



Retail



Supply
Chain
Store



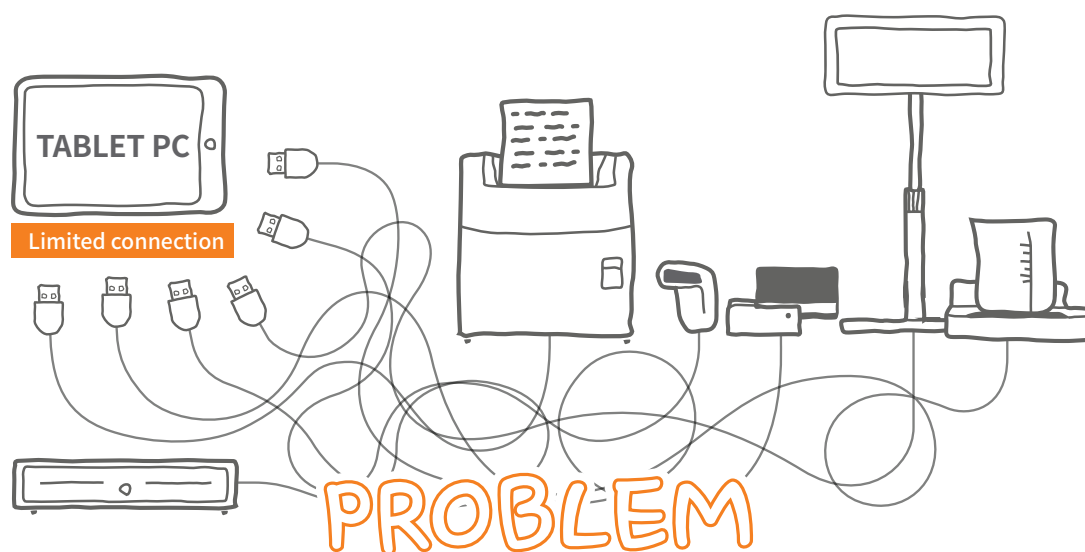
Restaurants &
Bars



Coffee
Shops

BGT-100Pt

your window into mPOS



BGT-100Pt is the a simple way to connect all the traditional POS peripherals with your Tablet-base application.

BIXOLON®
a Better Solution for your Business™

BGT-100Pt

Specifications

Print Characteristics

Print Method

Direct Thermal

Print Speed

BGT-100Pt: Up to 300 mm/sec

BGT-102Pt: Up to 270 mm/sec

Print Resolution

BGT-100Pt: 180 dpi

BGT-102Pt: 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 (N type)

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 AC, 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
+ Bluetooth¹ + WLAN²

Bluetooth¹: V4.2 Classic / LE, Class 1,
MFi certified

WLAN²: 802.11a/ac/b/g/n(2.4G+5G)
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

Reliability

Thermal Print Head (TPH)

150 km

Auto Cutter

1.8 Million Cuts

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)

Fonts / Graphics / Symbolologies

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

SRP-350plusIII: Font A: 42 Font B, C: 56

KOR, CHN, JPN: 21

SRP-352plusIII: 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 Symbolologies

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

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 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



BR_BGT-100Pt_EN_FEB20_V1

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