

## *Vertical-Insert 24-Pin Passbook Printer*



# **BP-900KII**

Vertical-Insert 24-Pin Passbook Printer

### **Highlights:**

- Fast printing speed of up to 420 characters per second
- Better connectivity with Standard Parallel & Serial & USB 2.0 Interfaces
- Optimum efficiency with 7-pay forms printout (Original + 6 Copies)
- Trustworthy printhead (500 million strokes)
- Built-in emulation of EPSON ESC/PK2, IBM 2391, OKI 5530SC, Olivetti PR40/PR50/PR2
- Maximum paper thickness of up to 2.8 mm



### Specification:

|                     |                                                                                                                                                                                        |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Print type          | 24-pin impact dot matrix                                                                                                                                                               |
| Print direction     | Bi-directional with logic seeking                                                                                                                                                      |
| Print width         | 94 column (10cpi) / 238.76 mm                                                                                                                                                          |
| Print speed         | Super high speed 420 CPS<br>High speed 320 CPS<br>Normal 115 CPS                                                                                                                       |
| Print head          | Diameter of wire: 0.25mm,<br>Life: 500 million strokes/wire                                                                                                                            |
| Resolution          | 360×360 DPI (Maximum)                                                                                                                                                                  |
| Character sets      | 17 international character sets<br>U.S.A, France, Germany, U.K, Denmark1,<br>Sweden, Italy, Spain1, Japan, Norway,<br>Denmark2, Spain2, Latin Am, Korea, Legal,<br>Netherlands, Turkey |
| Fonts               | Draft, Roman, Sans Serif, Courier, Prestige,<br>Script, OCR-A, OCR-B, Orator                                                                                                           |
| Bar code            | EAN-13, EAN-8, Interleaved 2 of 5,<br>Matrix 2 of 5, Industrial 2 of 5, Code 39,<br>Code 128 B, Code 128 C, NW-7                                                                       |
| Character pitch     | 10CPI, 12CPI, 15CPI, proportional                                                                                                                                                      |
| Line space          | 1/6 inch, 1/8 inch, programmable in 1/360 inch<br>increments                                                                                                                           |
| Emulation           | EPSON ESC/PSK2, IBM 2391, OKI 5530SC,<br>Olivetti PR40/PR50/PR2                                                                                                                        |
| Interface           |                                                                                                                                                                                        |
| Standard            | Bi-directional parallel interface (IEEE-1284<br>nibble mode),<br>USB 2.0 (Full- Speed) interface ×1,<br>RS-232C serial interface ×1                                                    |
| Options             | additional USB 2.0 (Full- Speed) interface ×1,<br>additional RS-232C serial interface ×1,<br>10/100Base-T Ethernet interface                                                           |
| Input Buffer        | 132KB                                                                                                                                                                                  |
| Ribbon              |                                                                                                                                                                                        |
| Model:JMR128        | Life > 8 million characters (draft mode)                                                                                                                                               |
| Model:JMR131        | Life > 12 million characters (draft mode)                                                                                                                                              |
| Control panel       | 4 keys and 2 indicator lights and a LCD display                                                                                                                                        |
| Noise               | <55dB(A)(ISO7779 standard)                                                                                                                                                             |
| Paper feed type     |                                                                                                                                                                                        |
| Cut sheet           | front in, front out, front in, rear out                                                                                                                                                |
| Continuous paper    | rear in, front out                                                                                                                                                                     |
| Paper specification |                                                                                                                                                                                        |
| Cut sheet           | Width: 60~245 mm, Length: 67~558 mm                                                                                                                                                    |
| Continuous paper    | Width: 60~245 mm, Length: ≥67 mm                                                                                                                                                       |
| Passbook            | Width: 100~245 mm, Length: 75~355mm,<br>Thickness of vertical passbook: 2.2 mm,                                                                                                        |

\*The specifications above are subject to be changed without notice.

Jolimark BP-900KII handles thick booklet of up to 2.8mm. With 2 independent paper handlers, it can print on vertically bound booklet which has different thickness on each side. Together with enhanced features such as automatic sheet alignment and automatic print head adjustment, it handles high volumes of passbooks, tickets and other documents with ease.

|                                        |                                                                                                                                                    |                                                                                                                                                                                       |                                                                                         |
|----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
|                                        | Open up thickness difference of right and left<br>sides <1.5 mm                                                                                    |                                                                                                                                                                                       |                                                                                         |
| Max paper thickness                    | 2.8mm                                                                                                                                              |                                                                                                                                                                                       |                                                                                         |
| Copy capability                        | Original+6 copies                                                                                                                                  |                                                                                                                                                                                       |                                                                                         |
| Automatic function                     | Automatic document border detection<br>Automatic paper thickness detection<br>Automatic skew adjust                                                |                                                                                                                                                                                       |                                                                                         |
| Compress set                           | Compressed printing for character and graphics                                                                                                     |                                                                                                                                                                                       |                                                                                         |
| Special function                       | Automatic Pin Break Compensation,<br>Automatic Pin Rotation Replacement,<br>Automatic Emulation Match,<br>Online Parameter Setting,<br>LCD Display |                                                                                                                                                                                       |                                                                                         |
| Dimension                              | 397mm(W) × 287.5mm(D) × 195mm(H)                                                                                                                   |                                                                                                                                                                                       |                                                                                         |
| Weight                                 | Approx. 8.3Kg                                                                                                                                      |                                                                                                                                                                                       |                                                                                         |
| Optional part                          | Dual-side scanner, MSRW (magnetic striperreader)                                                                                                   |                                                                                                                                                                                       |                                                                                         |
| Dual-side scan<br>module optional part | Scan type                                                                                                                                          | Document paper feed                                                                                                                                                                   |                                                                                         |
|                                        | Photoelectricity component                                                                                                                         | CIS                                                                                                                                                                                   |                                                                                         |
|                                        | Scan area                                                                                                                                          | 216 mm ×340 mm                                                                                                                                                                        |                                                                                         |
|                                        | Resolution                                                                                                                                         | Main 600 dpi / 300 dpi<br>Sub 600 dpi / 300 dpi                                                                                                                                       |                                                                                         |
|                                        | Scan speed                                                                                                                                         | Black and white                                                                                                                                                                       | 15 inch/s (300 dpi)<br>5.0 inch/s (600 dpi)                                             |
|                                        |                                                                                                                                                    | Multicolor                                                                                                                                                                            | 7.7 inch/s (300 dpi)<br>1.7 inch/s (600 dpi)                                            |
|                                        | Main function                                                                                                                                      | Support common bill scan and card scan,<br>support the function of print-and-scan,<br>and support dual-side scan, the scan<br>results accord with the OCR recognition<br>requirement. |                                                                                         |
|                                        | Horizontal magnetic<br>stripe reader/writer                                                                                                        | Record code                                                                                                                                                                           | BCD binary system is turned into decimal<br>system,4 bits data, 1 VRC parity control bi |
| Recordable<br>character                |                                                                                                                                                    | The third column of ASCII code chart                                                                                                                                                  |                                                                                         |
| Recordable format                      |                                                                                                                                                    | IBM3604, DIN/ISO, ISO7811, IBM4746,<br>ANSI, HT-2751-CIZ, ISO8484                                                                                                                     |                                                                                         |
| Recordable magnetic<br>track width     |                                                                                                                                                    | 9.7 mm                                                                                                                                                                                |                                                                                         |
| Read magnetic<br>track width           |                                                                                                                                                    | 1.1 mm                                                                                                                                                                                |                                                                                         |
| Paper speed                            |                                                                                                                                                    | 380 mm/s                                                                                                                                                                              |                                                                                         |
| Displacement                           |                                                                                                                                                    | Standard, standard + 10 mm,<br>standard + 20 mm                                                                                                                                       |                                                                                         |
| Regain time                            |                                                                                                                                                    | 1 or 3                                                                                                                                                                                |                                                                                         |
| Stability                              |                                                                                                                                                    | 700000 characters                                                                                                                                                                     |                                                                                         |
| Support font                           |                                                                                                                                                    | E13B, CMC7                                                                                                                                                                            |                                                                                         |
| Reading speed                          |                                                                                                                                                    | 390 mm/s                                                                                                                                                                              |                                                                                         |
| Read-write range                       |                                                                                                                                                    | Can read/write the 2, 3 magnetic tracks<br>information of passbook                                                                                                                    |                                                                                         |

### Environmental conditions

|                    |                                                                   |
|--------------------|-------------------------------------------------------------------|
| Operating          | Temperature: 5~35°C,<br>Humidity: 25%RH~90%RH(No condensation)    |
| Storage            | Temperature: -40~55°C,<br>Humidity: ≤93%RH(40°C, No condensation) |
| Power requirements | Rated voltage: 90~264V,<br>Rated frequency range: 50/60Hz         |
| Safety marks       | GB4943                                                            |

**kabim**  
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DNV ISO 14001

BSI ISO 9001

OHSAS 18001