



IoT Based Water Pump Control System

FEATURES

- Ability to control water pump over cloud from anywhere.
- Ability to monitor the status of pump over the cloud.
- Energy monitoring and recording the consumption of water pumps.
- Automatic mode + manual mode.
- time base schedule settings.
- Battery backup.
- In-built a GPRS modem.
- In-built wifi and Bluetooth connectivity

CONTROLLER

1. 32bit microcontroller with speed upto 240Mhz.
2. Microcontroller have internal memory upto 4mb.
3. over the air provisioning interface.
4. Have capability to perform MQTT, Publish/subscribe transport protocol.
5. Local intelligence, device will be able to perform scheduled operations at own without cloud.
6. Configurable device data sampling time.



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