



## AADHAAR ENABLED BIOMETRIC ATTENDANCE SYSTEM




### Technical Specification

- Processor- 1.2 GHz Cortex A7 Dual Core Processor
- RAM- 512MB RAM
- Internal Storage- Flash 4GB, Expandable through micro SD, minimum 32 GB
- Micro USB port with OTG support
- Front facing Camera with VGA resolution, 2 MP Rear Camera (Not Used)
- 7" Capacitive touch screen, 800x480 pixel resolution, 16 M Colors
- Battery backup up to 120 minutes (3000mAH)
- GSM SIM card slot
- SAR values within acceptable range
- Separate charging port on the tablet. AC adapter for 230V +or-10%, 50Hz operation
- Edge /4G mobile data support
- WIFI IEEE 802.11 B/G/N,
- Bluetooth, G Sensor
- Internal Speakers, Audio jack 3.5 mm headphone jack
- Software : Android 4.2.2 Operating System
- STQC Certified single finger print Biometric device for Aadhaar authentication
- Full featured Web Mobile App deployed on Android to connect to NIC Server
- Housed in a Rugged Wall-mount Attractive Enclosure
- STQC Certified for Environmental Tests for Dry Heat, Cold Test, Damp Heat (Cyclic) Test & Drop Test, ROHS Compliant vide ERTL(E)/TES/F061/0014/12-14 Dated- 22-DEC-14

\*\*Optional accessory at additional cost

### Aadhaar Based Biometric Technology

**TAB xE** is a complete online solution meant for leveraging the ready  infrastructure. It is a Finger Print Biometric reader connected to an Android based 7" Tablet, housed in a wall mount enclosure. The machine is configured to connect to a UID server on internet using Wifi or GPRS. It is having a rooted Mobile App loaded for online operation.

### Operating Procedure

The employee enters the last 8 digits of UID number using touchscreen based keyboard & places any finger for online verification. The device captures the finger image & push the template to UID Server, hosted by NIC (for Govt. Organisation), for 1:1 verification using Wifi. If Wifi is not available, it uses GPRS. The live template is identified from Server & displays the response, assuming the machine is authenticated. If the verification happens successfully, the attendance is marked in UID server for online view of attendance data using Login credentials.