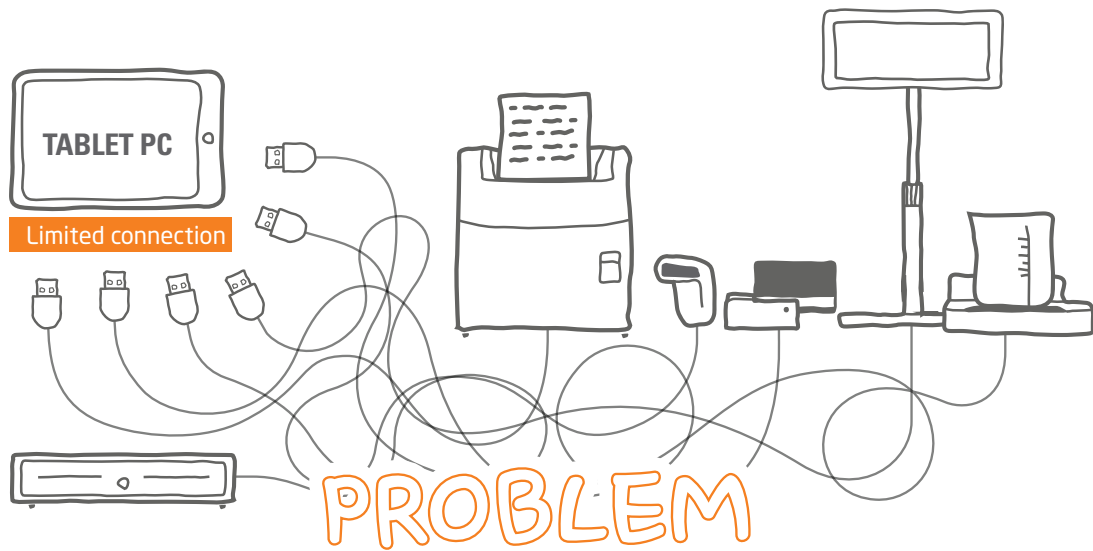




# B-gate

your window into mPOS



B-gate is the a simple way to connect all the traditional POS peripherals with your Tablet-base application.

# B-gate

## Specifications

### Print Characteristics

**Print Method**

Direct Thermal

**Print Speed**

BGT-100P: 300 mm/sec

BGT-102P: 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 (with 2 inch Partition)

**Media Roll Diameter**

Up to 83 mm

**Media Thickness**

0.062 ~ 0.075 mm

**Supply Method**

Easy Paper Loading

### Physical Characteristics

**Dimensions (WxLxD)**

145 x 200 x 146 mm

(5.70 x 7.87 x 5.74 inch)

**Weight**

1.56 kg(3.43 lbs)

**Power**

EnergyStar Certified,

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

**Drawer Port**

2 ports (via y-type adaptor)

### Performance Characteristics

**Memory**

512 Mbit SDRAM, 2Gbit FlashROM

**NV Image Memory**

768 Kbytes (mono)

**Receive Buffer**

4 Kbytes

**User Define Buffer**

12 Kbytes

**Interface**

Multiple Interface

USB Host 4 ports(Include one USB charging port ) &

Device 1 port (V2.0 HS) + Ethernet +

Bluetooth V2.1+ EDR\*\* / WLAN\*

\* WLAN: 802.11b/g/n USB dongle type (optional)

\*\* Bluetooth: Class 1 (100 m), MFi certified

### 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

### Reliability

**Thermal Print Head (TPH)**

150 km

**Auto Cutter**

1.8 Million Cuts

### Software

**Emulation**

BXL / POS

**Driver / Utility**

Utility Program

**SDK**

iOS SDK, Android SDK, Windows 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**

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



### Interface for peripherals

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

### Interface for Smart device

- Bluetooth 2.1+EDR
- 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

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