

RFID Desktop Barcode Printer CER123

Century Desktop Barcode Printer (CER123) delivers flexible, high-precision performance for a wide range of labeling needs, including thick, small, long, and specialty labels. Automatic printer language emulation enables true plug-and-play deployment without label redesign, while built-in web-based management helps reduce downtime and simplify printer administration. With wide media support, expandable options, and an eco-friendly design using recyclable materials, the CER123 is built to meet both current and future printing demands.



Features

-  **Seamless Integration**
Automatic printer language emulation enables easy, plug-and-play label printing.
-  **Maximum Uptime**
Real-time remote monitoring, preventive alerts, and tool-free maintenance reduce downtime.
-  **Future-Ready Print Quality**
Wide media support, high-precision output, multilingual printing, and flexible expansion options.

Specifications

Code	CER123
Resolution	300 dpi
Printing Mode	Thermal direct Thermal transfer
Maximum Print Speed	152 mm (6") /s
Maximum Print Width	105.7 mm (4.16")
Maximum Print Length	11,430 mm (450")
Housing	ABS
Dimensions	223 mm (W) × 186 mm (H) × 286 mm (D) / 8.78" × 7.32" × 11.26"
Weight	2.8 kg (6.17 lb)

Media Capacity	Internal roll up to 127 mm (5") OD
Ribbon	300 m, max. OD 67 mm, 1" core (ink side out) 110 m, max. OD 40 mm, 0.5" core (ink side out)
Ribbon Width	40-110 mm (1.6"-4.3")
Central Processing Unit (CPU)	32-bit RISC CPU
Memory	256 MB Flash, 256 MB SDRAM microSD card supported up to 512 GB (FAT32 and exFAT only)
Communication Interface	USB 2.0, RS-232, USB Host, built-in Ethernet (10/100 Mbps) 802.11 a/b/g/n/ac Wi-Fi & Bluetooth® 5.0 combo (dealer optional) Bluetooth® 5.0 (dealer optional) MFi Bluetooth® 5.0 (factory optional)
Power Supply	External auto-switching power adapter Input: AC 100-240V, 2.0A, 50-60Hz Output: DC 24V, 3.75A, 90W
Controls	Power, Feed, Pause, Reprint buttons
LED/LCD	3.5" color touchscreen 480*320 pixels
Sensors	Gap sensor Adjustable black mark sensor Ribbon end sensor Print head open sensor
Real-Time Clock	Standard
Fonts	8 built-in bitmap fonts Monotype Imaging® TrueType engine with CG Triumvirate Bold Condensed ARIALUNI.TTF Unicode font
Barcodes	1D: Code 39, Code 93, Code 128 (A/B/C), Codabar, ITF, EAN-8/13/128, UPC-A/E, MSI, PLESSEY, POSTNET, China Post, ITF-14, EAN-14, Code 11, TELEPEN, PLANET, LOGMARS, Deutsche Post codes 2D: PDF417, Micro PDF417, MaxiCode, DataMatrix, QR Code, Aztec, TLC39, CODABLOCK F, GS1 DataBar
RFID	RAIN UHF passive (GS1 EPC Gen2 v2 / ISO 18000-63) Fixed antenna RFID label calibration
Rotation	Fonts and barcodes rotated at 0°, 90°, 180°, 270°
Printer Language	TSPL-EZD (compatible with EPL, ZPL, ZPL II, DPL)
Media Type	Continuous, gap, black mark, fanfold, perforated (outside wound)
Media Width	15-120 mm (0.59"-4.72")
Media Thickness	0.06-0.19 mm (2.36-7.48 mil)
Media Core Size	25.4-38.1 mm (1"-1.5")

Label Length	5-25,400 mm (0.20"-1000") 5-11,430 mm (0.2" -450")
Environmental Conditions	Operating: 0°C-40°C (32°F-104°F), 25%-85% non-condensing Storage: -40°C-60°C (-40°F-140°F), 10%-90% non-condensing
Safety Certifications	CB, CCC, Energy Star® 3.2
Environmental Compliance	RoHS, REACH, WEEE, China RoHS
Standard Accessories	Quick installation guide USB cable Power cord External power adapter 1" ribbon cores x2 1" media core 120-mm media guide
Factory Option	MFi Bluetooth 5.0
Dealer Options	Peel-off module Guillotine cutter (full/partial cut) Care-label cutter 802.11 a/b/g/n/ac Wi-Fi & Bluetooth® 5.0 combo Bluetooth® 5.0 UHF RFID tear-off module UHF RFID cutter module
User Options	External media holder KP-200 Plus standalone keyboard 10-mm narrow media guide