

# BGT-100P

3-inch Thermal mPOS Hub Printer



Retail



Supply Chain Store

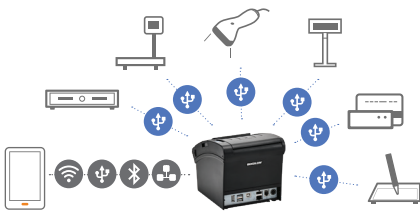
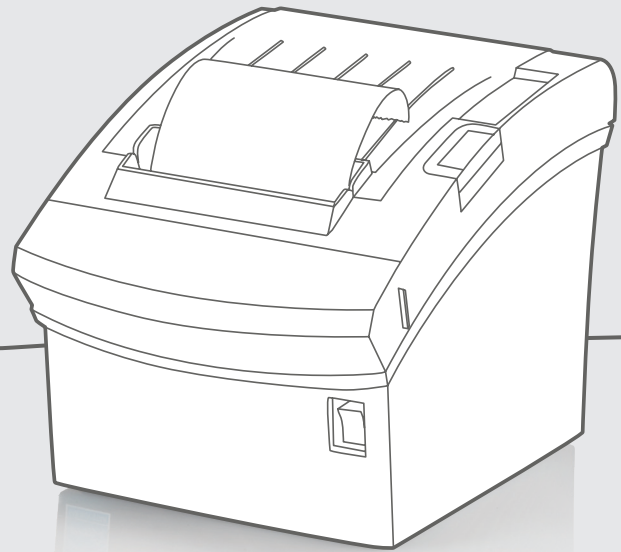


Restaurants & Bars



Coffee Shops

## mPOS Hub Printing Solution



### Build Your Own mPOS Solution

- B-gate SDK controls wired peripherals including: Barcode scanner, customer display, cash drawers, 2nd printer, scales, MSR, RFID Reader, Dallas key reader, NFC reader, Sign pad, etc



### mPOS Ready

- Compatible with Android™, iOS™ and Windows® smart devices
- Bluetooth 5.0 (MFI certified)
- Dual-band WLAN (2.4GHz and 5GHz) - USB dongle



### Multiple Applications

- Designed to speed integration of mobile and online order printing from native, web and cloud-based applications

# BGT-100P

## 3-inch Thermal mPOS Hub Printer

### Specifications

#### Print Characteristics

**Print Method**

Direct Thermal

**Print Speed**

BGT-100P: Up to 300 mm/sec  
BGT-102P: Up to 270 mm/sec

**Print Resolution**

BGT-100P: 180 dpi  
BGT-102P: 203 dpi

**Print Width**

Up to 72 mm

**Sensor**

Paper End, Paper Near End, Cover Open

#### Media Characteristics

**Media Type**

Receipt

**Media Width**

80 mm  
Optional 58 mm

**Media Roll Diameter**

Up to 83 mm

**Media Thickness**

0.05 ~ 0.08mm

**Supply Method**

Easy Paper Loading

#### Physical Characteristics

**Dimensions (W x D x H)**

145 x 200 x 146 mm  
(5.70 x 7.87 x 5.74 inch)

**Weight**

1.56 kg (3.43 lbs.)

**Electrical**

EnergyStar Certified,  
External Power Adaptor 100-240V AV, 50/60Hz

**Drawer Port**

2 ports (via y-type adaptor)

#### Performance Characteristics

**Memory**

64MB SDRAM, 256 Flash

**NV Image Memory**

768 Kbytes (mono)

**Receive Buffer**

4 Kbytes

**User Define Buffer**

12 Kbytes

**Interface**

3 USB Host ports(V2.0 HS) + 1 device port  
(V2.0 HS) + 1 USB Host with charging + Ethernet  
+ Bluetooth + WLAN

Bluetooth: V5.0 (MFi certified)

WLAN: 802.11a/ac/b/g/n USB dongle type  
(Optional)

#### Environment Characteristics

**Temperature**

Operating: 0 ~ 40°C (32 ~ 104°F)  
Storage: -20 ~ 60°C (-4 ~ 140°F)

**Humidity**

Operating: 10 ~ 80% RH  
Storage: 10 ~ 90% RH

#### Software

**Emulation**

BXL / POS

**Driver / Utility**

BGT-100P/102P: Windows Driver, Utility Program

**SDK / Plugin**

BGT-100P/102P:  
B-gate iOS / Android / Windows SDK,  
Chrome SDK, B-gate SDK\_Cloud Server Print,  
B-gate SDK\_Web App Print

**Application**

mPrint Server (Windows, iOS)

**MDM (Optional)**

BIXOLON Profile Manager  
- XPM™, XCM™ (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**

BGT-100P: Font A: 42 Font B, C: 56  
KOR, CHN, JPN: 21

BGT-102P: Font A: 48 Font B, C: 64  
KOR, CHN, JPN: 24

**Character Sets**

Alphanumeric: 95  
Extended Graphics: 128 x 33 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, PDF417, QR code

#### Accessories

**Optional**

Built-in SMPS, Vertical stand, Wall mount,  
Splash Proof Cover, External buzzer,  
B-Melodist, USB A-B Cable 1.8m,  
USB to Serial cable, WLAN Dongle

#### Interface for peripherals

- 4 USB Host (Include one USB charging port)
- USB-to-Serial Gender (Consensus required)

#### Interface for Smart device

- Bluetooth V5.0
- WLAN (Optional USB dongle)
- USB 2.0 HS

#### Software

- SDK Package (iOS, Android, Windows)
- Demo Application (Source Code)

#### Supported peripherals

- Printer
- Customer Display
- MSR, SCR, Barcode Scanner
- Cash Drawer
- Electric Scale
- RFID Reader
- Dallas Key Reader
- NFC Reader
- Sign Pad



BR\_BGT-100P\_EN\_SEP20\_V1

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