

XM7 Series

2-inch, 3-inch and 4-inch
Mobile Label Printers



Print Characteristics

Print Method

Direct Thermal

Print Speed

XM7-20: Up to 6 ips (152 mm/sec)
XM7-30, XM7-40: Up to 5 ips (127 mm/sec)

Print Resolution

203 dpi

Print Width

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

Sensor

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

Media Characteristics

Media Type

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

Media Width

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

Media Roll Diameter

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

Media Thickness

0.07 to 0.19 mm

Media Inner Core

19 mm, 12 mm

Physical Characteristics

Dimensions (W x L x H)

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

Weight

XM7-20: Including Battery: 600 g (1.32 lbs.)
Paper: 120g (0.26 lbs.)
XM7-30: Including Battery: 795 g (1.76 lbs.)
Paper: 260 g (0.58 lbs.)
XM7-40: Including Battery: 1,100 (2.43 lbs)
XM7-40R:
Including Battery: 1,130 g (2.50 lbs)
Paper: 360 g (0.79 lbs)

Power (Nominal Capacity)

EnergyStar® Certified, External AC/DC
Adapter, USB Type-C® Power Delivery
Charging (Sink) Support

XM7-20:

Battery (7.2V Li-ion, 3200 mAh,
Under 3 Hours Charing Time)
Optional: Smart Battery (7.2 V Li-ion, 3400
mAh, Under 3 Hours Charing Time)

XM7-30:

Smart Battery (7.2 V Li-ion, 3400 mAh, Under 3
Hours Charing Time)
Optional: Battery (7.2V Li-ion, 3200 mAh,
Under 3 Hours Charing Time)

XM7-40:

Smart Battery (7.2V Li-ion,
6800 mAh, Under 6 Hours Charing Time)

Peeler

Supported

Display

TFT LCD (IPS, 240 x 320 pixels)

Performance Characteristics

Memory

Standard: 128 MB SDRAM, 256 MB Flash
Optional: 256 MB SDRAM, 512 MB Flash

Interface

Standard: USB 2.0 HS + Serial

Optional:

- ① USB 2.0 HS + Serial + Bluetooth®
 - ② USB 2.0 FS + Serial + WLAN
 - ③ USB 2.0 FS + Serial + Bluetooth + WLAN
- XM7-40R:
USB 2.0 HS + Serial + Bluetooth + WLAN

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

Easy Bluetooth Pairing™ via NFC

Port

Power, USB Type-C, Serial/USB 14P
External Charging/Ethernet 12P

Environment Characteristics

Temperature

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

Humidity

Operating: 10 to 90% RH

Sealing

IP54

Drop Rate

XM7-20, XM7-30: 2.1 m (7 ft.)
XM7-40: 1.8 m (6 ft.)

Software

Emulation

SLCS™, BPL-Z™ (ZPL II®), BPL-C™ (CPCL),
BXL/POS™, XM7-40R: SLCS™, BPL-Z™ (ZPL II®)

Driver/Utility

Windows® Driver (Europlus/Seagull),
Linux®/macOS® CUPS Driver,
Virtual COM USB Driver, Utility Program,
OPOS/JPOS Driver, Device Driver for SAP®,
Network Auto Installer

Developer Tools

Android™/iOS®/Windows SDK, Linux SDK,
Xamarin® SDK, Web Print SDK
(Android/iOS/Windows/macOS),
Cordova™ Plugin, MAUI SDK, Flutter™ Plugin,
React Native® SDK

Design & Print

Label Artist-II™, Label Artist™ Web,
Label Artist™ Mobile (Android/iOS),
mPrint App (Android/iOS),
BarTender® Ultralite for BIXOLON
MDM (Optional)
BIXOLON Profile Manager - XPM™,
XCM™ (Windows, Android),
SOTI® Connect Supported

Fonts/Graphics/Symbolologies

Fonts

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

Downloadable Objects

Supporting User-Defined Fonts
(TTF, TTE, FNT, CSF, CPF), Graphic,
Formats, Layouts, and Logos

Barcode Symbolologies

- 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, ISBT-128
- 2D: Aztec, Codablock, Code 49,
Data Matrix, MaxiCode, MicroPDF417,
PDF417, QR Code, TLC 39

Accessories/Supplies

Included in the Box

Belt Strap, Battery (XM7-20),
Smart Battery (XM7-30, XM7-40),
AC/DC Adapter, Power Cord,
Media Disks (Inner Core: 12 mm)

Options & Accessories

Soft Case, Shoulder Strap, Battery,
Smart Battery, AC/DC PD Adapter,
Single/Quad Battery Charger,
Single/Quad Docking Cradle (Optional
Ethernet), Vehicle Adapter,
RAM Mount Vehicle Holder,
Serial Cable (Optional Fixed) (D-Sub
9P(M)-14P, 1 m),
USB Cable (Optional Fixed) (A-14P, 1 m),
USB Cable (A-C, 1 m / C-C, 1 m)

Compatible Supplies

B-linerless™

RFID

Frequency

UHF, 865 to 928 MHz

Transmit Power

1 W

Modulation

ASK

Protocol

ISO 18000-63 (EPC Class1 Gen2V2)

Tag Pitch

Min 16 mm