SPEC SHEET

XD7-20d

2-inch Direct Thermal
Desktop Label Printer



Key Features

- Available in direct thermal (XD7-20d), healthcare (XD7-20d-H) models

XD7-20d-H :

- 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 + WLAN[1]
④ USB + USB Host + Bluetooth®
⑤ USB + USB Host + WLAN[2] and Bluetooth®

Ethernet: 10/100Mbps
WLAN[1]: 2.4G/5GHz, 802.11a/b/g/n (Infrastructure, Ad-hoc, Wi-Fi Direct, SoftAP) - WEP40/104, WPA1/2 (PSK, EAP)
WLAN[2]: 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

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