 seconds per card, two sided (YMCKOK)
	Resolution	300 dpi (11.8 dots/mm print resolution)	300 dpi (11.8 dots/mm) print resolution	300 dpi (11.8 dots/mm) print resolution
<b>Bar Codes</b>	Resident Bar Code	Code 39, Code 28 B&C with & without check digit, 2 of 5, & interleaved 2 of 5	Code 39, Code 28 B&C with & without check digit, 2 of 5, & interleaved 2 of 5	Code 39, Code 28 B&C with & without check digit, 2 of 5 & interleaved 2 of 5
	Resident Bar Code	UPC-A, EAN 8 & EAN 13	UPC-A, EAN 8 & EAN 13	UPC-A, EAN 8 & EAN 13
	Two Dimension	PDF-417 2D bar code and other symbologies can be printed via windows drivers	PDF-417 2D bar code and other symbologies can be printed via windows drivers	PDF-417 2D bar code and other symbologies can be printed via windows drivers
<b>Fonts</b>	Standard	Resident: n/a	Resident: n/a	Resident: n/a
	Other	TrueType fonts available via windows driver	TrueType fonts available via windows driver	TrueType fonts available via windows driver
<b>Card Specifications</b>	Card Types	PVC and PVC Composite	PVC and PVC Composite	PVC and PVC Composite
	Card Sizes	Card width/length: ISO CR-80-ISO 7810, 2.12" X 3.38" (54 x 86mm)	Card width/length: ISO CR-80-ISO 7810, 2.12" X 3.38" (54 x 86mm)	Card width/length: ISO CR-80-ISO 7810, 2.12" X 3.38" (54 x 86mm)
	Magnetic Stripe Standard	Magnetic Stripe — ISO 7811	Magnetic Stripe — ISO 7811	Magnetic Stripe — ISO 7811
	Other Card Standards	n/a	Smart Card-ISO 7816-2, graphics quality proximity cards	Smart Card-ISO 7816-2, graphics quality proximity cards
	Card Thickness Capability	30 mil (.76mm)	10 (0.25mm) to 60 mil (1.524mm)	30 mil (.76mm) to 60 mil (1.524mm)
	Card Input Feeder Capacity	50 Cards (30 mil)	75 cards (30 mil)	100 cards (30 mil)
	Card Output Hopper Capacity	20 cards (30 mil)	100 cards (30 mil)	100 cards (30 mil)
<b>Ribbon Specifications</b>	Ribbon Type	Requires use of TrueColors i series ribbon cartridge for full color printing	Requires use of TrueColors i series ribbon for full color printing	Requires use of TrueColors i series ribbon for full color printing
	Black Monochrome	500 cards/cartridge	1500 cards/roll	1500 cards/roll
	Other Monochrome	n/a	1000 cards/roll	1000 cards/roll
	K (dye-Sub) O	n/a	500 cards/roll	500 cards/roll
	K (resin) O	n/a	500 cards/roll	500 cards/roll
	YMCKO	100 cards/cartridge	200 or 330 cards/roll	200 or 330 cards/roll
	YMCKOK	n/a	n/a	170 cards/roll

		<b>P50i</b>	<b>P75i</b>	<b>P100i</b>
<b>Communications Interface</b>	Interface	Centronics Parallel (parallel cable included) and USB	Centronics Parallel (parallel cable included) and USB	Centronics Parallel (parallel cable included) and USB
	Optional	n/a	Ethernet and USB	Ethernet and USB
<b>Mechanical (w or w/o feeder &amp; manual holder)</b>	Structure	Clamshell design enclosure — easy access	Full metal enclosure with viewing window	Full metal enclosure with viewing window
	Width	7.16" (182 mm)	16.68" (426.35 mm)	10.43" (265 mm)
	Depth	11.9" (303 mm)	10.01" (254.31mm)	20.6" (523 mm)
	Height	7.1" (180 mm)	10.47" (265.9 mm)	9.64" (245 mm)
	Weight	6.4 lbs. (2.9 kg)	23 lbs. 7.5 oz. (10.6 kg)	27.75 lb.
<b>Electrical</b>	Voltage	110-240 volts AC, 50-60 Hz (auto switching)	110-240 volts AC, 50-60 Hz (auto switching)	110-240 volts AC, 50-60 Hz (auto switching)
	Certifications	FCC Class B, CE, UL and CUL approved	FCC Class B, CE, UL and CUL approved	FCC Class B, CE, UL and CUL approved
<b>Environmental</b>	Operating Temp.	60° F to 86° F (15° C to 30° C)	60° F to 86° F (15° C to 30° C)	60° F to 86° F (15° C to 30° C)
	Operating Humidity	20% to 65% non condensing	20% to 65% non condensing	20% to 65% non condensing
	Storage Temperature	+23° F to 158° F (-5° C to 70° C)	+23° F to 158° F (-5° C to 70° C)	+23° F to 158° F (-5° C to 70° C)
	Storage Humidity	20% to 70% non condensing	20% to 70% non condensing	20% to 70% non condensing
	Ventilation	Free Air	Free Air	Free Air
<b>Included with Printer</b>	Data Cable	Yes	Yes	Yes
	Power Cord	Yes	Yes	Yes
	Drivers	Yes	Yes	Yes
	CD Manual	Yes	Yes	Yes
	Cleaning Card and Pen	Yes	Yes	Yes
	Parallel Only Standard	No	Yes	Yes
	Registration Card	Yes	Yes	Yes
<b>Options</b>	Smart Card Option	n/a	Smart Card Contact Station (30 mil cards only)	Smart Card Contact Station (30 mil cards only)
	Optional Interface	n/a	Ethernet and USB	Ethernet and USB
	Magnetic Stripe Information	Magnetic Stripe Encoder: Tracks 1 and 2	Magnetic Stripe Encoder: Tracks 1-3	Magnetic Stripe Encoder: Tracks 1-3
	Extended Warranty Program	Yes	Yes	Yes
	Cleaning Supplies	Yes	Yes	Yes
	Service Manual	Yes	Yes	Yes
<b>Features &amp; Benefits</b>	Automatic Detection and Configuration of Ribbon Type	Yes	Yes	Yes
	LCD Message Center (indicates low ribbon/ card remaining counter, out of cards, printer parameters, clean printer, printing status)	n/a	Yes	Yes
	RFID Technology (provides ribbon detection and image counter)	Yes	Yes	Yes
	Small Footprint Ideal for Desktop Usage	Yes	Yes	Yes
<b>Applications</b>	Applications include but are not limited to	Child Care ID's, Visitor Badges, Employee ID's, Low Volume (under 50 cards/day), Membership/Loyalty Cards, Business Cards and Gift Cards	Employee ID's, Visitor Badges, Security Cards, Membership/ Loyalty Cards, Special Event Badges, Child Care ID's and Business Cards	Employee ID's, Visitor Badges, Security Cards, Membership/ Loyalty Cards, Special Event Badges, Child Care ID's and Business Cards