

RFID Lightweight Industrial Printer CER122

Century lightweight industrial label printer (CER122) features a foldable metal side cover that reduces operating space by 24%, combined with an all-metal print mechanism for reliable high-volume printing. It delivers high-quality output on specialty labels, including thick and rigid hang tags, and supports plug-and-play printer language emulation for easy deployment. With optional RFID, linerless, peel-off, rewinder, and cutter modules, the CER122 offers flexible configuration for diverse applications, making it a durable, space-saving, and versatile industrial labeling solution.



Features

- ▶ **Space-Saving Design**

Foldable metal side cover reduces operating space by 24% for easy use in tight environments.
- ▶ **Flexible Application Support**

Optional RFID, linerless, rewinder, peel-off, and cutter modules adapt to diverse needs.
- ▶ **Smart Remote Management**

Enables real-time monitoring and remote management to maximize uptime.
- ▶ **High-Quality & Durable Printing**

All-metal print mechanism ensures consistent, reliable output.
- ▶ **Advanced RFID Performance**

Supports synchronized RFID printing and encoding with broad tag compatibility.

Specifications

Code	CER122
Resolution	300 dpi
Printing Mode	Thermal direct Thermal transfer
Maximum Print Speed	228.6 mm (9")/s
Maximum Print Width	105.7 mm (4.16")
Maximum Print Length	11,430 mm (450")
Housing	Die-cast aluminum print mechanism with metal enclosure and large transparent window
Dimensions	248 mm (W) × 274 mm (H) × 436 mm (D) / 9.76" × 10.79" × 17.17"
Weight	9.1 kg (20.06 lb)

Media Capacity	Internal roll up to 203.2 mm (8") OD, 1"-3" core
Ribbon	450 m ribbon, 1" core (ink side in or 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
Communication Interface	Built-in Bluetooth (dealer optional) Built-in MFi Bluetooth® 5.0 (factory optional) Slot-in 802.11 a/b/g/n/ac Wi-Fi & Bluetooth® 5.0 combo module (dealer optional)
Power Supply	Auto-switching internal power supply Input: AC 100-240V, 2.0A, 50-60Hz Output: DC 24V, 3.75A, 90W
LED/LCD	3.5" color touchscreen LCD 1 bi-color LED indicator (green / red)
Controls	1 power switch 6 operation buttons (Menu, Pause/Feed, Up, Down, Left, Right)
Sensors	Gap sensor (transmissive, adjustable) Black mark sensor (reflective, adjustable) Ribbon encoder sensor Ribbon end sensor Print head open sensor
Real-Time Clock	Standard
Fonts	8 built-in alphanumeric bitmap fonts Monotype Imaging® TrueType font engine with CG Triumvirate Bold Condensed vector font
Barcodes	1D: Code 39, Code 93, Code 128 (A/B/C), Codabar, ITF, EAN-8/13/128, UPC-A/E, MSI, PLESSEY, POSTNET, GS1 DataBar, Code 11, China Post 2D: PDF417, Micro PDF417, MaxiCode, DataMatrix, QR Code, Aztec, TLC39, RSS
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	20-120 mm (0.8"-4.7")
Media Thickness	0.06-0.28 mm (2.36-11 mil)
Media Core Size	25.4-76.2 mm (1"-3")
Standard Print Length	5 mm - 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	CCC
Environmental Compliance	RoHS, WEEE

RFID	RAIN UHF passive (GS1 EPC Gen2 v2 / ISO 18000-63) Fixed external top-mounted antenna Minimum label/mark pitch: 0.625" (15.9 mm) Supports standard, on-metal, and specialty RFID labels On-metal tag thickness: up to 1.65 mm (0.06") Encoding failure: automatic label rewind and void marking*** Printer languages: TSPL, ZPL Counters for good and reprinted labels
Factory Options	Built-in MFi Bluetooth® 5.0 RFID cutter RFID tear-off module
Dealer Options	Peel-off module Guillotine cutter (full cut) 5" OD internal liner rewinder kit GPIO interface Linerless tear-off kit Linerless cutter kit 802.11 a/b/g/n/ac Wi-Fi & Bluetooth® 5.0 combo upgrade kit (with slot-in housing)* Built-in Bluetooth® 5.0 module RFID cutter RFID tear-off module
User Options	802.11 a/b/g/n/ac Wi-Fi & Bluetooth® 5.0 combo module (for printers with slot-in housing) Standalone keyboard (KP-200 Plus) Universal cutter tray

- GPIO and wireless networking cannot be used simultaneously.
- Wi-Fi & Bluetooth combo module and built-in Bluetooth interface are mutually exclusive.
- Supports automatic rewind and void marking up to 6 inches; available on factory-configured RFID printers only.