Wide Format InkJet Coding Printer
Printable Character height up to 100mm (4") max!

B80 Series

CAVALIER ENTERPRISES

BENTSAI
100MM
Printhead Height

Scan for video

Highest Printable Character Size
- Max Content height: 92 mm.
- Adjustable multi-line printing.
- Flexible layout design and font import.

Variable Print Content
- Text, date, number, barcode, QR code, graphics, logos.
- Supports variable codes from database imports.

Print on Various Substrates
- Water-based and fast dry solvent-based inks.
- Suitable for porous and non-porous materials.

Refillable ink Catridge

8 Hours Continous Printing

300dpi
300 DPI resolution

4GB RAM

**5" Touchscreen
Easy and Quick Input**

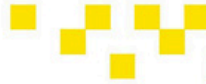Capable of printing text, symbols, signs, QR codes, and serial numbers.

**Color Printing Supported
Easy switching**

Simply replace the cartridge to switch colors. No time-consuming cleaning required.

Flexible & Adjustable Pole Rail

Specially designed rail for utility poles ensures smooth and quick printing.

PRINTER SYSTEM

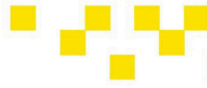|	
DISPLAY	5" HD Touch Screen
OPERATION SYSTEM	Linux based
SYSTEM LANGUAGES	English/German/French/Italian/Spanish/Portuguese/Slovenian/Serbo-Croatian/Czech/Bulgarian/Romanian/Polish/Greek/Hungarian/Russian/Ukrainian/Slovak/Arabic/Persian/Turkish/Chinese/Traditional-Chinese/Japanese/Korean/Hindi/Thai/Vietnamese/Indonesian/Burmese (Available languages vary for different regions)
EMBEDDED MEMORY	4G
STATUS ALARM	Green: Ready | Blue: Printing | Red: Alarm
BATTERY	6000mAh #18650 lithium ion batteries x 2 | Operating time up to 8 hours
WORKING ENVIRONMENT	Storage: -20℃-55℃ | Working: 5℃-35℃ | Humidity: 10%-80%
APPLICATION MODE	HANDHELD/INLINE
POWER PORTS	USB-C 9V/5A Battery Charging
EXTERNAL POWER ADAPTER	IN: AC 100-240V / OUT: DC 9V 5A
I/O PORTS	USB-A, USB-C, Power port, Sensor port, Beacon port, Encoder port
ACCESSORIES	Ink Cartridge *4, U-Disk *1, Positioning Plate *1 AC/DC Power Adaptor *1, Photocell Sensor *1

PRINTING FEATURES

TECHNOLOGY	Thermal inkjet printing technology
CODING & MARKING TYPE	Text, Numbers, Images, Logo, 2D codes, Barcodes, Dates, Counter, Database and etc.
IMAGE FORMATS	JPG, JPEG, PNG, BMP
BARCODE FORMATS	Code128, Code39, EAN8, EAN13, UPCA, ITF(2of5), UPCE
2D CODE FORMATS	QR, DataMatrix
FONTS	True type fonts, Dot-matrix fonts
PRINTABLE MATERIALS	Water-based ink for porous and semi-porous substrates: Paper/Corrugated box/ Wood Fiberboard/Textile and etc. Solvent-based ink for semi-porous and non porous substrates: Plastic/Glass/Metal plate/Alu-foil/Cable and etc.
INK THROW DISTANCE	2mm-5mm (Distance between nozzle plate and print object)
GRAY LEVEL OPTIONS	1-10
INK CARTRIDGES COLORS	Water-based (42ml*1), Color options: Black, Cyan, Magenta, Yellow Solvent-based (42ml*1), Color options: Black, Cyan, Magenta, Yellow, White, Green
PRINT HEIGHT	2.5mm-92mm (1-40 Lines)
RESOLUTION	300 dpi
MAX PRINT SIZE	92mm * 2100mm
MAX PRINT SIZE	566px*12800px
MAX PRINT SPEED	15m / min

PRODUCT MODELS

MODEL NAME	B80 (Supports water-based cartridges only) /B85(supports both water- / solvent- based cartridges)
PRINTHEAD	Four-inch
OPERATING MODE	Handheld / Inline mode
DIMENSION	239mm*182mm*117mm
WEIGHT	1240g
PACKAGING	377mm*177mm*239mm | 3930g

Never Before Handheld Printer

PRINT 4 INCHES TALL

- Print 40 Lines Max
- Variable Data Printing
- Photoelectric Printing

BENTSAI INKJET CODING & MARKING SOLUTIONS
Model: B85
Print Height: 100 mm
MFD: 2024/09/28
EXP: 2026/09/27

MFD: 2024/09/28
EXP: 2026/09/27

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Features & Advantages

Independent printhead, easy to clean, simple maintenance.	Quick and instant on-site printing, cost-saving.
Portable, print anytime and anywhere, suitable for outdoor use.	Patented guide rail for smooth printing on cylindrical utility poles.
Template printing, easy input and edit.	High-resolution output, capable of printing QR code signs.
Specially formulated inks, weather-resistant, not easy to fade.	Multiple color cartridges can be flexibly and quickly replaced.