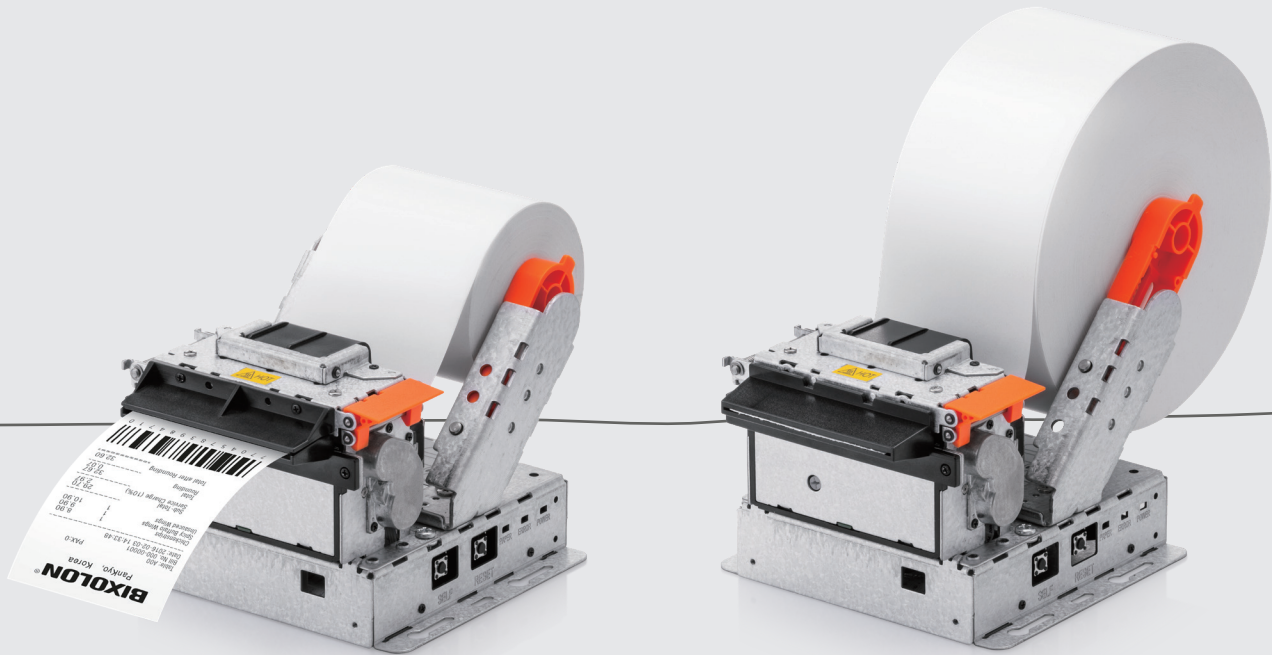


BK3-21

2-inch Kiosk Printer

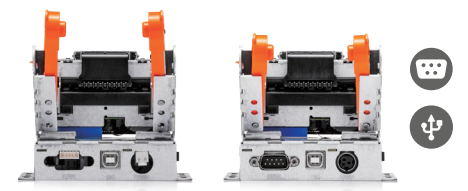
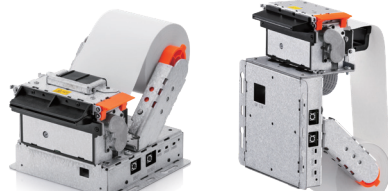
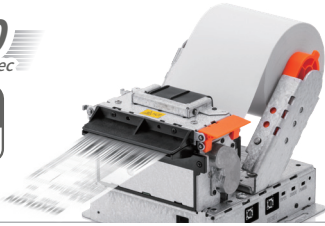


Compact and Reliable



250
mm/sec

203
dpi



Powerful Printing Performance

- Fast speed up to 250 mm per second at 203 dpi
- Long term dependable operation in a wide range of temperature
- Supporting selectable media widths : 20 / 58 / 60 mm
- Diverse drivers and SDKs for major operating systems including Android, Windows, and Linux
- Supporting Paper Saving Mode reducing paper usage up to 25 %

User-Centered Design

- Various configuration options; upper or lower bezels can be tailored for a large variety of applications
- The compact and lightweight design for constricted kiosk spaces
- Easily adjustable media width frame
- Smooth and seamless paper feeding with additional roller-tension
- Power switch and reset button available on both sides of the printer making it easy to reboot

High Flexibility

- USB(V2.0 Full Speed) + Serial(9P-Male, Connector type) connectivity supported for fast and stable communication
- Large paper roll capacity reducing the number of roll changes: Media roll diameter of 80 / 102 / 120 mm
- Multi-Position Near-End-Sensor for efficiently monitoring status of paper

BK3-21

2-inch Kiosk Printer

Specifications

Print Characteristics

Print Method

Direct Thermal

Print Speed

Up to 250 mm/s

Print Resolution

203 dpi

Print Width

12 / 48 / 54 mm

Sensor

Paper End, Cover Open, Near End, Black Mark

Media Characteristics

Media Type

Receipt

Media Width

20 / 58 / 60 mm

Media Roll Diameter

80 / 102 / 120 mm

Media Thickness

0.05 ~ 0.12 mm

Supply Method

Easy Paper Loading

Physical Characteristics

Dimensions (W x L x H)

BK3-21

Media Roll Diameter Φ 80: 109 x 130 x 91 mm

Media Roll Diameter Φ 102: 109 x 137 x 99 mm

Media Roll Diameter Φ 120: 109 x 144 x 105 mm

BK3-21 (Vertical)

Media Roll Diameter Φ 80: 109 x 160 x 91 mm

Media Roll Diameter Φ 102: 109 x 167 x 99 mm

Media Roll Diameter Φ 120: 109 x 173 x 105 mm

Weight

600 g

Electrical

100-240 V AV, 50/60 Hz

Lever Direction

Right

Mount Direction

Horizontal / Vertical

Performance Characteristics

NV Image Memory

256 Kbytes (Mono)

Receive Buffer

64 Kbytes

User Define Buffer

12 Kbytes

Interface

USB (V2.0 Full Speed) + Serial

Connector Type

Power: DC-Jack or 2P Connector

USB: USB B(Default)

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,

Network Auto Installer

SDK / Plugin

Android SDK, Windows SDK, Linux SDK

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

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)