



- Support downward and sideward



## 8B Series printhead

Model	8A	8B
Technology	Piezoelectric Printing	
Print Engine	RICOH	SEIKO
Print Speed	55 meter/min (High intensity)	1-55 meter/min (180DPI)
Throw Distance	0-5mm (Optimum)	
Resolution	Vertical: 300DPI, Horizontal: 150-1200DPI	Vertical: 180DPI, Horizontal: 180/300/360DPI
Print Height	32.4mm for single head, up to 128mm max	71.8mm for single head, up to 280mm max
Ink Supply	Negative Pressure Continuous Ink Supply System (CISS Globally Patented)	
Print Orientation	Sideward/Downward;	
Ink	UV ink, Oil-based;	
Ink Management	Auto identify ink type and info, auto track ink usage.	
Working Temperature	59F (15C) - 104F(40C)	
Storage Temperature	41F (5C) - 113F(45C)	

## 8A Series Printhead

- 32.4mm Print height for single printhead;
- Flexibly combine, group, separate up to 128mm print height;

Hardware Dimensions	172*87*38mm	226.5*144*43.5mm
Certifications	CE, FCC	

- 71.8mm Print height for single printhead;
- Flexibly combine, group, separate up to 280mm print height;
- Support downward and sideward



## Specifications



single 8A or 8B printhead, also supports working with UV curing system.



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## 81 Series Inkjet Printer

Aztec 81 series High-resolution Piezo inkjet printer allows to connect

It provides various software and hardware interfaces and a complete SDK protocol for integrated development needs.

## 84 Series Inkjet Printer

Aztec 84 series High-resolution Piezo Inkjet printer allows to connect up to four 8A or 8B printheads, also supports working with UV curing system. It provides various software and hardware interfaces and a complete SDK protocol for integrated development needs.



## Used-friendly Interface

8-inch capacitive color touchscreen, Android based interface, easy access to core functions, support various language and input methods.

## Variable Data Printing

Support a wide range of variable data: linear barcode, matrix barcode, date & time, shift, counter, image, database, table.



Matrix Barcode



Linear Barcode



Shift



Counter



Date & Time



Database



## Continuous Ink Supply System (CISS)

Globally patented negative pressure continuous ink supply system makes it more simple, reliable, and Easy to maintain;

Large-capacity centralized ink supply for multiple printheads from single ink bottle greatly reduce the cost of ink usage;

Encrypted smart-chip on ink cartridge prevent illegal ink usage;

## Various software/hardware interface

Provide software development kits, and support various hardware interfaces (PLC, RS232, RS485, Ethernet, etc.) to fulfill various integration needs.



SDK



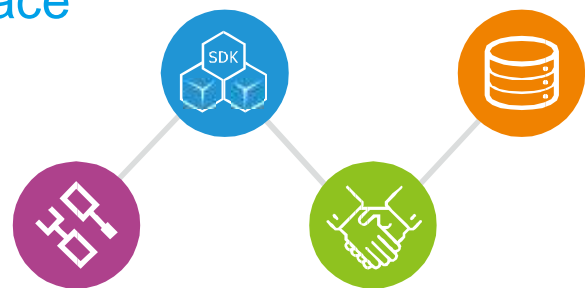
PLC



RS232



RS485



## Meet Customized Needs

Open platform and advanced system structure enable quick response to customized printing needs through plug-ins and updates.



Date & Time



Numeral System



Source

## PC Software




- Message editing , conveniently start printing
- Remotely control device
- Concurrently manage multiple printers
- Printing preview function for quick development



## 951 UV Curing Device

- Connectable lamp qty: 1
- Output power: 500W
- Control mode: Printer centralized control
- System integration: Open framework and communication protocol

## 952 UV Curing Device

-  Cascadable
- Output power: 500W for single channel, 1500W for dual channel
- Control mode: Printer centralized control
- System integration: Open framework and communication protocol



## 921 UV Curing Device

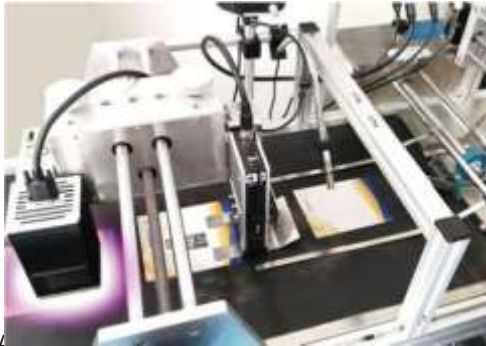
- Connectable lamp qty: 1
- Output power: 250W
- Control mode: Printer centralized control
- System integration: Open framework and communication protocol

## 924 UV Curing Device

- Connectable lamp qty: 4, Cascadable
- Output power: 250W for single channel, 1000W for dual channel
- Control mode: Printer centralized control
- System integration: Open framework and communication protocol



## UV LED Lamp



Applicable Printhead: UV, UV  
 Curing Power: 500W  
 Illumination length: 34mm  
 Illumination Height: 74mm

Applicable Printhead: UV  
 Curing Power: 500W  
 Illumination length: 74mm  
 Illumination Height: 34mm

Applicable Printhead: UV  
 Curing Power: 250W  
 Illumination length: 37mm  
 Illumination Height: 34mm

Applicable Printhead: UV  
 Curing Power: 200W  
 Illumination length: 25mm  
 Illumination Height: 36mm

9LH3474

## Specifications

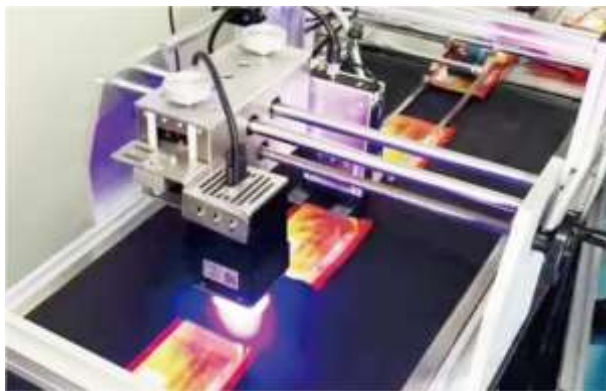
Model	81Series	84Series
Operating System	Android(Controller), Windows(PC).	
Ports	1) 1 printhead connecting port 2) 2 USB ports 3) I/O_1: Tricolor light, PLC, RS485 4) I/O_2: Encoder, photocell, RS232 5) Ethernet	1) 4 printhead connecting ports 2) 2 USB ports 3) I/O_1: Tricolor light, PLC, RS485 4) I/O_2: Encoder, photocell, RS232 5) Ethernet
Display	8-inch industrial capacitive color touchscreen, resolution 1280*800	
Power	110-240V In, 24V 5A Out	
Working Temperature	59F (15C) - 104F(40C)	
Storage Temperature	41F (5C) - 113F(45C)	
Hardware Dimensions	222*143*38mm	
Certifications	CE, FCC	
Language	English(Default) support custom installation.	
Fonts	DroidSansFallback, Arial, and support custom installation of any ttf format font.	
Input Methods	Support any custom installation of Android input method.	



Object Type	Text, Barcode, Image, Shape, Table.
Source Type	Text, Date&Time, Shift, Counter, Manufacture Info, Database Text, Dynamic Text, Database Image, Dynamic Image, Company Logo.
Barcode Types	Linear Barcodes: C25INTER. EAN8/EAN13. GS1 EAN128. CODE39. CODE93. CODE128. CODE128A. CODE128B. CODE128C. UPCA. UPCE. ITF14. RSS14. RSS14STACK. RSS14STACK_OMNI. RSS_LTD. RSS_EXP. RSS_EXPSTACK  Matrix Barcodes: QRCODE. GS1 QRCODE. PDF417. DataMatrix. GS1 DataMatrix. GridMatrix. AZTEC Code
Database	Text. Excel. Access. SQL Server

# Meet Every need in Case coding

- Any size: print height of 71.8mm single head, 280mm Max for stitched head
- Any substrate: Porous corrugated carton and Non-porous laminated carton
- Free combination: Multiple-sides printing simultaneously



## Flexible for Various Applications



Various Spec: Flexible combination of printheads  
with 32.4mm, 71.8mm

Centralized control : Up to 16 printheads

Modular design: One-to-One pairing of UV LED

Substrate Compatibility: Porous and Non-porous materials

# Mounting Modules

Various adjustment modules and anti-collision module provide an easy solution to most common installation needs.



Stainless steel anti-collision plate



Rebound Module



Downward Adjustment Module



Adjustment Module

