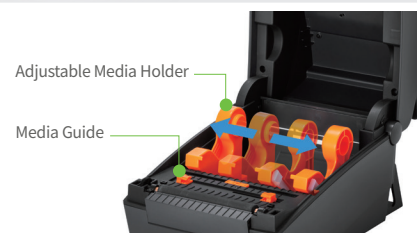
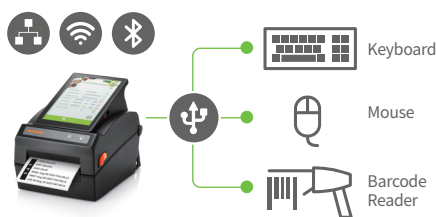
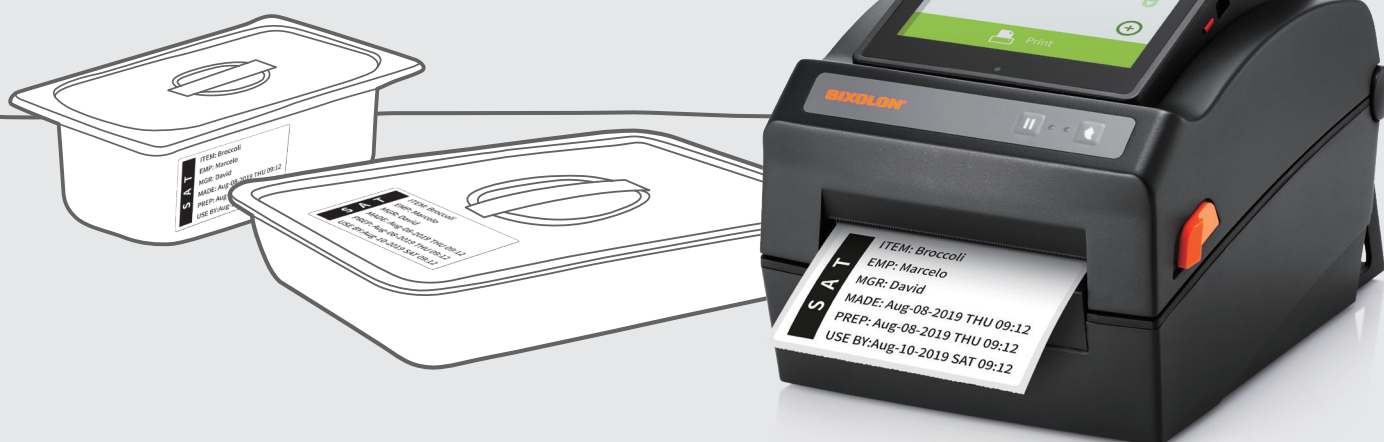


# XQ-840

Android Tablet Embedded  
4 inch Direct Thermal Label Printer



## Unique and Independent



### Functional Operations

- Fast processing and print speeds up to 6ips
- Built-in 5 Mega Pixel camera to quickly scan barcodes
- Compatible with BPL-Z™, BPL-E™ as well as SLCST™, BXL/POS
- Exclusive App - Food Safety Label, Label Artist™ Mobile, BIXOLON Downloader
- Diverse SDKs supported for building customer applications
- Optional BIXOLON's web-based printer profile management (XCM™)

### Seamless Connectivity

- USB and Ethernet connection between tablet and printer for fast and accurate data transmission
- 2 USB Host Ports + Ethernet + WLAN + Bluetooth interface supported for Tablet

### Ergonomic Design

- Anti-theft, water and dust resistant design
- 8-inch Android Tablet with multi-touch screen
- Field installable Peeler and Auto Cutter
- Adjustable Media Holders and Guides

# XQ-840

Android Tablet Embedded  
4 inch Direct Thermal Label Printer

## Specifications

### Printer Specifications

#### Print Method

Direct Thermal

#### Print Speed

XQ-840: Up to 6 ips (152 mm/sec)  
XQ-843: Up to 4 ips (100 mm/sec)

#### Print Resolution

XQ-840: 203 dpi  
XQ-843: 300 dpi

#### Print Width

XQ-840: Up to 108 mm  
XQ-843: Up to 105.7 mm

#### Print Length

Up to 1,000 mm

#### Sensor

Transmissive, Reflective (Adjustable),  
Head Open

### Media Characteristics

#### Media Type

Gap, Black Mark, Notch, Continuous, Fan-Fold

#### Media Width

15 ~ 118 mm

#### Media Roll Diameter

Up to 130 mm

#### Media Thickness

0.06 ~ 0.20 mm

#### Supply Method

Easy Paper Loading

#### Inner Core

25.4 ~ 38.1mm

### Physical Characteristics

#### Dimensions (WxDxH)

194 x 273 x 212 mm  
(7.63 x 10.74 x 8.34 inch)

#### Weight

2.2 kg (4.85 lbs.)

#### Electrical

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

#### Display

8inch IPS TFT LCD (800 x 1280)  
Android 7.0

#### Camera

5MP Auto focus

### Performance Characteristics

#### Memory

Printer: 64 MB SDRAM, 128 MB Flash  
Tablet: 1GB RAM, 8GB Flash

#### Interface

Tablet:  
2 USB Host ports + Ethernet + WLAN<sup>2</sup> +  
Bluetooth<sup>3</sup>

2 USB Host ports: For scanner or keyboard or  
mouse

WLAN<sup>2</sup>: 802.11a/b/g/n/ac, 2.4G and 5G  
Bluetooth<sup>3</sup>: V4.2 Classic / LE

#### Real Time Clock

Supported

### 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

SLCS™, BPL-Z™ (ZPLII), BPL-E™ (EPL),  
BXL / POS (ESC / POS)

#### SDK / Plugin

Android SDK, Xamarin SDK (Android)

#### Application

Label Artist™ Mobile (Android),  
Food Safety Label App (Android),  
BIXOLON Utility

#### MDM

BIXOLON Profile Manager - XCM™ (Android)

### Fonts / Graphics / Symbologies

#### Fonts

Bitmap Fonts (SLCS™, BPL-Z, BPL-E) /  
Scalable Fonts (SLCS™, BPL-Z) /  
Unicode supported (UTF-8, UTF-16LE,  
UTF-16BE)

#### Graphics

Supporting user-defined fonts, graphics,  
formats and logos

#### Barcode Symbologies

1D: Codabar, Code 11, Code 39, Code 93,  
Code 128, EAN-13, EAN-8, Industrial 2-of-5,  
Interleaved 2-of-5, Logmars, MSI, Plessey,  
Postnet, GS1 DataBar (RSS-14),  
Standard 2-of-5, UPC / EAN extensions,  
UPC-A, UPC-E, IMB  
2D: Aztec, Codablock, Code 49, Data Matrix,  
MaxiCode, MicroPDF417, PDF417, QR code,  
TLC 39

### Accessories

#### Standard

Micro USB (5P)

#### Optional

Peeler, Auto Cutter



BR\_XQ-840\_EN\_FEB20\_V1

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