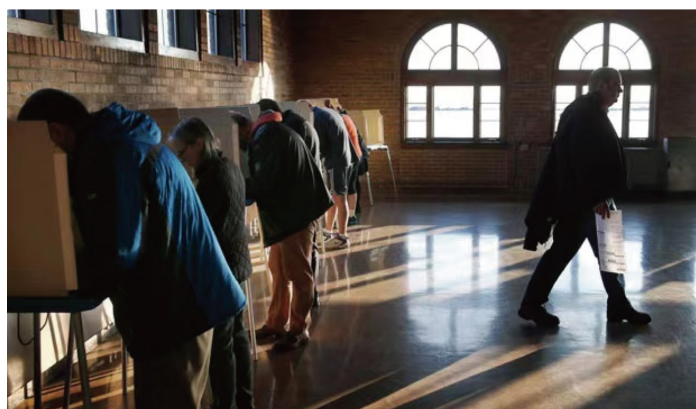# INTEGELEC

Precinct Counting Optical Scan Machine- ICE-100

ICE-100 is used in the case of paper-based voting to finish the instant ballot counting at the precinct-level, being user-oriented, ensuring high availability, usability, security, and promoting the transparent and independent voting of each voter, while the workload of counting is greatly reduced.

• Application scenarios

Communication Module

Touchable Screen

Physical Buttons

Receipt Printing Module

Scanning Module

Large-capacity Ballot Box

Removable Wheels

A Touchable Screen

With physical buttons, it gives election officials and voters a better operating experience.

Ballot Feeding

The automatic ballot feeding and transmission make it easy and fast to finish voting.

Ballot Return

Non-ballot and irregular ballots can be returned, and voters can even return ballots voluntarily.

Receipt Printing

The content of the receipt is customizable, covering all the content you want to print. The receipt is automatically cut for voters to get. The receipt paper bin has a larger capacity and the device supports extra-long receipt printing.

Large-Capacity Ballot Box

The oversized ballot box is customizable to meet the storage needs of different numbers of ballots, which is convenient for overall handling and storage, and can hold more than 2000 A4-sized ballots.

High Accuracy

The success rate of vote counting is higher than 99.99%. The accuracy of vote counting is ensured by means of image recognition technology and questionable ballots auto-return.

Highly Customizable

The length of ballot paper and the capacity of ballot box are highly customizable, and so are ballot styles and operation processes.

Product Specs

Parameter Name		Parameter Content
Overall Dimension		Reference dimension: 566mm(W)×1042mm(H)×1036mm(D)
Net Weight of Machine		<30KG
Requirements of Ballot-Return		Requirements of ballot-return Support ballot-return function
Capacity Requirements of Ballot Box		1000 ballot papers: about 210mm (W)× 838.2mm(L) 2000 ballot papers: about 210mm (W)×297mm(L)
Host	Mainboard of industrial personal computer	≥1GHz
	Hard disk	≥32G
	Memory	≥1G
	Port	4 external USB ports (including 2 USB 2.0 and 2 USB 3.0), 1 network port and 1 SD card slot
Operation Screen	User LCD screen	10.1-inch LCD screen, 1280*800, 16:9, adjustable brightness
Scanning Module	Scanning method	Double-sided scan
	Scanning speed	Maximum 200mm/s
	Scanning area	Lateral: 8.5 inches; Longitudinal: 11.69 to 36 inches
Printing Module	Printing method	Thermal line
	Resolution	200DPI
	Printing width	80mm
Working Voltage		Voltage :220V Frequency :60Hz
Length of Power Line		1.5m
Communication Method		Network port, 4G, WiFi
Working Tmperature and Humidity		5℃～45℃ 20%～90% (40℃ non-condensed state)
Storage Temperature and Humidity		-40℃～60℃ 20%～93% (40℃ non-condensed state)