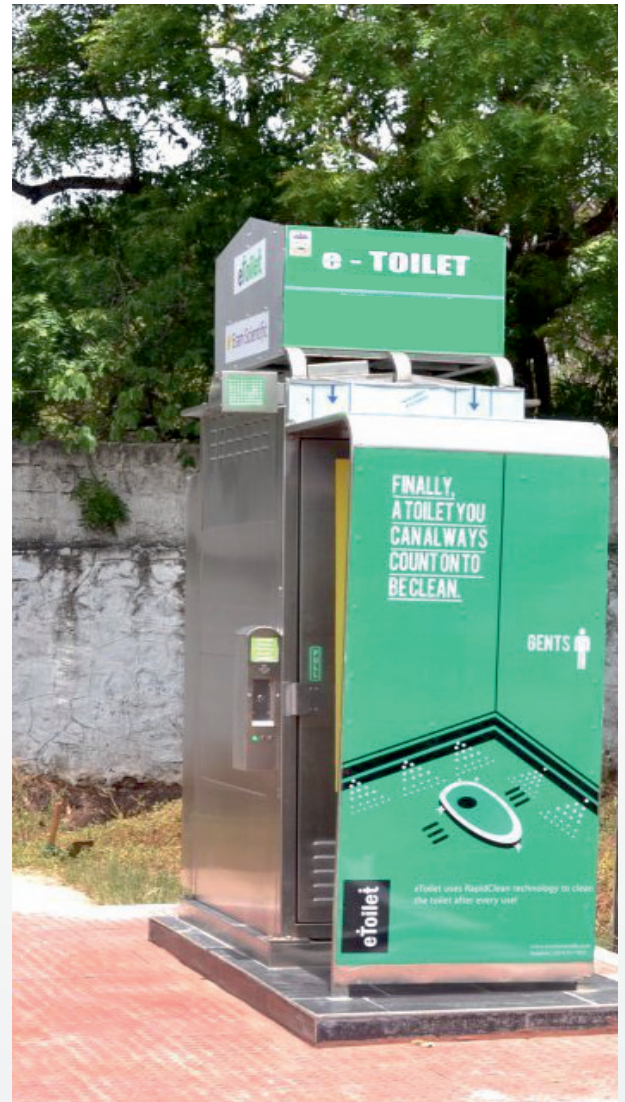


Portable Toilet Controller

This innovative logic controller controls and remotely monitors all the aspects of the modular, portable toilets. Starting from money collection, lighting, access control, occupancy sensing, water management and hygiene system.

Complete health data is transmitted to cloud and then displayed on a website helps the management to maximize the revenue collected from each toilet installed anywhere. Google maps based location identification helps to group the toilets and assign maintenance engineer to them as well track the revenue by region.

Dual level access to website provide admin and maintenance personnel. E-mail and SMS Alerts provide when the functions of the Toilet fails helping the maintenance personal to reach toilet location as quickly as possible. Different reports are generated to help the management. Few of the critical functions of the toilets can be controlled from website after selecting the toilet providing bidirectional control.



- ✦ Over Head tank and Sump Level Sensors to monitor Water Level
- ✦ Alarm Buzzer for Alerts
- ✦ Automatic Controlled Exhaust Fan
- ✦ Emergency Switch to Exit

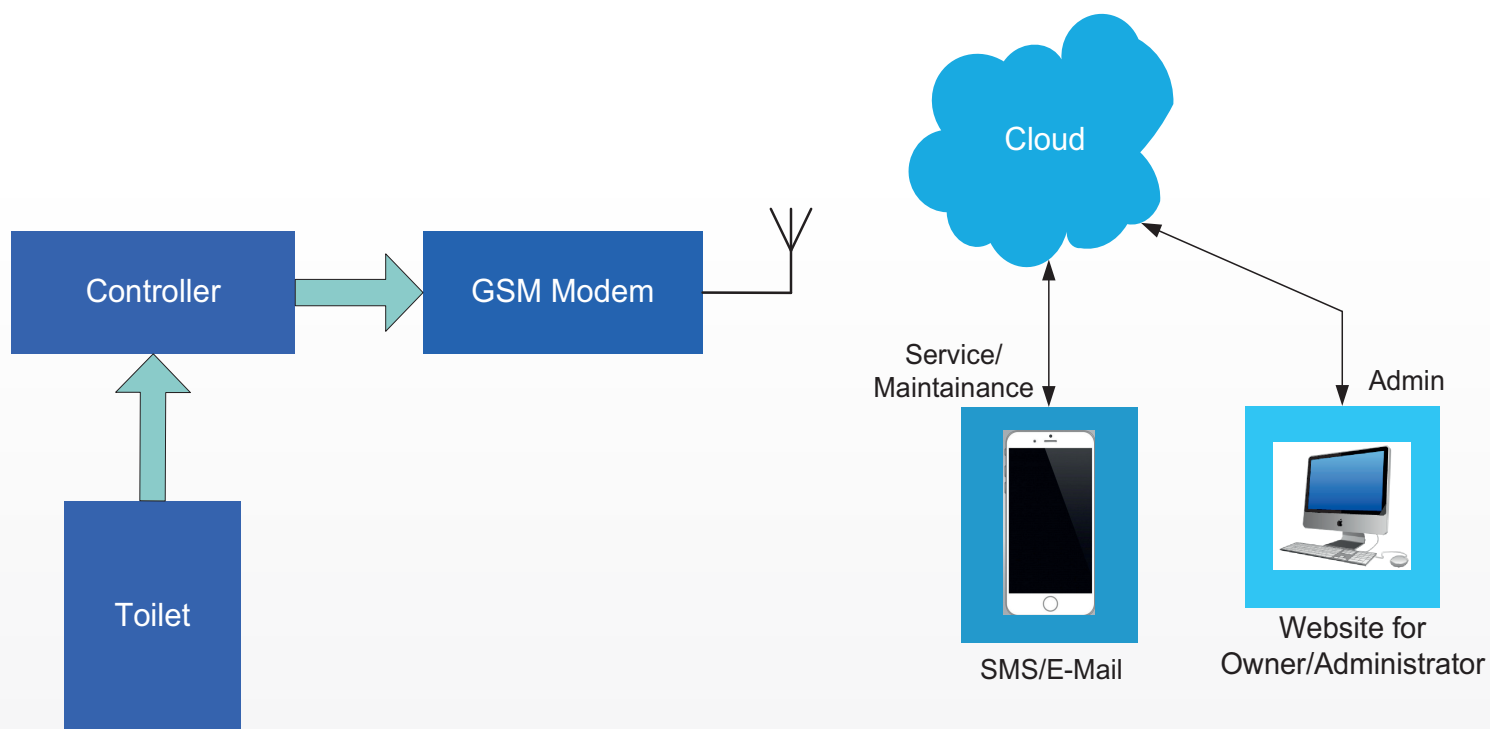
Key Features

- ✦ Cloud Connected Toilet for Easy Monitoring and Control
- ✦ SMS / E-mail Alerts for maintenance
- ✦ Advanced Electronics - Controls and Communicates to the Internet/Cloud
- ✦ Coin Operated with Revenue reported to cloud

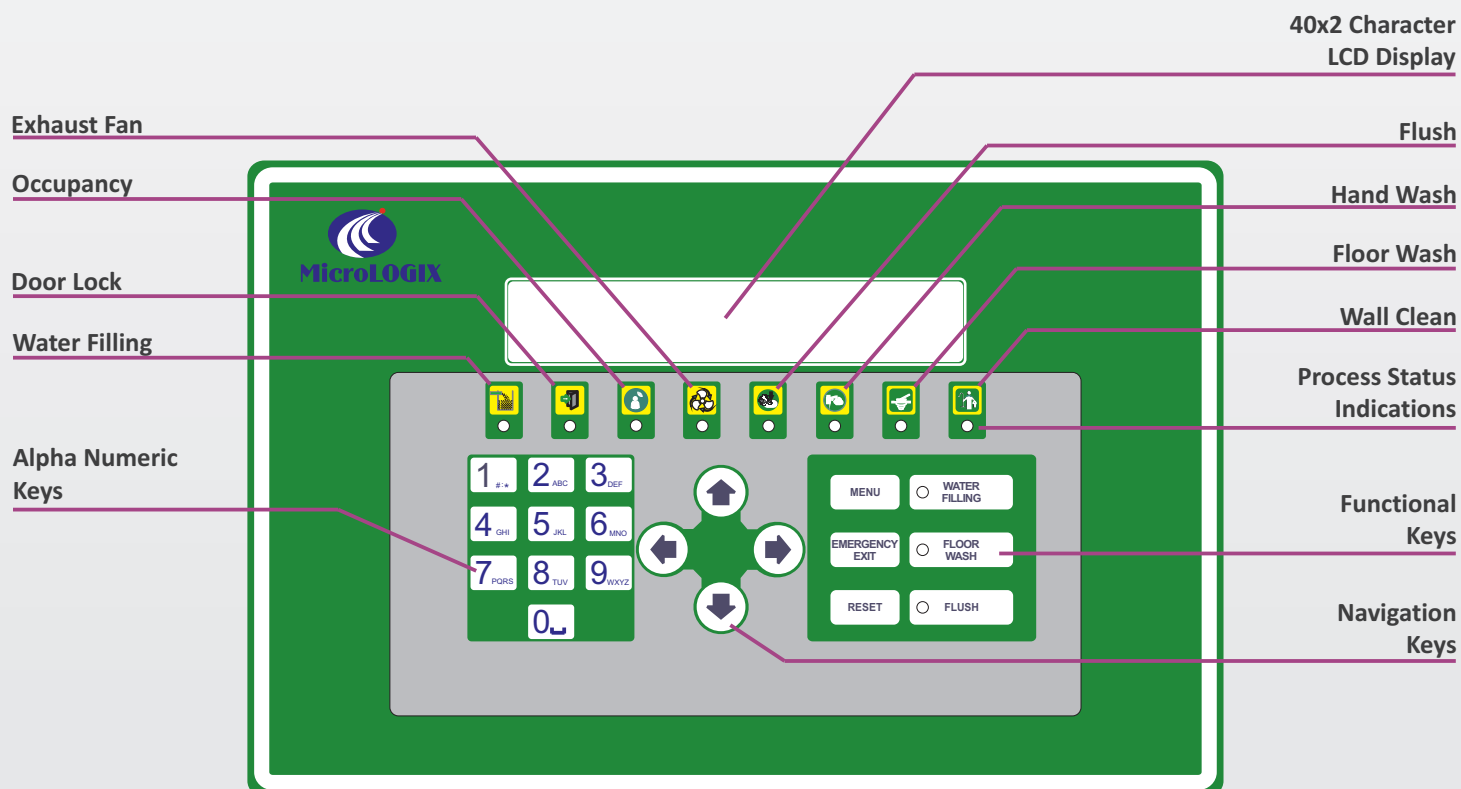
Toilet Specifications

- ✦ Coin Collector for money collection
- ✦ Voice Guided user interface for step by step instructions
- ✦ PIR Sensor to detect User presence
- ✦ Status Light (Green/Red) for Occupancy Indication
- ✦ LED light On/Off Control
- ✦ Door Lock Control
- ✦ Automatic/Manual Flush
- ✦ IR Sensor Controlled Hand wash System

Complete System Block Diagram

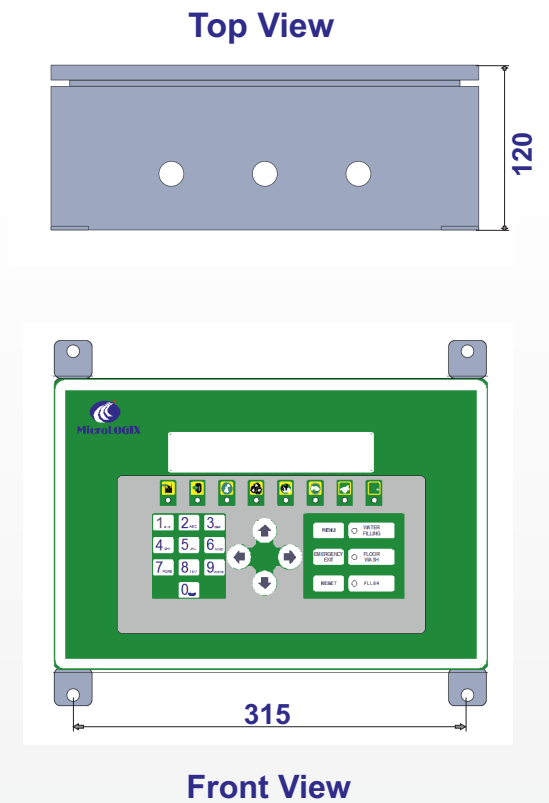
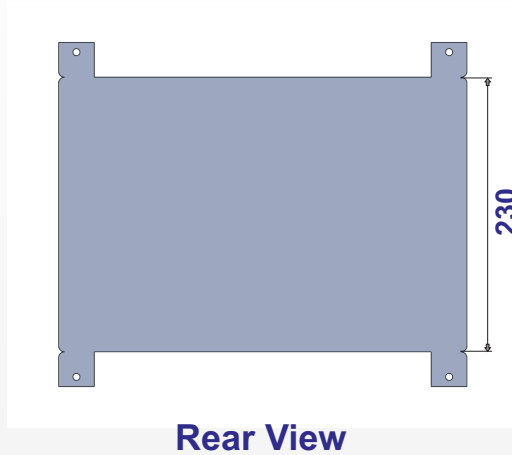


Front Panel

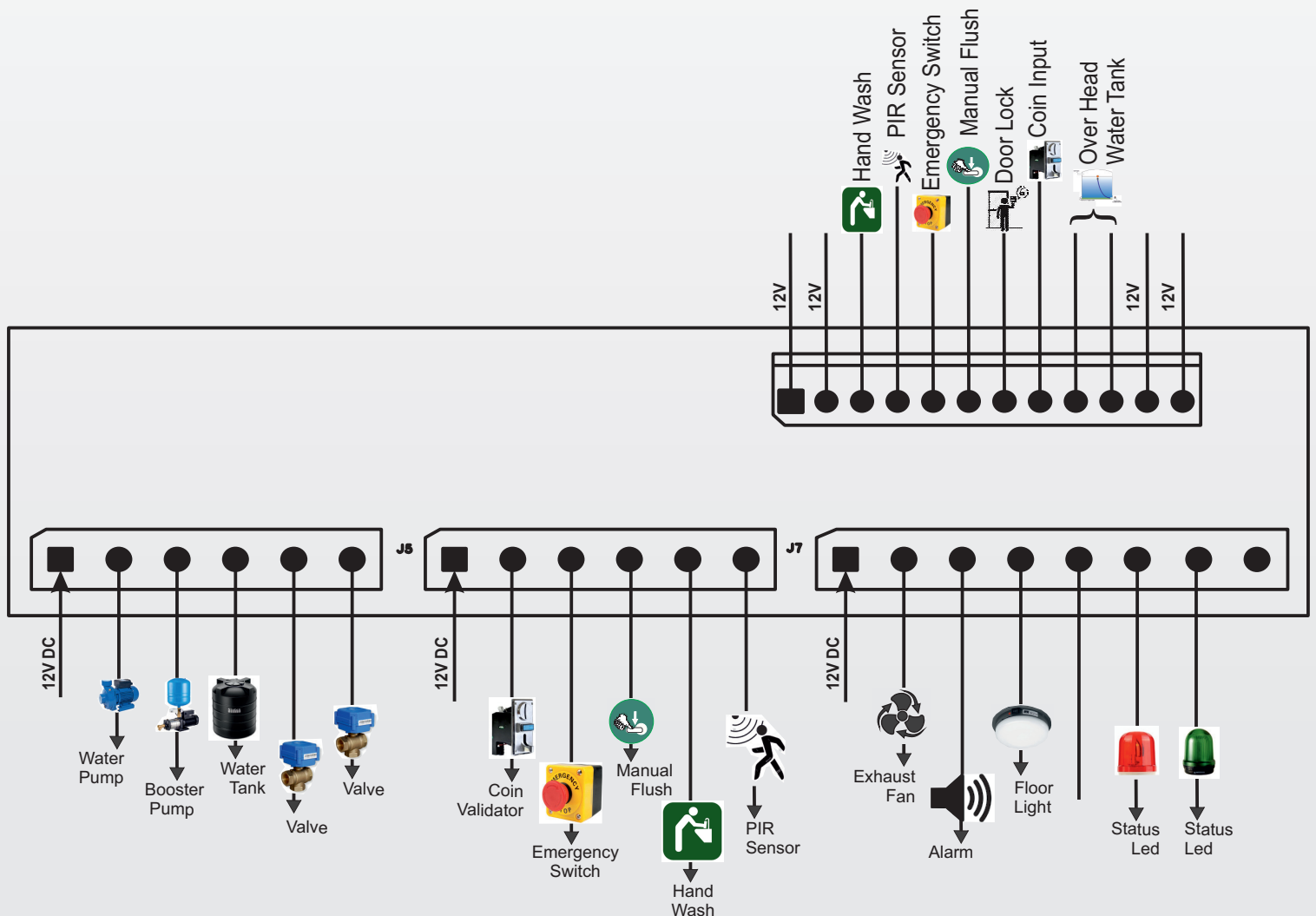


Mechanical

- Dimension** – 345mm(W)x230mm(H)x120mm(D)
- Weight** – 4500 gm
- Construction** – IP55 Powder Coated Metal Enclosure
- Cable Entry** – Pg16 Glands
- Operating temp** – -5 to 55°C
- Relative Humidity** – 85% Rh with No Condensation

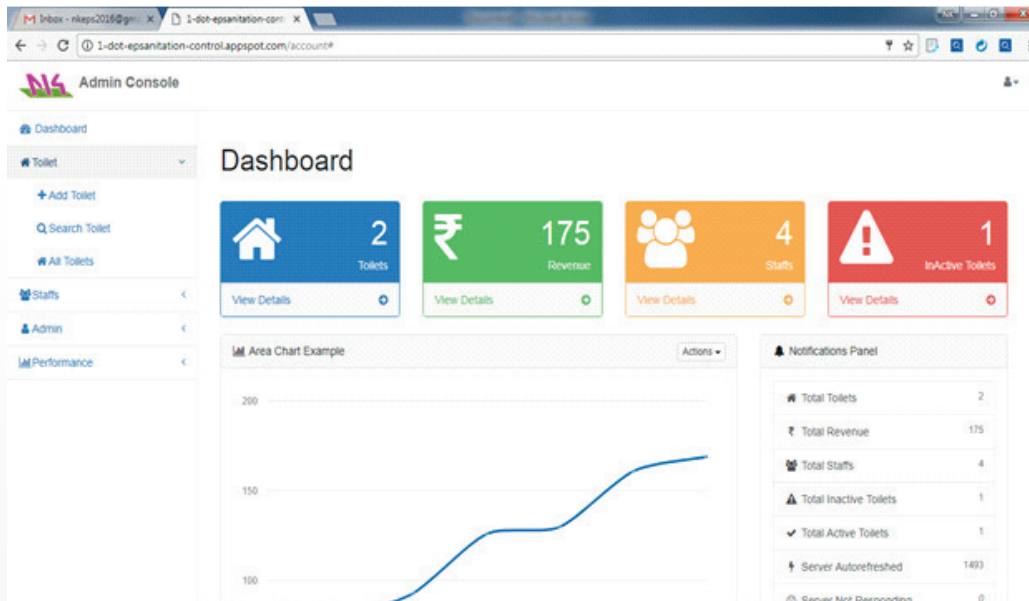


Wiring Diagram

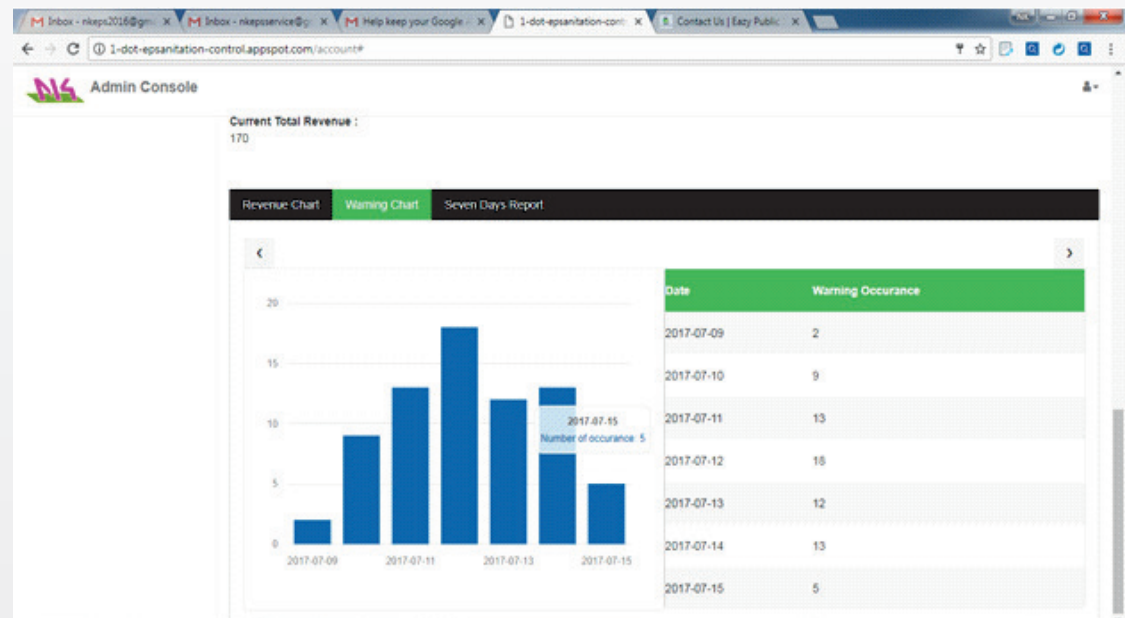


Web Interface

Dash Board



Data Analytics



Data Storage

Search Toilet

Search by Maps | Search by Toilet | Search by Employee

Toilet Details

Validity	Toilet ID	Location	Logs
1-1-2018	490047000b51343334363138	E68/1, 4th Cross Rd, Kasthuri Badavane, Ganapathy Nagar, Phase 3, Peenya, Bengaluru, Karnataka 560058, India	
05-09-17	510034000951343334363138	15th Cross Rd, S S Puram, Tumakuru, Karnataka 572102, India	