BIRCH®

DP-4432 Desktop Thermal Transfer Bar Code Printer, 5 ips, 203 dpi, USB+RS232+Ethernet

Desktop thermal-transfer printer, which despite its compact dimensions has an excellent price/performance ratio. With a print speed of 127 mm/s and the ability to connect via USB, RS232 and Ethernet, the DP-4432 is a great companion for low-volume printing.

Key features of the Birch DP-4432:

- communication interface USB, RS232, Ethernet
- compact size
- cost-friendly
- easy media loading
- print speeds up to 127 mm/s
- ribbon length up to 300 m
- 4 MB Flash memory, 8 MB SDRAM with microSD expansion slot up to 4 GB

Technical Description

Functionality & Operation

Memory	4MB Flash
Memory	8MB DRAM
Fonts	8 alpha-numeric bitmap fonts, Monotype Imaging® true type font engine with one CG Triumvirate Bold Condensed scalable font
Fonts & barcode rotation	0°, 90°, 180°, 270°
1D Barcode Symbologies	All standard one-dimension barcodes
2D Code Symbologies	all standard 2D-Codes
Graphics	PCX, BMP
Print resolution	203dpi
Print mode	direct thermal, thermal-transfer, direct thermal, thermal-transfer, direct thermal, thermal-transfer
Print speed	127mm/sec (5 ips)
Maximal print width	108mm
Maximal print length	2794mm
Communication interface	USB, RS232, Ethernet
Expansion slot	Micro SD Card (SDHC)

Optical

Sensors	reflective, transmissive, TT ribbon detector, open print-head detector

Electrical

Power Source	100-240V, 50-60Hz, External universal switching power supply, Output: DC 24V, 2.5A 60W

Mechanical

Dimensions	Width: 230mm, Height: 194mm Length: 300mm
Weight	2.47kg
Color	black
Body housing	ABS plastic, ABS plastic

Consumables

Max. ribbon diameter	67mm
Max. ribbon length	300m
Ribbon core diameter	25.4mm
Ribbon width	40 to 110mm
Media type	continuous, fan-fold, black-marked media, paper and thermal-paper labels, notch
Maximal roll diameter	127mm
Media thickness	0.06 to 0.254mm
Media core diameter	25.4 to 38mm

Environment

Operating temperature	5 to 40°C
Storage temperature	-40 to 60°C
Operating humidity (non-condensing)	25 to 85%
Storage humidity (non-condensing)	10 to 90%

Others

Bundled Accessories	CD Windows software, power cord, power supply, USB cable
Optional accessories	cutter, dispenser kit, stacker
Certifications	CE Class A, EN 55022, EN 55024, ICES-003 Class A, FCC Part 15
Warranty	6 months