

VIU Desktop

Efficient Biometric Voter Registration & Authentication



Benefit from the incredible flexibility of our VIU Desktop.

One fully integrated machine, many configurations for your registration and authentication needs:

- Capture voters' biographic and biometric information;
- Digitize official documents;
- Authenticate voters to guarantee voter eligibility;
- Use as an e-Poll book;
- Activate a voting machine session;
- Capture election results and securely transmit those;
- Record and report events, milestones and incidents.



Plug & Play Simplicity

Unlike other registration solutions, ours is fully integrated and can be used right out of the box, simplifying operators' tasks.



Flexibility Due to Modularity

The device can be easily customized, adjusting, the camera, USB ports and a single, double, dual or four-slap fingerprint scanner.



Optimized for Operations

As the purpose specific VIU is fully integrated, tamper proof and lightweight, it is optimized for storage, transportation, and deployment.

Technical Specifications

VIU Desktop



1 Ports
DC power input (15V-24V input range)
2-3 ports USB 2.0
Or 2 ports + Ethernet (optional)

2 Touchscreen
High definition Capacitive 10" screen

3 Fingerprint Scanner
Single
Double
Dual
4-slap

4 Printer
2" thermal printer

5 Camera
From 5-8MP

Connectivity
Wi-Fi 802.11 b/g/n
Bluetooth 4.0
3G/4G (USB accessory)

OS Supported
Windows 10, Android and Linux

Security
Encrypted audit logs, real-time backup, lockable ports with tamper evident seals

Weight
+/- 2kg

Power Autonomy
up to 10 hrs

Usability
Ergonomic 30° viewing angle
Intuitive interface

Security

Multiple layers of security controls

- The VIU Desktop includes proprietary hardware and software, which protects against any third-party attacks.
- The device confirms transactions, has redundant data storage, employs encryption, digital certificates and manages the data through digital signatures.

Protection against unauthorized access

- The external ports are lockable with tamper evident seals to avoid any violation of the device.
- To avoid manipulation, repositories of sensible information have a set of shared encryption keys.

The availability of a unique auditability layer ensures full end-to-end transparency

- The device keeps a full audit log for every step of the voter registration process, with the capability of recording and printing.

Ergonomically designed. Robust. Multifunctional.

If you are interested in learning more, contact us now at hq@smartmatic.com, asia@smartmatic.com or latam@smartmatic.com

Smartmatic specializes in the design and deployment of election system technologies. As the global leader in providing secure, transparent, accessible, verifiable voting systems, Smartmatic is setting the standard for election integrity and inclusivity worldwide, including encrypted results transmission, paper ballot back-up, extensive auditing and Internet voting.

