

XM7 Series

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

Spec Sheet



XM7-20

XM7-30

XM7-40

XM7-40R

Print Characteristics

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

Sensor

Paper End, Gap, Black Mark,

Paper Cover Open, Peel-off

Media Characteristics

Media Type

Liner, Notch

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: 1,100 (2.43 lbs)

XM7-40R: Including battery: 1,130 g (2.50 lbs)
Paper: 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: 120g (0.26 lbs.)

Electrical

EnergyStar® Certified, External AC/DC Adapter
100-240 VAC, 50/60 Hz, USB Type-C® Power
delivery charging (Sink) support

XM7-40: 7.2V Li-ion, 6800 mAh Smart Battery,
Rechargeable

XM7-30: Standard: 7.2 V Li-ion, 3400 mAh
Smart Battery, Rechargeable
Optional: 7.2V Li-ion, 3200 mAh,
Rechargeable

XM7-20: Standard: 7.3V Li-ion, 3200 mAh,
Rechargeable
Optional: 7.2 V Li-ion, 3400 mAh
Smart Battery, Rechargeable

Peeler

Supported

Media Holder

Supported (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 2.0 HS + Serial

Optional: USB 2.0 HS + Serial + Bluetooth® or
WLAN or Dual (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

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 80% RH

Sealing

IP54

Drop Rate

XM7-40: 1.8 m (6 ft.)

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

Software

Emulation

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

XM7-40R (RFID): SLCS™, BPL-Z™ (ZPL II®)

Driver/Utility

Windows® Driver (Europlus/Seagull),

Linux/Mac® CUPS Driver,

Virtual COM USB Driver, Utility Program,

Bartender Ultralite for BIXOLON,

OPOS/JPOS Driver,

Device Driver for SAP®,

Network Auto Installer

Developer Tools

Android™/iOS®/Windows SDK, Linux SDK

Xamarin SDK, Web Print SDK, 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)

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)

Downloadable Objects

Supporting user-defined fonts

(TTF, TTE, FNT, CSF, CFF), 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, ISBT-128

2D: Aztec, Codablock, Code 49,

Data Matrix, MaxiCode, MicroPDF417,

PDF417, QR code, TLC 39

Accessories/Supplies

Included in the Box

XM7-40, XM7-30: Belt Strap, Smart Battery,

AC/DC Adapter,

Power Cord, Media Disk

(Inner Core: 12mm)

XM7-20: Belt Strap, Battery,

AC/DC Adapter, Power Cord,

Media Disk (Inner Core: 12 mm)

Options & Accessories

Case, Shoulder Strap, Battery

(XM7-30 only), Smart Battery

(XM7-20 only), Single Battery Cradle,

Single Docking Cradle, Quad Battery

Charger, Quad Docking Cradle, Vehicle

Adapter, Vehicle Holder, RAM Mount

Vehicle Holder, Serial/USB Cable,

Fixed Serial/USB Cable, USB A to C Cable

Compatible Supplies

B-linerless™

RFID

Frequency

UHF, 865~868 MHz (EU),

902~928 MHz (KR, USA)

Transmit Power

1W

Modulation

ASK

Protocol

ISO 18000-6C (EPC Class1 Gen2)

Tag Pitch

Min 16 mm