

# XM7 Series

## Mobile Label Printers



Logistics

Field  
Service

Retail



Healthcare

# Powerful and Rugged



XM7-20

XM7-40



XM7-40R



XM7-20

XM7-40 / XM7-40R



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 (16mm)
- Smart Media Detection™
- Direct printing from the SAP® Smart Forms
- BIXOLON Profile Manager XPM™, XCM™

### Exceptional Mobility

- Smart battery providing visibility over status and life cycle
- Simultaneously connects both Bluetooth 5.0 (MFi certified) and Dual-band WLAN (2.4GHz and 5GHz)
- Supporting all major operating systems
- Easy Bluetooth Pairing™
- SoftAP : Simple Wi-Fi set up to a mobile device



2.1m

### Compact and Rugged Design

- Built with a large colour display for easy set-up and battery status management
- Embedded peeler and media holder
- Up to 2.1 m / 7 ft. drop rate (XM7-20)
- IP54 water and dust proof
- Enabling USB C-type charging

**BIXOLON**  
a Better Solution for your Business™

# XM7 Series

## Mobile Label Printers

8x  
**N°1** MOBILE  
RECEIPT  
PRINTER  
MANUFACTURER



Reported by  
Chunichisha

## Specifications

### Printer Specifications

#### Print Method

Direct Thermal

#### Print Speed

XM7-40: 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

XM7-20: Up to 48 mm

#### Sensing

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

### Media Characteristics

#### Media Type

XM7-40: Liner, Linerless, RFID Tag (Optional)

XM7-20: Liner, Linerless (Optional), Notch, Receipt

#### Media Width

XM7-40: 50 ~ 112 mm (1.97 ~ 4.41 inch)

XM7-20: 25 ~ 58 mm (1.0 ~ 2.28 inch)

#### Media Roll Diameter

XM7-40: Up to 66mm

XM7-20: Up to 57mm

#### Media Thickness

0.07 ~ 0.19mm

#### Media Inner Core

19mm, 12mm

#### 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)

XM7-20: 92.9 x 168.2 x 69.2 mm  
(3.66 x 6.62 x 2.72 inch)

#### Weight

XM7-40

Including battery: approx. 1,090 g (2.41 lbs) Paper:  
approx. 360 g (0.79 lbs)

XM7-20

Including battery: 600g (1.32 lbs.)  
Paper: 120g (0.26 lbs.)

### Physical Characteristics

#### Electrical

USB Type-C Power delivery charging support,  
EnergyStar Certified

XM7-40

7.2 V Li-ion, 6800 mAh (Nominal) Smart Battery,  
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: 19mm)

#### 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)

Bluetooth: V5.0 (MFI certified)

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

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

XM7-40 / XM7-20: SLCS, BPL-Z™, BPL-C™, BXL / POS

XM7-40R (RFID): SLCS, BPL-Z™

#### Driver / Utility

Windows Driver (Europlus / Seagull),  
Linux / Mac CUPS Driver, Virtual COM USB Driver,  
Utility Program, LabelArtist-IT™, Bartender UL,  
OPOS / JPOS Driver, SAP® Device Driver

#### 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)

### Fonts / Graphics / Symbologies

#### Fonts

10 SLCS / One SLCS / 16 BPL-Z™ / One BPL-Z™ / 7  
BPL-C™ / 23 Code Page /  
Unicode supported (UTF-8, UTF-16LE, UTF-16BE)

#### Graphics

Supporting user-defined fonts, graphics, formats,  
layouts and logos

#### Barcode Symbologies

1D: Codebar, 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: Belt Strap, Smart Battery, SMPS,  
Power Cord, Media Disk (Inner core : 12mm)

XM7-20: Belt Strap, Battery Pack, SMPS,  
Power Cord, Media Disk (Inner core : 12mm)

#### Optional

Shoulder Strap, Single Battery Charger,  
Quad Battery Charger,  
Single Docking Cradle (XM7-20 only),  
Serial / USB Cable, Fixed Serial / USB Cable,  
Vehicle Charger (XM7-20 only),  
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 16mm