Retail Store   Supply Chain Store   Hypermarket   Restaurants & Bars   Quick Service Restaurants   Coffee Shops

B-gate

your window into mPOS

TABLET PC

Limited connection
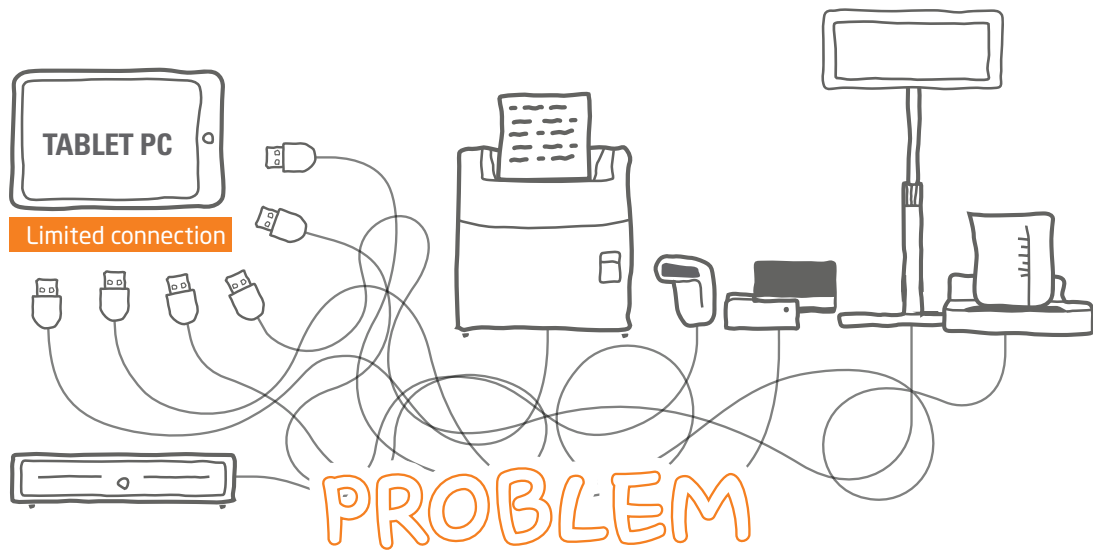
PROBLEM...

Perfect Solution
for **mPOS**

B-gate

Control POS
peripherals by USB

iOS

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

BIXOLON®
a Better Solution for your Business™

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℃ (32 ~ 104℉)
Storage: -20 ~ 60℃ (-4 ~ 140℉)

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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Contact Us: If you have further enquiries, please contact us for more information & discussion.

BIXOLON ®　　**lIIT milliontech**

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