PB series   passbook printer

CITIC

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SUMMARY OF COMPETENANCE :

- State-of-the-art design
- Durable
- Enhanced endurance
- Localized fonts for Asian markets
- Impeccable printing quality with pins of 0.20 mm
- Faster printing speed
- Multi-emulation embedded
- Multi-data-interface
- Set-up online
- 32 / 64 M Flash ROM for upgrading Firmware & Character sets online
- Low noise level: <54 dBA

IMPECCABLE PRINTING QUALITY

The 24-pin dot matrix printing technology maximises the quality of the PB series. Pins of 0.20mm in diameter are arranged in a lozenge-shaped matrix. This not only further improves the quality of printing resolution, minimises its power consumption, and therefore enhances its durability, but also effectively lowers the noise level.

CHARACTER SETS

The PB series is friendly to Asian markets where printing native characters is needed. It has a rich set of character generators to meet different national requirements. Thanks to the ability of its memory and the versatility of its logic, it embeds Simplified Chinese; Traditional Chinese; Vietnamese; and Korean, etc. With the strong competence supported by the CITIC's R&D, build-to-order (BTO) customisation is also available for other national character sets.

OUTSTANDING PERFORMANCE

Having fulfilled the integration of versatility, printing quality, speed and durability, the PB series an challenge itself to be the most competitive passbook printer on the market today.

ALTERNATIVE OF CHOICE

The PB series commits its outstanding performance and provides existing users of passbook printer with alternative of choice. Furthermore, the CITIC guarantees the technical and logistic support to the PB series, so as to keep the PB series in its leading edge.

EASE OF USE

This is the guiding principle of the PB series product. This versatile printer, with its impressive performance, silent operation and easy document insertion, is the ideal tool for banks, post offices, and government agencies. In addition to its state-of-the-art design, the PB series is system friendly and adaptable to different operating environments.

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Technical Characteristics

Printing Characteristics

Technology
- 24-pin dot matrix

Matrix
- Very High Speed Draft: 24 x 3+2+1
- High Speed Draft: 24 x 4+3+2
- Draft: 24 x 5+4+3
- Near Letter Quality: 24 x 18+6
- Letter Quality: 24 x 36

Fonts
- OCR A-B, ROMAN, Sans Serif, Italic, Bar Code.

Character Sets
- Simplified Chinese (GB 18030)
- Traditional Chinese (Big 5)

Printing Speed (CPS at 10 cpi)
- V.H.S.D.: 377 (PB 2), 495 (PB 3)
- H.S.D.:   354 (PB 2), 465 (PB 3)
- Draft: 263 (PB 2), 345 (PB 3)
- N.L.Q.:   131 (PB 2), 173 (PB 3)
- L.Q.:   87 (PB 2), 114 (PB 3)

Pitch
- 10, 12, 15, 16.6, 17.1 cpi.

Line Length
- 258.76 mm
  (94 columns at 10 cpi).

Line Spacing
- 1/5", 1/6", n/216", n/240".

Copies
- Original + 5 copies

Electrical Characteristics

Voltage
- 110VAC, 60Hz
- 220VAC, 50Hz

Power Consumption
- Standby: 13W
- Printing: 80W (max) - PB 2
             120W (max) - PB 3

Built-in Power Supply

Document Handling
- Feed width: 245 mm
- Completely flat paper feed
- Automatic insertion with auto-border
- Automatic document-thickness monitoring.

Product Series

Model
- PB 2
- PB 3

Interfaces
- S01 (Serial + Parallel)
- S02 (Serial + Parallel + USB)
- S03 (Dual Serial + Parallel)
- S04 (Dual Serial + Dual USB)

Option
- M01 (Horizontal Magnetic Stripe Reader, for PB 3 only)

Emulation
- Olivetti - PR40, PR50, PR54, PR2, PR2E
- IBM - PPII, X24, 4722, 4748, 9068
- OKI - simulate 13.2 inches
- EPSON - simulate 13.6 inches
- HPR 4915
- HITACHI - Passbook Printer
- SHINKO

Dimensions
- Width: 384 mm
- Depth: 280 mm
- Height: 203 mm
- Weight: 10.5 kg.

Noise Level
- < 54 dBA
  (ISO 7779 with ECMA 132 text).

www.szcatic.com

CITIC

code: 0404b24

Company Profile

CITIC was established in 1981 to be the branch company of Shenzhen China National Aero-Technology Import and Export Corporation (Shenzhen CATIC Group) with initial registered capital of RMB 20 Million. CITIC now has subsidiary companies, joint-venture companies, offices, and service depots set up in 40+ key cities in China.

By making use of the competitive advantages of National Aero-Technology, in which it converges the most advanced technologies and knowledge know-how in the nation, CITIC started its business of manufacturing, marketing and selling computer-related hardware in the domestic markets. The company, by then, developed more added values on top of its fundamental competence.

CITIC also positioned itself in the advanced technological sector since it was founded, and is the first company specializing in the specialized printer industry in China.

Early in 1986, being the products distributor of CTC Japan, CITIC successfully developed the first Chinese font card for the CI series of line printer. Same achievement also succeeded on YD series in the later days. The enhancement enabled the line printers to print Chinese characters. This feature fulfilled the demands on huge amount of reports printing in fields of finance, postal services, etc

In 1992, CITIC launched its self-developed 3C-1600K (24-pin wide printer), 3C-2411 (24-pin narrow printer) and 3C-1809 (9-pin Chinese printer), which have been granted the national patents afterward.

With our outstanding ability for localization, over the past 10 years, CITIC has been jointly cooperating with those world-wide brands for the domestic printer markets. For instance,

> With ESPON for localized DFX-8000K high-speed printer
> With MINOLTA Japan for manufacturing high speed laser printer
> With TALLY Germany for high speed laser line printer
> With PRINTRONIX US for line printer
> With OLIVETTI Italy for localized passbook printer

In 2001, CITIC was listed as "National Key Popularizing Model Enterprise for Technological Achievements".

In 2002, CITIC was appraised as "Shenzhen Hi-Tech Enterprise and Software Enterprise" by Shenzhen Municipal Government.

In 2004, the new product, PB2 has been listed as "National Key Popularizing Model Project for Technological Achievements" by National Ministry of Science and Technology.

Technology Prints The Future