



## PR-s

### print & scan 2 in 1 model

SZ CATIC is one of the key manufacturers of passbook printer in China. Since its first model launched in 2004, PR-s now is the up-to-date product in the market.

PR-s integrates printing and scanning functions in one box. Visual input and output features facilitate users with improved efficient work-flow and better performance.

### Characteristics

- durable printer head: > 600M stroke / wire
- MTBF: 40000 hrs.
- interface: Serial, IEEE1284, USB, 2<sup>nd</sup> serial
- high printing speed: ascii/660cps, kanji/330cps
- high scanning speed:  
b/w: 22in./s(200dpi); 15in./s(300dpi); 3in./s(600dpi)  
color: 7in./s(200dpi); 5in./s(300dpi); 1.6in./s(600dpi)

### Technical Highlight

- support multiple emulations between ports.
- various character tables, supports asian character sets.
- multiple ports shared the printer with different terminals.
- embedded rich of emulations for wide range compatibility.
- various output format available for choice, scanned image could be stored in file type such as bmp, jpg, pdf.
- scanning consecutively proceeds after printing, no need to eject and to again insert document.
- multiple scanning mode: supports b/w, gray level, color.
- image is applicable for OCR recognition.
- image optimization: DSP automatically eliminates boundary outside document to assure quality image output.
- state-of-the-art SMPS: higher power ratio, lower heat radiation; lower ageing rate, longer life-time.
- advanced architecture design in noise and dust-resistant.
- scanner module: high speed scanning data rate upto 30MB/s.
- elegant and easy operation front panel.

## Technical Characteristics

Print Method	24 dot matrix impact					
Processor	16 bits 20MHz					
Memory	main: 32M flash; dynamic: (DRAM) 256KB RAM					
Printer Head	life: > 600M stroke / wire					
	wire: 0.25mm					
	format: lozenge					
Columns	94 col @ 10CPI					
Print Speed		V.H.S	H.S.	draft	N.L.Q	L.Q.
	ascii (10CPI)	660	500	375	185	>125
	kanji (5CPI)	330	250	185	95	70
Resolution		90*180	120*180	180*180	288*180	360*180
Emulations	Olivetti: PR40,PR50,PR54,PR2,PR2E					
	IBM: PPII,X24,4722,4748,9068					
	others: OKI,Epson 1600K,etc.					
Asian Fonts	GB18030-2000,Big5,IBM kanji,unicode,extendable to GB18030-2005					
ASCII Fonts	OCR A-B,Roman,Sans Serif,Italic,etc.					
Character Tables	54 international character sets					
Media Type	cut sheet,voucher,ncr,passbook,etc.					
Paper Path	front-in front-out,front-in rear-out					
Passbook	width: 110-241mm					
	length: 127-220mm(horizontal binding),85-220mm(vertical binding)					
Voucher	width: 65-245mm,length: 70-297mm					
Thickness	2.6mm					
Copy Capability	1+6					
Alignment Angle	15° degree					
Speed of Medium	34cm/s,(80.5 lines/s)					
MTBF	> 40000 hrs.					
Interface	RS-232,IEEE1284,USB					
Noise Level	52dB(A) A4 single sheet (ISO7779 sample)					
	52dB(A) passbook (ISO7779 sample)					
	42dB(A) scanning A4 @600dpi color					
Environment	T: 5-35° C, H: 15-85%					
Dimensions (W/D/H)	384mm * 280mm * 199mm					
Ribbon Cartridge	color	black				
	character	5 Million				
Scanner Device	scanning mode	document feeding				
	sensor	CIS				
Max. Scanning Size	216mm * 356mm					
Scanning Resolution	upper: 600dpi / 300dpi / 200dpi					
	lower: 600dpi / 300dpi / 200dpi					
Scanning Mode	b/w,gray level,color. scanned image applicable to OCR recognition.					
Scanning Speed	b/w	200DPI	300DPI	600DPI		
		22 inches/s	15 inches/s	3 inches/s		
	color	200DPI	300DPI	600DPI		
		7 inches/s	5 inches/s	1.6 inches/s		
Accredited Safety	CCC					
Energy Saving	China Energy Label grade 1					
Power Cord	length: 1.5M / 2.0M (for choice)					
Data Cable Length	1.5M					
Optional Model	embedded w/ magnetic strip read/write					

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