



Cognitive's C/Rx Script Label Printer



With more scripts to fill, more tasks to complete and less manpower, workflow improvement and cost management have never been more important.

The Cognitive C/Rx thermal script printer is all about improved workflow, barcode automation and low cost of ownership versus traditional laser printing.

The C/Rx printing solution benefits chain and independent pharmacy operations through:

- Reduced cost of ownership – no toner or expensive label forms
- High speed and high quality script printing
- No adhesive ooze and costly maintenance
- Quiet operation in an unobtrusive and compact footprint
- Easy integration with your workflow and legacy pharmacy system

Cognitive
SOLUTIONS INC.
PRINTING INTELLIGENCE

For information, a webinar or phone consultation, contact Cognitive at **1.800.451.9874** or call your pharmacy software provider and ask about the C/Rx printer from Cognitive.

Technical Specifications



Printing Specifications

Nominal Printer Size	4" with or without LCD	
Print Resolutions	203 dpi Standard	300 dpi Optional
Max Print width	4.094" (104.0mm)	4.153" (105.5mm)
Print Speeds	4-6 ips 4-8 ips CRx w/LCD	2-6 ips 2-6 ips CRx w/LCD
Max Print Lengths	322" (8179 mm)	153" (3886 mm)
Print Position Tolerance	±0.0625" (1.6mm) Left and right	

Media Specification

Media Types: Direct thermal and/or thermal transfer labels, tags, wristbands, static labels, and receipt paper.

Media Thickness: 0.010" thickness max.

Index types:

Reflective and transmissive sensors to detect gaps between labels, die-cuts, black-marks, notches, and holes.

Media Format: Continuous fanfold (external) or roll with optional inter-sheet perforations for easy media separation.

Media Web Width (label and liner):

4" Printer: 2.4" (60.96mm) to 4.63" (117.6mm)

Minimum label length: 0.375" (9.5mm) with .125" gap

Maximum media roll size: 7.750" (194mm) O.D. on a 1.5" (38.1mm) ID. Core

Indexing Sensing Methods: Continuous, gap, bar, notch, and hole.

Gap and notch sensing standards: Minimum Inter-label gap: 0.125" (3.18mm)

Gap Sensing Width Range:

4" Printer: User adjustable from center to 2.2" left of center.

Black mark sensing standards: Black mark length (parallel to inside media edge) 0.125" (3.18mm)- 1.0" (2.54mm)

Black Mark Sensing Range: User adjustable in increments of 0.2" left and right to within 0.5" of edge of the maximum media web width.

Ribbon Specifications

Ribbon width:

4" Printer: 4.25" (108mm) Max. 4" Nominal Length: 5500" (140m) Max.

Ribbon Types: Wax, Wax/Resin, and Premium Resin varieties

Label Roll Changes per Ribbon

Label Roll OD	Label Roll ID	4" Label Rolls per Ribbon Roll
5"	1.5"	2
7"	1.5"	.85

Note: 7 inch Label Roll OD = equivalent to standard 8" Label Roll Capacity

CPL Standard Font Specifications

- **Bitmapped:** 7 styles with up to 10x10 magnification, variable boldness and spacing.
- **International AGFA Fonts:** Sans-serif font in 7 pt. sizes, up to 4x4 magnification, variable boldness and spacing.
- **Scalable Vector Fonts:** 3 ultra font styles for smooth characters in any size and boldness.
- **Rotations:** 0, 90, 180, 270 degrees

PCL Font Specifications

Cognitive offers standard TrueType fonts to meet general pharmacy application requirements. We can also integrate specific proprietary or existing HP PCL 5 compatible font sets into the Rx printer.

- Standard: Courier, Univers, Arial, and Times New typefaces. Bold and italic are supplied.
- Optional: Proprietary or existing HP PCL 5 font sets as required for customer specific application(s).

PCL Programming Language

- Conforms to HP PCL5e Language Standards

Bar Code Symbolologies & Specifications (CPL Bar Codes)

UPCA	ADD 2	EAN 8	128C
UPCE	ADD 5	EAN 13	CODE128
UPCE1	CODE 39	PLESSEY	EAN128
POSTNET	I 2OF5	128A	CODABAR
Maxicode mode 0	CODE 93	128B	MSI
PDF417	DataMatrix	QR Code	Aztec
UPCA+	MSI1	S20F5	D20F5

Communications Specifications

Parallel Interface:

Centronics compatible parallel interface (requires parallel cable).

High-speed Serial interfaces:

- Serial RS-232 (requires cable)
- Configurable baud rate (1,200 – 115,200 baud)
- Software (XON/XOFF) or hardware (DTR/DSR) communication handshake protocols

USB 2.0 compatible interface

Ethernet 10/100 Base-T interface

Electrical Specifications

Auto-detectable 90-264VAC, 24VDC 150W power supply

International Environment Compliance

Compliant with the following international environmental directives:

- Directive 2002/95/EC on the restriction of Use of certain Hazardous Substances in Electrical and Electronic Components (RoHS)
- Directive 2002/96/EC on Waste Electrical and Electronic Equipment (WEEE) International Regulatory Compliance
- Printer and Power Supply: UL, FCC Class A, CCC, CE, CiSPR22/CB.
- Power Supply Only: CSA GS/TUV/VDE/PSE

Environmental Specifications

Operating environment:

41° to 104°F (5° to 40°C) 20% to 85% non-condensing R.H.

Physical Specifications

Characteristic	4" Printer
Height	7.1" (181mm)
Width	6.9" (175mm)
Depth	10.04" (255mm)
DT Weight	5.91 lbs (CRx w/LCD) 5.88 lbs
TT Weight	6.10 lbs (CRx w/LCD) 6.00 lbs

Software

- **C Series Administrator:** Printer with USB/Serial bi-directional configuration software, included with printer requires Windows driver installation.
- **C Clean Driver Utility:** Self-contained driver clean-up utility that removes old drivers.
- **Windows™ OS Drivers:** Printer drivers that allow applications running on Windows operating systems to print to Cognitive printers.

Warranty

Printer: 24 months from date of purchase. (Requires registration & excludes printheads)

Print head: 12 months or 1,000,000 inches using Cognitive's approved media

MTBF (Mean time between failures)

2,000,000 inches (Does not include printhead dots out condition)



Tel: +1 303 273 1400 Toll free: +1 800 525 2785 Email: sales@cognitive.com

Address: 4403 Table Mountain Drive, Suite A, Golden CO 80403 Web: www.cognitive.com

Worldwide Sales: Europe, Middle East, Africa, Asia Pacific, Latin America, North America, Canada

For additional information about Cognitive products, contact our headquarter office or visit our website at www.cognitive.com for a list of authorized distributors.