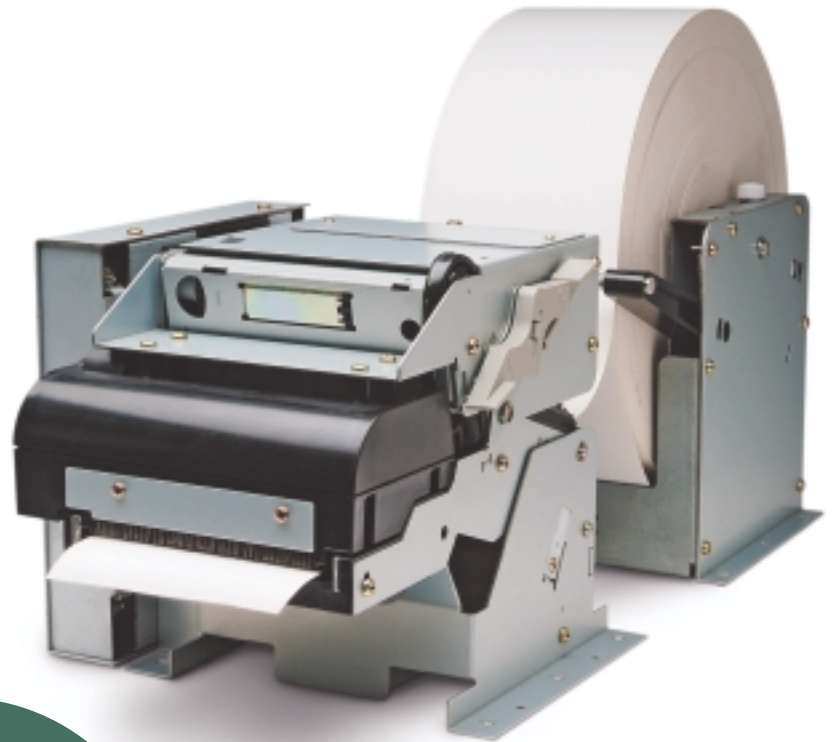


# PPU-700

## Thermal Printer Mechanism



### Modular Kiosk Printer with Selectable Paper Widths



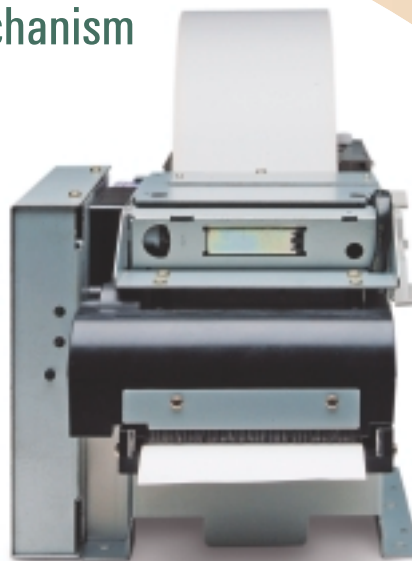
The Citizen PPU-700 thermal printer mechanism is the most modular, flexible kiosk mechanism for paper width, interfaces, firmware settings and mechanical orientation. Small, lightweight and fast, it includes a retractable presenter to prevent litter and minimize opportunities for vandalism. The PPU-700 uses large paper rolls and auto-paper loading to make changing rolls faster and easier. Along with the ability to print barcodes, the PPU-700 also features flash memory. This enables you to store and print logos and user-defined characters to increase the visual impact of receipts.

The Citizen PPU-700 mechanism works in a wide variety of kiosk applications to provide fast, reliable printing with the easiest maintenance possible.

**CITIZEN.**

**CBM America Corporation**

# PPU-700 Thermal Printer Mechanism



## Reliable Kiosk Printing

- 83/80/67/58 mm selectable paper widths
- 150mm/sec High-speed thermal printing
- Two-color printing
- Interchangeable interface cards
- Presenter
- Upgradable firmware (EEPROM)
- Drop-in paper loading
- Alert Buzzer
- Retractor feature
- Built-in input buffer
- Barcode printing
- Flash Memory
- Large diameter paper rolls can be used
- Black Mark Sensor (option)
- Customization Utility
- Windows Drivers

## Specifications

<b>Printing Method</b>	Thermal dot line printing, two color, drop-in loading type	
<b>Print Width</b>	80mm/640 dots (paper width 83mm); 72mm/576 dots (paper width 80mm) 60mm/480 dots (paper width 67mm); 54mm/432 dots (paper width 58mm)	
<b>Dot Density</b>	8 dots/mm	
<b>Print Speed</b>	150mm/sec (1200 dot lines/sec)	
<b>Number of Columns</b>	Font A: 53 columns; Font B: 71 columns; Font C: 80 columns	
<b>Character Size</b>	Font A: (12 x 24 dots): 1.25 x 3.00mm; Font B: (9 x 17 dots): 0.88 x 2.13mm Font C: (8 x 16 dots): 1.00 x 2.00mm	
<b>Logo registration/print</b>	Capable of registering user-defined characters and logos into flash memory	
<b>Barcode Types</b>	UPCA/E, JAN (EAN) 13/8 columns, ITF, Codabar, Code 39, Code 93 and Code 128	
<b>Line Spacing</b>	4.23mm (1/6 inch), can be set by command (min.: 1/203 inch)	
<b>Paper Roll</b>	Thermal paper roll: Paper widths 83/80/67/58mm External diameter: ø203mm (when using PPU); Paper thickness: 65 to 150µm Core diameter: 25.4mm (Paper thickness: 80 to 150µm) Choice of direct paper eject Presenter and Retractor	
<b>Interface</b>	Centronics Parallel (IEEE 1284 compliant, Bi-directional communication), RS-232C Serial and USB	
<b>Input Buffer</b>	4K bytes (72 bytes dip switch selectable)	
<b>Sensors</b>	Paper near end sensor (adjustable for PHU series) (photo interruptor); Paper end sensor (mechanical switch) Black mark sensor (optional) Cover open sensor (mechanical switch); Paper out sensor (photo interruptor)	
<b>Supply Voltage</b>	DC 24V±7%	
<b>Power Consumption</b>	Approx. 100W max.	
<b>AC Adapter Specifications</b>	Rated input: AC 120 to 240V, 50/60 Hz, 120VA Rated output: DC 24V, 1.9A (Peak 3.5A)	
<b>Weight</b>	PPU: 1.6 kg (including control board); PHU: 0.9 kg (excluding paper roll)	
<b>Outside Dimensions</b>	145 (w) x 160 (d) x 172mm (h)	
<b>Environment</b>	<b>Operation</b>	Temperature 5-40°C Humidity 35-85%RH
	<b>Storage</b>	Temperature -20-60°C Humidity 10-90%RH
<b>Reliability</b>	<b>Print Head Life</b>	100 Km, 100 million pulses
	<b>Auto Cutter Life</b>	1 million + cuts
<b>Safety Standards</b>	UL, C-UL, FCC Class A	

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