



## CD-S500 Hi-Speed Impact Printer

**CITIZEN**  
Micro HumanTech

Leading Technology for Humanity

The CD-S500 is ideally suited for point of sale applications that require color or monochromatic one, two, or three-ply receipts. This robust, impact printer features the latest technological advances including; drop-in paper loading, compact design, logic seeking head, built-in programmable buzzer, and ESC/POS compatibility. The CD-S500 is available in three models; standard, auto-cutter, and auto-cutter with paper take-up. All models are powered by an external AC adapter and feature user replaceable interface boards (serial, parallel, USB, and Ethernet). The CD-S500 can also be wall-mounted and is ideal for kitchen slips, delivery slips, coupons, tickets, receipts, or daily reports.



## CD-S500 Hi-Speed Impact Printer

### Features

- High-speed printing
- Logic-seeking control
- Drop-in paper loading
- Two-color printing
- Selectable paper widths
- One, two, or three ply receipts
- Built-in programmable buzzer
- ESC/POS, CBM, or STAR emulation
- Built-in NV memory
- User-installable interface cards
- Cash drawer kick-out
- Memory switches
- Auto cutter (optional)
- Rewinder (optional)
- Wall mount kit (optional)
- Black mark support (optional)
- **Three Year Warranty**

### Applications

- Kitchen
- Delivery Slip
- Receipt
- Coupon
- Ticket
- Daily Report

### Specifications

|                           |  |   |
|---------------------------|--|---|
| Printing Method           | Logic-seeking serial dot impact  |   |
| Paper Width               | 76/69.5/57.5mm paper   |   |
| Print Direction           | Bi-directional   |   |
| Print Speed               | <b>Max. 5.0 lines/sec. (40 columns)</b>  |   |
| Number of Columns         | 40/33 columns or 42/35 columns   |   |
| Character Size (W x H)    | 1.25 x 3.12mm (7 x 9 dots), 1.57 x 3.12 mm (9 x 9 dots)                                      |   |
| Character Set             | Alphanumeric, International, Code page 437, 850, 865, 852, 860, 863, 866, 857, 858, WPC 1252 |   |
| Font                      | 7 x 9/9 x 9 matrix   |   |
| Line Spacing              | 1/144 inch (min)   |   |
| Line Feed Speed           | 40 lines/sec.  |   |
| Paper Feed Method         | Friction   |   |
| Paper                     | 76/69.5/57.5±0.5mm x Ø83mm Thickness: 0.065 - 0.085mm, 0.05 - 0.14mm (Copy)                  |   |
| Interface                 | Parallel: Centronics, Serial: RS-232C, USB, Ethernet   |   |
| Input Buffer              | 4k/40 bytes  |   |
| NV Bitmap Data Area       | 128k bytes   |   |
| Drawer Kick-Out           | Two drawers  |   |
| Power Supply              | DC 24V±7%  |   |
| AC Adapter Specifications | Rated input: AC 100-230V, 1A<br>Rated output: DC 24V±5%                                      |   |
| Weight:                   | Approx. 2.2kg (standard type), 2.45kg (winder type)  |   |
| Dimensions (W x D x H)    | 156 x 258 x 131.9mm (standard)<br>156 x 277.7 x 196.7mm (winder type)                        |   |
| Environment               | Operation  | Temperature 0–50°C<br>Humidity 10–90% RH  |
|                           | Storage  | Temperature -20–70°C<br>Humidity 5–90% RH |
| Reliability               | Printer  | MCBF 7.5 million lines                    |
|                           | Print Head Life  | 150 million characters                    |
|                           | Auto Cutter Life   | 1 million + cuts                          |
| Safety Standards          | UL, FCC Class A, CE, TÜV-GS  |   |

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