

|| RailEze

A Smart Biometric Token machine
For efficient Crowd Management at Railway station

by **moreze**
SOLUTIONS THAT EASIFY

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*indicative purposes only

Brand of **MANTRA**



» For efficient Crowd Management at Railway stations

Moreze brings RailEze, a smart and interactive Biometric Token Machine to manage the passengers at railway stations ensuring crowd management with complete safety assurance for the Govt. As of 2018-19, the Indian railways had 13,523 passenger trains actively running in India with over 22,669 trains running daily transporting over 840 Crore passengers in 2018-19 becoming the world's largest passenger carrier.

Not only does the Indian Railway offers low fares keeping in view affordability for the common man but also incurs losses under social obligations on account of concessions in passenger fares and pricing of fares below cost. A large number of these passengers comprise of the second class General category who travel without reservation on the said trains and also overboard the train than the capacity of seats installed. This is another huge loss reason for the Indian Railways.

With RailEze, the Indian Railways can ensure that only the passengers carrying a unique token for the said train can travel on the train limiting the number of passengers boarding the unreserved class to the number of seats installed. This helps in managing the mayhem caused by the indefinite number of passengers while boarding the train.

RailEze also ensures that the tokens are uniquely issued based on the STQC verified Fingerprint scanner. Biometrics/ allows a person to be identified and authenticated based on recognizable and verifiable data which is unique and specific. Also, very soon, checks could be performed against biometric data held by the Crime and Criminals Tracking Network System (CCTNS) to determine the criminal history of any passenger.

» Prominent features of RailEze

- ◆ Biometric based Authentication and Identification with STQC verified Fingerprint scanner
- ◆ Efficient crowd management of the mayhem caused while boarding trains in the unreserved class
- ◆ Control the passengers overboard the train by limiting it to the installed capacity
- ◆ Unique token issued to each passenger thereby controlling any corrupt practices
- ◆ Option to perform checks with the Crime and Criminals Tracking Network System (CCTNS) for monitoring movement of criminals
- ◆ Seamless integration with Railway software to be able to issue exact number of tokens for the number of seats installed in the respective train
- ◆ Rugged nature of the Kiosk enclosure as well as the Touch monitor ensuring longevity of the machine installed.

» Specifications



COMPUTER SPECIFICATIONS

Variant	Processor	Memory	Storage	Operating temperature	Connectivity
Basic	Intel N4200	4GB RAM	128 GB SSD	0° to 60° C	WIFI, Ethernet and Bluetooth
Professional	Intel Core i3 8 th Gen	8 GB DDR4 RAM	1TB HDD		
Enterprise	Intel Core i5 10 th Gen	8 GB DDR4 RAM	1TB HDD		

TOUCH DISPLAY

Display Size	Touch Technology	Aspect Ratio	Display Technology	Resolution	Surface
17"	PCAP 10 point multi Touch	5:4	LCD with LED backlight	1920*1080	7H hardness with Anti-Glare

STANDARD OPTIONS:

 Built in High resolution web camera(FR Optional)	 STQC Verified Fingerprint Scanner	 Amplified Dual speakers
 Castor wheels for portability with locking mechanism	 Thermal receipt Printer with Auto Cut	 Rugged Steel Enclosure with powder coated finish
 Lock and Key Access panel	 Industrial Power supply	 Surge protection

» Upgrade Options





- ◆ STQC verified IRIS scanner for Biometrics
- ◆ Facial Recognition camera with Liveness detection
- ◆ Barcode scanner
- ◆ Heating and Cooling system
- ◆ Proximity sensors
- ◆ Cellular connectivity
- ◆ Privacy screen
- ◆ Open Door alarm system
- ◆ UPS for power backup

» Kiosk Management Software




Kiosk Administration

- ◆ Modify Kiosk content from anywhere
- ◆ Kiosk stats and Reporting
- ◆ Manage 1 or 100 kiosks remotely
- ◆ Component performance and maintenance alert status
- ◆ Easy to use pre built Screen templates
- ◆ Add Company branding and logos
- ◆ Configure text or email alerts
- ◆ No technical skill required

Functionality Software

-  Print, scan and copy documents
-  Scan Credit cards, IDs or Barcodes
-  VoIP Calling technology
-  Biometric Identity verification

Security and Utilities

-  Restrict web access as desired
-  Run Windows or Web based software
-  Energy savers and screensavers

