

XD7-20d

2-inch Direct Thermal
Desktop Label Printer



Key Features

- Available in direct thermal (XD7-20d), healthcare (XD7-20d-H) models
- IEC 60601-1 medical-grade compliant power adapter, ensuring safe and reliable use in healthcare facilities
- White plastic housing designed for easy disinfection and cleaning, with high resistance to UV discolouration

Print Characteristics

Print Method

Direct Thermal

Print Speed

XD7-20d: Up to 8 ips (203 mm/sec)

XD7-23d: Up to 6 ips (152 mm/sec)

Print Resolution

XD7-20d: 203 dpi

XD7-23d: 300 dpi

Print Width

XD7-20d: Up to 54 mm

XD7-23d: Up to 56.9 mm

Print Length

Up to 2,000 mm

Sensor

Transmissive (Multi-position),
Reflective (Adjustable), Head Open

Media Characteristics

Media Type

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

Media Width

15 to 60 mm

Media Roll Diameter

Up to 127 mm

Media Thickness

0.06 to 0.20 mm

Supply Method

Easy Paper Loading

Inner Core

12.5 to 38.1 mm

Physical Characteristics

Dimensions (W x L x H)

111 x 219 x 150 mm

(4.37 x 8.62 x 5.9 inch)

LCD Model: 111 x 219 x 160 mm

(4.37 x 8.62 x 6.3 inch)

Weight

1.11 kg (2.45 lbs.)

LCD Model: 1.25 kg (2.76 lbs.)

Electrical

EnergyStar® Certified,

External Power Adapter 100-240 VAC,

50/60 Hz

XD7-20d-H:

IEC 60601-1 Certified Power Adapter

Display

Standard: None

Optional: 4.3-inch Colour Touch LCD

XD7-20d-H

Standard: 4.3-inch Colour Touch LCD

Performance

Memory

512 MB SDRAM, 512 MB Flash

Flash memory expandable up to 1GB

Interface

Standard: USB + USB Host

Optional: ① USB + USB Host + Serial

② USB + USB Host + Ethernet

③ USB + USB Host + WLAN¹

④ USB + USB Host + Bluetooth®

⑤ USB + USB Host + WLAN² and

Bluetooth®

Ethernet: 10/100Mbps

WLAN¹: 2.4G/5GHz, 802.11a/b/g/n

(Infrastructure, Ad-hoc, Wi-Fi Direct, SoftAP) -

WEP40/104, WPA1/2 (PSK, EAP)

WLAN²: 2.4G/5GHz, 802.11a/b/g/n/ac/ax

(Infrastructure, Wi-Fi Direct, SoftAP)

Real Time Clock

Supported

Environment Characteristics

Temperature

Operating: 0 to 41°C (32 to 105°F)

Storage: -40 to 60°C (-40 to 140°F)

Humidity

Operating: 10 to 80% RH

Storage: 5 to 95% RH

Software

Emulation

SLCS™, BPL-Z™ (ZPL II®), BPL-E™ (EPL™),
BPL-D™ (DPL), XML

Driver/Utility

Windows® Driver (Europlus/Seagull),

Linux®/macOS® CUPS Driver,

Virtual COM USB/Ethernet Driver,

BIXOLON Utility, 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),

XI (Optional), 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/Symbologies

Fonts

Bitmap Fonts (10 SLCS, 16 BPL-Z, 5 BPL-E, 9 BPL-D), Scalable Fonts (1 SLCS, 1 BPL-Z, 1 BPL-D), 23 Code page, Unicode supported (UTF-8, UTF-16LE, UTF-16BE)

Downloadable Objects

Supporting user-defined fonts (TTF, TTE, FNT), 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, ISBT-128

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

Accessories/Supplies

Included in the Box

AC/DC Adapter, Power Cord, USB Cable

Options & Accessories

Peeler, Auto Cutter, Serial Cable, Touch LCD