

# XM7 Series

## Mobile Label Printers



Logistics



Field Service



Retail



Healthcare

# Powerful and Rugged



XM7-20

XM7-30

XM7-40


  
RFID
   
XM7-40R

 SAP® Member Silver
   
Preferred Vendor Program

 SOTI CONNECT

 XPM
   
BIXOLON


NFC

### Ultimate Printing Capability

- Fully compatible with SLCS, BPL-Z™, BPL-C™ and BXL / POS : Interchanged without setting the mode
- Fast Liner & Linerless label printing
- Supports UHF RFID print and encode capability plus minimum encoding inlay pitch of 0.6 inch (XM7-40R)
- Smart Media Detection™
- Anywhere Anyfont™ (Unicode)
- Direct printing from the SAP® Smart Forms
- Compatible with diverse MDM solutions (SOTI Connect and BIXOLON Profile Manager XPM™, XCM™)

### Exceptional Mobility

- Smart battery providing visibility over status and life cycle
- Simultaneously connects both Bluetooth® and Dual-band Wireless Lan (2.4GHz and 5GHz)
- Supporting all major operating systems
- Easy Bluetooth Pairing™
- SoftAP(Captive Portal), Simple Wi-Fi set up to a mobile device



IP54

2.1m

### Ergonomic and Industrial Design

- Built with a large colour display for easy set-up and battery status management
- Embedded Peeler and paper guide
- Up to 2.1 m / 7 ft. drop rate (XM7-30, XM7-20)
- IP54 water and dust proof
- USB Type-C® cable power delivery charging and data communication

# BIXOLON

a Better Solution for your Business™

# XM7 Series

## Mobile Label Printers

9x  
**No.1** MOBILE  
RECEIPT  
PRINTER  
MANUFACTURER



Reported by  
Chunichisha

## Specifications

### Printer Specifications

#### Print Method

Direct Thermal

#### Print Speed

XM7-40, XM7-30: Up to 5 ips  
(127 mm/sec - Liner, Linerless)

XM7-20: Up to 6 ips  
(152 mm/sec - Liner, Linerless)

#### Print Resolution

203 dpi

#### Print Width

XM7-40: Up to 104 mm  
XM7-30: Up to 72 mm  
XM7-20: Up to 48 mm

#### Sensing

Paper End, Gap, Black Mark, Paper Cover Open, Peel-off

### Media Characteristics

#### Media Type

Liner, Notch, Receipt  
Optional: Linerless, RFID Tag (XM7-40R only)

#### Media Width

XM7-40: 50 ~ 112 mm  
XM7-30: 25 ~ 80 mm  
XM7-20: 25 ~ 58 mm

#### Media Roll Diameter

XM7-40, XM7-30: Up to 66 mm  
XM7-20: Up to 57 mm

#### Media Thickness

0.07 ~ 0.19 mm

#### Media Inner Core

19 mm, 12 mm

#### Supply Method

Easy Paper Loading

### Physical Characteristics

#### Dimensions (W x L x H)

XM7-40: 158 x 186 x 82 mm (6.23 x 7.33 x 3.23 inch)  
XM7-30: 119 x 180 x 79 mm (4.69 x 7.09 x 3.12 inch)  
XM7-20: 93 x 168 x 69 mm (3.66 x 6.61 x 2.72 inch)

#### Weight

XM7-40: Including battery: approx. 1,090 g (2.41 lbs)  
Paper: approx. 360 g (0.79 lbs.)  
XM7-30: Including battery: 795 g (1.76 lbs.)  
Paper: 260 g (0.58 lbs.)  
XM7-20: Including battery: 600 g (1.32 lbs.)  
Paper: 120 g (0.26 lbs.)

### Physical Characteristics

#### Electrical

EnergyStar Certified,  
USB Type-C Power delivery charging support  
XM7-40: 7.2 V Li-ion, 6800 mAh (Nominal)  
Smart Battery, Rechargeable

XM7-30: Standard: 7.2 V Li-ion, 3400 mAh (Nominal)  
Smart Battery, Rechargeable  
Optional: 7.3 V Li-ion, 2850 mAh (Nominal),  
Rechargeable

XM7-20: Standard: 7.3 V Li-ion, 2850 mAh (Nominal),  
Rechargeable  
Optional: 7.2 V Li-ion, 3400 mAh (Nominal)  
Smart Battery, Rechargeable

#### Peeler

Supported

#### Media Holder

Yes (Inner core: 19 mm)

#### Display

TFT LCD (IPS, 240 x 320 pixels)

### Performance Characteristics

#### Memory

128 MB SDRAM, 256 MB Flash  
256 MB SDRAM, 512 MB Flash (Optional)

#### Interface

Standard: USB V2.0 HS + Serial  
Optional: USB V2.0 HS + Serial + Bluetooth / WLAN /  
Dual (Bluetooth + WLAN)

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WLAN: 802.11a/b/g/n (Infrastructure, Ad-hoc, Wi-Fi  
Direct, SoftAP) - WEP40/104, WPA1/2 (PSK, EAP)  
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Easy Bluetooth Pairing™ via NFC

### Environment Characteristics

#### Temperature

Operating: -15 ~ 50°C (5 ~ 122°F)  
Storage: -30 ~ 70°C (-22 ~ 158°F)

#### Humidity

Operating: 10 ~ 80% RH

#### Sealing

IP54

#### Drop Rate

XM7-40: 1.8 m (6 ft.), XM7-20: 2.1 m (7 ft.)

### Software

#### Emulation

SLCS, BPL-Z™, BPL-C™, BXL / POS  
XM7-40R (RFID): SLCS, BPL-Z™

#### Driver / Utility

Windows Driver (Europlus/Seagull), Utility Program,  
Linux/Mac CUPS Driver, Virtual COM USB Driver,  
Label Artist-II™, Bartender UL, OPOS/JPOS Driver,  
SAP® Device Driver, Network Auto Installer

#### SDK / Plugin

Android/iOS/Windows SDK, Linux SDK, Chrome SDK,  
Xamarin SDK, Web Print SDK, Cordova Plugin

### Application

Label Artist™ Mobile (Android, iOS),  
mPrint App (Android, iOS)

### MDM (Optional)

BIXOLON Profile Manager - XPM™, XCM™ (Windows,  
Android), SOTI Connect supported

### Fonts / Graphics / Symbologies

#### Fonts

Bitmap Fonts (10 SLCS™, 16 BPL-Z™, 7 BPL-C™),  
Scalable Fonts (1 SLCS™, 1 BPL-Z™), 23 Code page,  
Unicode supported (UTF-8, UTF-16LE, UTF-16BE)

#### Graphics

Supporting user-defined fonts, graphics, formats,  
layouts 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

XM7-40, XM7-30:  
Belt Strap, Smart Battery, AC/DC Adapter,  
Power Cord, Media Disk (Inner core: 12 mm)

#### XM7-20:

Belt Strap, Battery Pack, SMPS, Power Cord,  
Media Disk (Inner core: 12 mm)

#### Optional

Shoulder Strap, Single Battery Charger,  
Quad Battery Charger, Vehicle Adapter, Battery,  
Single Docking Cradle (XM7-20 only),  
Serial/USB Cable, Fixed Serial/USB Cable,  
Vehicle Holder, Smart Battery (XM7-20 only)

### Supplies

Compatible with B-linerless™ BIXOLON's flexible  
and ecological linerless label consumables

### RFID (XM7-40R only)

#### Frequency

UHF, 865 ~ 868MHz (EU), 902 ~ 928MHz (KR, USA)

#### Transmit Power

1W

#### Modulation

ASK

#### Protocol

ISO 18000-6C (EPC Class1 Gen2)

#### Tag Pitch

Min 16 mm