



To: From: Stefani Zikas
Company: Pages: (Includes Cover Sheet)
Fax: 866-500-8910 Date: 2/7/06
RE: CC:
 Urgent For Review Please Comment Please Reply Please Recycle

Have you seen our new online supply store???
<http://www.essvote.com/HTML/supplyshop/>

Comments:

Stefani Zikas
ES&S Customer Service
1-877-377-8683 Ext. 1127
1-402-970-1127
Fax: 1-402-970-1285
slzikas@essvote.com

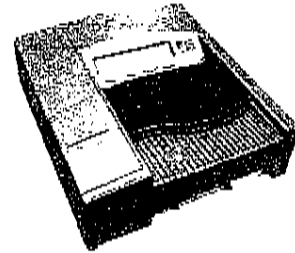
"Maintaining Voter Confidence. Enhancing the Voting Experience."

11208 John Galt Boulevard, Omaha, Nebraska 68137-2364 USA
PHONE: (402) 970-1100 ■ Toll Free: 1 (877) 377-8683 ■ FAX: (402) 970-1285
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Better Elections Every Day

MODEL 100



The ES&S **Model 100** is a precinct-based, voter-activated paper ballot counter and vote tabulator. Utilizing advanced Intelligent Mark Recognition (IMR) visible light scanning technology, the Model 100 Precinct Ballot Counter is a proven mainstay for jurisdictions worldwide utilizing precinct level voting and tabulation.

Ensures Ballot Integrity

To ensure voter intent and ballot integrity, the Model 100 alerts voters to over-voted races and under-voted ballots. In the event of over-voted and under-voted situations, the Model 100 immediately returns the ballot to the voter, displaying the specific race in question in the LCD display. The voter may then instruct the Model 100 to "accept" or "return" the ballot through the simple push of a button. Returned ballots provide the voter the opportunity to privately revise and then recast their ballot.

Security and Reliability

The Model 100 with its rugged, stainless steel chassis features two independent, lockable ballot containers to separately retain both write-in and oval/arrow response area ballots. An emergency ballot compartment is also included to securely store ballots in the unlikely event of unit failure or ballot disputes.

Up to six hours of continuous precinct counter operation is delivered by a maintenance-free, sealed battery charged by an internal power supply. An internal thermal printer is provided to print election results and document an audit log of all unit transactions.

State-of-the-Art Flexibility

Driven by an Intel® processor, the Model 100 utilizes QNX® operating software which provides real-time resource management, true multi-tasking capability, and unparalleled election accuracy. Dual Contact Image Sensors enable both sides of the ballot to be accurately scanned simultaneously. The Model 100 efficiently processes right or left-hand oval and arrow response-area ballots, and ballots may be inserted without any orientation restrictions.

Fast Election Reporting

Immediately upon poll closing, the Model 100's internal thermal printer legibly prints out vote totals, and enables election officials to immediately transmit results to election central. The Model 100 comes equipped with dual PCMCIA slots, an optional CDPD modem for transmitting results, and two external serial ports and one parallel port allowing the connection of a wide array of external components. All election definition programs, actual vote tallies, and audit logs are retained securely on the PCMCIA memory card within each Model 100 unit.

Tested, Certified, Proven

The Model 100 has been fully tested by an independent testing authority, certified to meet or exceed the rigorous standards of the U.S. Federal Election Commission, and proven through the use in thousands of actual elections worldwide. Over 21,200 Model 100 units are accurately and reliably supporting elections throughout the world today. We look forward to supporting yours!

285ESS-0516

1408 John Galt Blvd. • Omaha, NE 68137 USA
 Phone: 402.593.0101 • Toll Free U.S.: 1.800.247.8683
 Fax: 402.593.8107 • www.essvote.com

Model 100 Specifications

Size: 14"(35.6 cm) W x 5"(12.7) H x
16" (40.6) D

Weight: 20.7 lbs. (9.4 kg) w/internal battery

Scanner: Visible Light Optical

Activation Device: Paper Ballot

CPU:

Scanner: Intel™ 286EX 33 MHz

System Memory: 4 MB RAM, 512K Flash

PCMCIA Memory Card: 512K, 2 MB

Scanner:

Visible Light: Yellow/Green

Wavelength: 560 nm

Filtering: IMR

Drive System: Precise Stepper Motor Drive

Serial Ports: Two RS232

Memory Card Interface: PCMCIA format

User Interface: 4-button membrane switch panel

Display Type: Liquid Crystal Display

Display Resolution: 4 lines X 40 characters

Printer Type: Thermal Printer
(Citizen™ Model LT-286)

Display Resolution: 8 dots/mm, 384 dots/line

Ballot Types:

Left-side Ovals and Arrows

14"(35.6 cm), 6 columns, 36 rows

17"(43.2 cm), 6 columns, 41 rows

Time/Date Stamping: Internal real time Clock Chip for time/date stamping reports and audit logs.

Power Management: Internal battery floating on system to provide uninterrupted operation.

Internal Battery Type: Sealed rechargeable lead acid, 12V, 7.0 AH

Power Supply and Voltage: 40W
Continuous Switching, 15VDC, 2.6A

System Power Requirement: 120VAC, 50/60 Hz, 2A

Operating Environment:

Temperature: 60° to 100° F (16° to 38° C)

Humidity: Less than 95% non-condensing

Vibration: 10 Hz

Storage Environment:

Temperature: 0° to 120° F (-18° to 49° C)

Humidity: No requirements

Vibration: 10 Hz

Transportation Environment:

Temperature: +5° to 122° F (-15° to +50° C)

Humidity: 5% to 95% non-condensing

Vibration: 10 Hz

Ancillary Items:

- Paper spools
- PC cards
- Markers
- Pressurized air cans
- Cleaning pad and Isopropyl rubbing alcohol