



\*\*Media Roll Diameter



120mm diameter  
Model:RX831-V120



80mm diameter  
Model:RX831-V80

# RX831-V120 (RX831-V80)

## Technical Specifications

### 1 Print Characteristics

**-Print Method**

Direct Thermal

**-Print Speed**

Up to 200mm/s

**-Print Resolution**

203dpi

**-Print Width**

72mm(576dots)

**-Sensor**

Cover Open, Paper Presence in entrance,  
Near Paper End, Black Mark

### 2 Media Characteristics

**-Media Type**

Receipt

**-Media Width**

80mm

**\*\*Media Roll Diameter**

80 / 120 mm

**-Media Thickness**

0.05 ~ 0.12 mm

**-Supply Method**

Easy Paper Loading, Side Open

### 3 Physical Characteristics

**-Dimensions(W x L x H,mm)**

1.RX831-V120:130 x 107.9 x 176.1

2.RX831-V80:130 x 93.7 x 162

**-Net Weight(g)**

RX831-V120:752

RX831-V80: 745

**-Power**

External Power Supply Housed Internally  
(Adaptor 24V/2.5A)

### 4 Performance Characteristics

**-NV Image Memory**

256 Kbytes (Mono)

**-Receive Buffer**

16 Kbytes

**-Interface**

USB(V2.0 Full Speed) +  
Serial(9P-Male, Connector type)

### 5 Environment Characteristics

**-Temperature**

Operating: 5~ 55°C

Storage: -20 ~ 70°C

**-Humidity**

Operating: 10 ~ 90% (non-condensing)

Storage: 10 ~ 90% (non-condensing)  
excluding paper

### 6 Reliability

**-Thermal Print Head (TPH)**

150 km

**-Auto Cutter**

1.0 Million Cuts

### 7 Software

**-Emulation**

ESC / POS

**-Driver / Utility**

Windows Driver, Utility Program

**-SDK**

Android, Windows

### 8 Fonts / Graphics / Symbologies

**-Character Size**

1.Font A: 12 x 24 Font B: 9 x 17

2.KOR,CHN,JPA: 24 x 24

**-Characters Per Line**

72mm print width - Font A:48,Font B:64,

Font KOR,CHN,JPA:24

**-Character Sets**

1.Alphanumeric: 95

2.Extended Graphics: 128 x 9page

3.International: 32

**-Graphics**

Supporting user-defined fonts, graphics ,formats  
and logos

**-Barcode Symbologies**

1.1D: Coda Bar, Code 39, Code 93, Code 128, EAN-  
8, EAN-13, ITF, UPC-A, UPC-E

2.2D: PDF417, QR code

### 9 Accessories

1.24V Power Adaptor(3Pin DIN Connector &  
Including power code)

2.9Pin Female to Female type Serial Cable

3.USB A-B Cable

### 10 Options

1.Presenter

2.Presenter + Paper mouth 3.

Queue ticket mouth