

# BK5-31

3-inch Kiosk Label Printer



T&L



Lottery

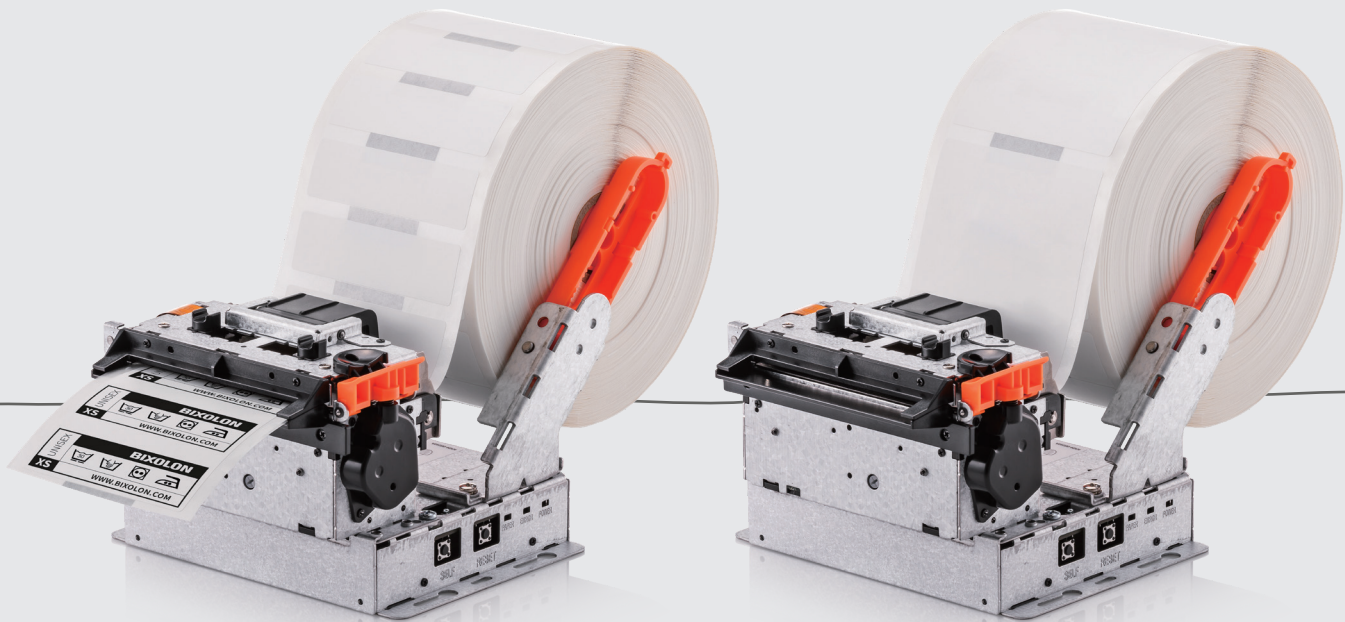


Casino

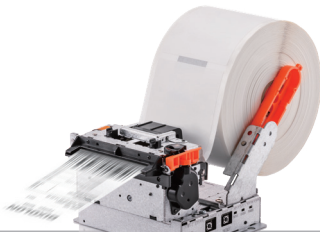


Healthcare

## Highly Dependable and Compatible



203  
dpi



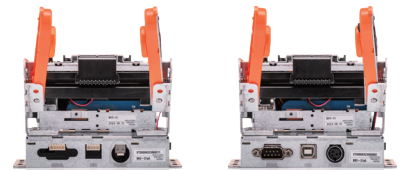
### Reliable Printing Performance

- Fast speeds of up to 150 mm/sec at 203 dpi
- Compatible with ticket, label, and wristband media
- Supporting media with a thickness of up to 0.20 mm for ticket printing
- Reliable operation across a wide range of temperatures



### User-Friendly Design

- Side open-frame design for easy media loading
- Adjustable media widths of 83 / 80 / 60 / 58 / 20 mm
- Compact and lightweight design to fit within constricted spaces
- Improved media detection capabilities with a movable black mark sensor



### Multiple Interface Choice

- Built-in USB + Serial Interface
- Power: DC-Jack or 2P Connector
- Serial: 9P Male or 5P Connector

# BK5-31

## 3-inch Kiosk Label Printer

### Specifications

#### Print Characteristics

**Print Method**

Direct Thermal

**Print Speed**

Up to 150 mm/s

**Print Resolution**

203 dpi

**Print Width**

12 / 48 / 54 / 72 / 80 mm

**Sensor**

Paper End, Cover Open, Near End, Black Mark, Gap Sensor

#### Media Characteristics

**Media Type**

Ticket, Label (Gap, Black Mark)

**Media Width**

20 / 58 / 60 / 80 / 83 mm

**Media Roll Diameter**

130 / 150 mm

**Media Thickness**

0.05 ~ 0.20 mm

**Supply Method**

Easy Paper Loading

#### Physical Characteristics

**Dimensions (W x L x H)**

Media Roll Diameter  $\Phi$ 130: 130 x 181 x 123 mm

Media Roll Diameter  $\Phi$ 150: 130 x 188 x 130 mm

**Weight**

780 g

**Electrical**

100-240 V AV, 50/60 Hz

**Lever Direction**

Right

**Mount Direction**

Horizontal

#### Performance Characteristics

**NV Image Memory**

256 Kbytes (Mono)

**Receive Buffer**

64 Kbytes

**User Define Buffer**

12 Kbytes

**Interface**

USB V2.0 FS+ Serial

**Connector Type**

Power: DC-Jack or 2P Connector

USB: USB B type or 4P Connector

Serial: 9P Male or 5P Connector

#### Environment Characteristics

**Temperature**

Operating: -20 ~ 60 °C (-4 ~ 140 °F)

※ Optimal printing performances and maximum reliability will be obtained between 0 and 40 °C

Storage: -20 ~ 60 °C (-4 ~ 140 °F)

**Humidity**

Operating: 10 ~ 95 % (non-condensing)

Storage: 10 ~ 95 % (non-condensing) excluding paper

#### Software

**Emulation**

BXL / POS

**Driver / Utility**

Windows Driver, OPOS Driver,

Linux / Mac CUPS Driver, Utility Program

**Developer Tools**

Android SDK, Windows SDK, Linux SDK,

Web Print SDK (Windows, Android)

#### Fonts / Graphics / Symbologies

**Character Size**

Font A: 12 x 24 Font B: 9 x 17 Font C: 9 x 24

KOR, CHN, JPN: 24 x 24

**Characters Per Line**

Print width 12 mm :

Font A: 8 Font B, C: 10, KOR, CHN, JPN: 4

Print width 48 mm :

Font A: 32 Font B, C: 42, KOR, CHN, JPN: 16

Print width 54 mm :

Font A: 36 Font B, C: 48, KOR, CHN, JPN: 18

Print width 72 mm :

Font A: 48 Font B, C: 64, KOR, CHN, JPN: 24

**Character Sets**

Alphanumeric: 95

Extended Graphics: 128 x 35 page

International: 32

**Graphics**

Supporting user-defined fonts, graphics, formats and logos

**Barcode Symbologies**

1D: Coda Bar, Code 39, Code 93, Code 128, EAN-8, EAN-13, ITF, UPC-A, UPC-E

2D: Data Matrix, GS1-128, GS1 DataBar Stacked / Omnidirectional / Truncated / Limited / Expanded, PDF417, QR code

#### Accessories

**Optional**

SMPS (DC Jack), SMPS (2P Connector),

Male to Male type Serial Cable,

5P to Male type Serial Cable,

USB A-B Cable 1.8 m, Power Cord

**Option****Bezel**

Non-Bezel / Standard-Bezel (4 types)

