

# CITIZEN

Micro HumanTech

## Desktop Size - Industrial Performance All-metal mechanisms for strength and durability



## Industrial Desktops

LABEL & BARCODE

### Models Featured

- CL-S521
- CL-S621
- CL-S631
- Dark-grey case colours as standard and white on selected models



**Fast Print Speed:**  
Up to 6 inches per second.

Printing a typical courier label takes just one second with virtually instant first label printing.



### Durable Internal Power Supply

All printers feature an internal mains power supply to provide the most reliable operation and avoid the problem of external power supplies.

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## Product Versions

### Direct Thermal

The CL-S521 models are direct thermal using coated media but require no ribbon. The CL-S621 and CL-S631 are thermal transfer using a wide variety of ribbons to print on all media types.



### 300 dpi Resolution

The CL-S631 models are ideal for small labels with 2D matrix barcodes such as Datamatrix, DataBar, QR-Code and PDF417 or printing company logos and idents and CE or WEEE logos.



## Printer Specifications

Models	CL-S521	CL-S621	CL-S631
Technology	Direct Thermal	Thermal Transfer & Direct Thermal	
Resolution	203 dpi (8 dots per mm)		300 dpi (12 dots per mm)
Emulations (Languages)	Datamax® I-Class™ & DMX400™, Zebra® ZPL-II®. Cross-Emulation™ automatic detection. BASIC interpreter for data stream processing.		
Print Speed (maximum)	6 inches per second (150 mm/s)	4 inches per second (100 mm/s)#	4 inches per second (100 mm/s)
Print Width (maximum)	4.10 inches (104.1 mm)		
Media Width (min to max)	0.50 inches to 4.65 inches (12.5 mm to 118.1 mm)		
Media Thickness (min to max)	0.0025 - 0.01 inches (0.0635 - 0.254 mm)		
Media Sensor	Fully adjustable with label gap, card notch and black registration mark.		
Media Length (min to max)	0.25 inches to 64.00 inches (6.35 mm to 1625.6 mm)		0.25 - 32 inches (6.35 - 812.8mm)
Roll Size (max), Core size	Internally: 5 inches (125 mm) diameter. Externally 8 inches with optional holder. Core size: 1 inch (25mm)		
Ribbon Size		2.9 inches (74 mm) maximum diameter, 360 meter length, 1 inch cores	
Ribbon Winding & Type	Not applicable - direct thermal only	Ink side in or out. Wax, Wax/Resin or Resin Type	
Ribbon System		ARCP™ automatic ribbon tension adjustment	
Standard Interfaces	Serial (RS-232C), USB (version 1.1)		
Optional Interfaces	Parallel (IEEE-1284), Ethernet (10/100 BaseT), Wireless LAN (802.11b, g, n*)		
Case, Mechanism & Panel	Hi-Open™ plastic case with safe close. Hi-Lift™ metal mechanism. Control Panel: 4 buttons and 4 LEDs		
RAM (Standard Memory)	16.0 Mb total, 1.0 Mb available for user		
Flash (Non-Volatile Memory)	4.0 Mb total, 1.0 Mb available for user		
Windows® drivers and software	Free-of-charge on CD including design software supporting Windows®, XP®, 2003, 2008, Vista™, Windows 7		
Size (W x D x H) and Weight	231 x 289 x 183mm, 3.6 Kgs	231 x 289 x 270 mm, 4.5 Kgs	
Printer, Head Warranty	2 Years, 30 Kms or 6 months	2 Years on Printer, 50 Kms or 6 months on printhead	

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## Features & Benefits

- Hi-Lift™ mechanism for easy ribbon and media loading.
- Hi-Open™ case for vertical opening and safe closing.
- Self-contained metal mechanism for durable operation.
- Internal power supply for reliability.
- Cross-Emulation™ automatic language detection.
- Both Zebra® and Datamax® emulations as installed as standard.
- 360 metre ribbon capacity for fewer ribbon changes with standard 1 inch ribbon cores.
- ARCP™ ribbon anti-wrinkle and automatic tensioning system.
- Adjustable media sensor as standard with label gap and black mark sensing.
- Optional internal Wireless LAN and Ethernet interfaces.

Dealer Stamp

Part: 1200000