CITIZEN SYSTEMS PRINTERS PROVIDE ScriptRx WITH PERFECT PRESCRIPTION FOR HARDWARE HEADACHE

ScriptRx Needed A Printer That Could Handle the Demands of Busy Hospital Emergency Rooms … Citizen Delivered the Solution

TORRANCE, Calif. – ScriptRx, the leader in electronic discharge systems for the healthcare industry had a problem; its emergency room touchscreen workstations were helping doctors create patient discharge instructions and prescription forms more quickly and precisely than ever. The problem was the workstation's laser printers were breaking down due to the demands of the heavy workload. No printer means no prescriptions and big headaches for the attending physicians.

> *"The printers are the heart of our system and they were breaking down far too frequently, without them our workstations were useless. We went looking for an answer and found it at Citizen."*

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"We have found that doctors have very little patience for disruptions in their work," said Dr. Timothy G. Coffield, CEO of ScriptRx. "The printers are the heart of our system and they were breaking down far too frequently, without them our workstations were useless. We went looking for an answer and found it at Citizen."

Coffield found the solution to his problems in the form of the Citizen CT-S4000 thermal printer. This high-speed printer with selectable paper widths up to 112 millimeters made it perfect for printing the larger amounts of data required for patient prescriptions. Its DMA (Direct Memory Access) means text and graphics can download and print faster and its ability to handle large capacity paper rolls means fewer roll changes. When it's time to replace the paper roll, easy drop-in loading makes the job a snap.

"Since we began using the CT-S4000 our service calls for broken hardware have become practically non-existent," added Coffield. "The doctors are happy, the patients get processed faster and the pharmacists get a prescription they can actually read."
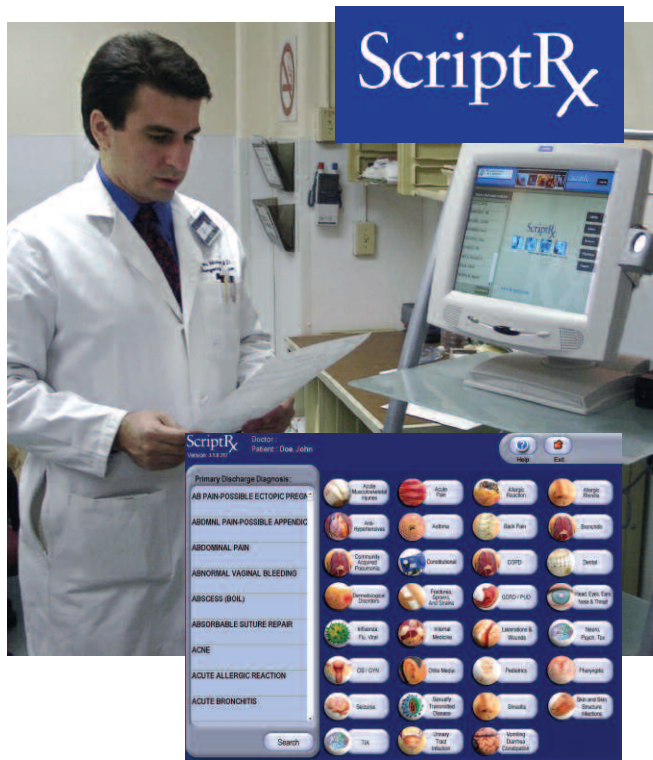
Key Features:

- Direct Memory Access (DMA)
- Two-color capable
- Secure prescription ready
- Large capacity (102mm) drop-in paper loading
- Can accommodate three different paper widths (112, 82.5, 80 mm)
- Dual cash drawer kick-out
- Internal power supply
- Internal buzzer
- Label version available (CT-S4000L)
- Horizontal, vertical and wall mount options
- Dual interface standard on ALL units (USB + serial, parallel or Ethernet)
- ESC/POS Emulation
- Ships with Windows™ 2000, XP, Linux, and OPOS™ drivers and Customization utility
- **Industry's Best - Three-Year Warranty**

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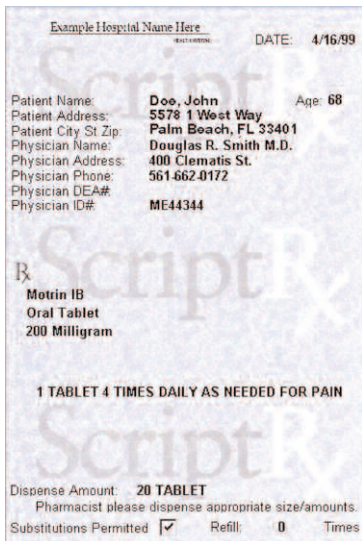
Leading Technology for Humanity

About ScriptRx

ScriptRx, Inc. is the leader in electronic discharge systems specific to the "walk-in" ambulatory sector of healthcare. This includes hospital emergency departments, urgent care centers, and retail health clinics. We offer interactive electronic prescription writing and discharge instruction templates packaged into the most intuitive and easy to use software application to date. Our solution, customizable software with touch screen hardware, is emerging as the industry standard for demanding walk-in ambulatory care environment

ScriptRx offers emergency department physicians a fast and secure way to provide patients with the printed information that they need. The intuitive touchscreen contains 35 categories organized around the most common ailments routinely encountered in the "walk-in" ambulatory care setting. The doctor chooses a diagnosis and the system provides a list of medications currently used in treatment as well as suggested discharge instructions. All that is left to do is press print and the CT-S4000 quickly and reliably delivers a copy of the prescription that the patient can then take to a pharmacist.

"We are always pleased when we can help customers find a printing solution," said Seth Avergon, Senior Director of Marketing for Citizen. "This is a perfect example of Citizen supplying a printer for a healthcare environment that can help meet the demands of a busy emergency room."

About the Company

Citizen Systems America develops and markets receipt printers, industrial printing solutions, barcode label printers, portable thermal, high-speed line impact, specialty forms impact, serial matrix printers and OEM printer mechanisms that are used in a variety of industries from foodservice to retail to banking. For more than two decades, Citizen products have set the standard for performance, reliability and value among printers.

For more information, please visit Citizen Systems America's website at http://www.citizen-systems.com.

CT-S4000 Hi-Speed Thermal Printer

Applications:

- ■ Secure Prescription Printing
- ■ Hospitality
- ■ Delivery
- ■ Banking
- ■ Ticketing
- ■ Hotel
- ■ Coupons

Specifications

Printing Method	Line thermal dot printing
Printing Width	112/82.5/80 mm
Dot Pitch	8 (horizontal) X 8 (vertical) dots/mm (203 dpi x 203 dpi)
Printing Speed	**Max. 150 mm/sec (35.4 lines/sec)**
Number of Columns	112 mm paper: Font A - 69 columns, Font B - 92 columns, Font C - 104 columns 82.5 mm paper: Font A - 55 columns, Font B - 73 columns, Font C - 82 columns 80 mm paper: Font A - 48 columns, Font B - 64 columns, Font C - 72 columns
Character Size	Font A: 1.25 x 3.0 mm (12 x 24 dots), Font B: 0.88 x 2.13mm (9 x 17 dots), Font C: 0.88 x 2.00 (8 x 16 dots)
Character Table	Code page 437, 850, 852, 857, 858, 860, 863, 864, 865, 866, Katakana, WPC1252, Thai code 18
Barcode Types	UPC-A/E, JAN/EAN-8, JAN/EAN-13, ITF, Code 39, Code 93, Code 128, CODABAR, PDF417 (Label type only)
Line Spacing	4.23 mm (1/16 inch) can be set by command
Paper	112, 82.5, 80 x 102 mm diameter
Interface	Parallel IEEE1284 compliant + USB, Serial (RS-232C) + USB, Ethernet + USB
Input Buffer	4k bytes, 45 bytes
NV User Memory	384K bytes
Drawer Kick-Out	Two drawers
Power Supply	Input: AC100-240V, 50/60Hz, 150VA / Output: DC24V, 2A
Weight:	AC power type: 2.1kg
Dimensions (W x D x H)	177 x 213 x 147 mm
Environment	Operation 5-45 C°, 10-90 RH (no condensation) Storage -20 to 60 C°, 10-90 RH (no condensation)
Reliability	Main Unit 20 Million lines Thermal Head 100 Million pulses or 100km Auto Cutter 1 Million cuts
EMC and Safety Standard	UL, C-UL, FCC class A, TUV-GS, CE marking

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