HighPrint 4920

Multifunctional document and passbook printer

Ideal for banks and agencies, HighPrint 4920 carries on the successful HighPrint offering by providing customers with process efficiency and ease of use experience. Being compact, durable and environmentally friendly, HighPrint 4920 is the ideal choice.

Superior print quality and speed is achieved with the new 2.3 kHz, 24-pin printhead, plus accurate print positioning and high print resolution. Delivers fast transaction speed with quick prints up to 575cps.

Auto alignment of document and passbook enhances ease of use by allowing any-position paper insertion and ensure print jobs are printed right all the time. It speeds up transaction time and enhances efficiency.

Flexible system integration caters to various business requirements with a wide range of standard connectors and emulations. Additional options for I/O interface expansion board.

Low operation cost and reliability are achieved with long life and easy-to-replace print head, the same ribbon cartridges as HighPrint 4915xe and low power consumption. The innovative print module construction ensures easy maintenance.

Stylish and small footprint design easily fits into office with limited space. Available colors are grey and black.

Further extensions optional available. LC display operator panel, magnetic stripe read and write unit (MSR R/W) for passbook processing and magnetic ink character recognition device (MICR /R) for check processing.

WINCOR NIXDORF

Services

Wincor Nixdorf's fast, professional manufacturer service is available as an option for the HighPrint 4920 as part of the complete solution offer.

Tailored services ensure in-time consumable supply and enable the highest possible system availability worldwide.

Consulting and Integration

Wincor Nixdorf offers a fast and optimal business implementation – from analysis and concept design through to optimal deployment and integration in individual customer scenarios. In Professional Services from Wincor Nixdorf you find an ideal partner for implementing your retail banking process and IT strategy.

Printed in Germany, September 2013

TECHNICAL DATA

Printer type
- Multifunction 24-pin flatbed printer

Housing color
- Light grey or black

Printing method
- Serial, bidirectional logic-seeking

Print head
- 24-pin, 2.3 kHz
- Noise-optimized arrangement
- 500 million dots service life
- Easy replacement

Ribbon
- Fabric ribbon cartridge, black
- Service life in draft characters:
  – 10 million (standard)
  – 16 million (available separately)

Character matrix

	hor. x vert.
Letter quality LQ	36 x 24
Draft quality DQ	12 x 24
Very High Speed Draft VHSD	8 x 24
Graphic resolution (dpi)	360 x 180

Printing speed (10 cpi)
- VHSD   575 cps
- DQ   383 cps
- LQ   128 cps
- OCR A/B   185 cps

Printing widths
- 10 cpi   94 characters
- 12 cpi   112 characters
- 15 cpi   141 characters

Character pitches
Emulation-dependent
- 10, 12, 15, 16.6, 17.1, 20 cpi and proportional font

Line pitches
- 6 and 8 lpi, switchable
- Additional 1/180 inch increments

Font
- VHSD, DQ, LQ (Sans Serif, Roman), OCR A/B, Barcode 39, 2 /5 interleaved

Print attributes
- Bold, italics, underlined, elongated print sub/superscript

Character sets
- IBM PC2 CP437
- ISO 8859-2/-5/-7/-8/-9
- Furthers available on CD-ROM

Paper formats
- Length   66 - 350 mm
- Width   65 - 245 mm

Multiply forms
- Original + 6 copies (NCR forms)

Passbooks
- Vertical and horizontal stitched types
- Thickness up to 2.6 mm, book opened

Interfaces
- Onboard: 1 x RS232; 1 x USB
- Optional: Centronics & 2nd RS232 or 2nd RS232 & 2nd USB

Input buffer
- 128 KB

Emulations
- Epson ESC/P (ND90, 4904/4905/4915)
- IBM 4722/9068 and PP XL24
- Olivetti PR40/PR50/PR2
- Unisys EFPxx/EFxx
- NCR 5023
- OKI

Supply voltage and power consumption

AC 50/60 Hz	110-120V	200-240V
Standby	2.8W	3.5W
Printing	60W	61W

Environmental conditions (EN60721-3-3)
Operational (3k3)
- Temperature: +5°C to 40°C
    +41°F to +104°F
- Humidity: 5% to 85%

Printing noise (EN27779)
- Standby: 0 dB (A)
- Operational LQ: 55 dB(A) = L_{PA}

Options
- LC display with 2 x 16 characters
- MSR R/W for passbook processing
- MICR /R for check processing

Diagnostics functions
- Self-test (while switch on)
- Test printout
- Hex dump
- MSR test (and cleaning function)
- MICR test

Attachment
- CD with drivers and manuals: operation, programming, paper specification, tools for configuration, firmware, code pages

Standard compliance
- IEC 60950-1, EN 60950-1, EN 55022 Class B, EN 55024, EN 60721-3-3, EN 61000-3-2, EN 61000-3-3, FCC, CFR47, part 15, subpart B, Class A, UL 60950-1, GB 25956, GB 4943, GB 9254, GB 17625.1, IS 13252: 2010

Dimensions and weight
- Height: 172 mm   6.69 in
- Width: 380 mm   14.96 in
- Depth: 340 mm   13.39 in
- Weight: < 11 kg   24 lbs

Mean Time Between Failures (MTBF)
- >10,000 hours