

IoT Based Stroke Counter System

Features:

- *Wi-Fi based system which remotely sends data to the cloud server*
- *Helps supervisors and managers to check production in real-time*
- *Works on LAN to ensure data safety*
- *Runs on a micro USB based mobile charger*
- *Can be accessed through any device mobile, tablet or PC connected to the same network*
- *The device features a power LED and indication for cloud connection and fault*
- *Compact design and can be deployed easily to any press machines*
- *The software has following features:*
 - a) Records and displays real time as well as hourly strokes and current drawn data, with time and date of the event*
 - b) Reports can be generated for upto an year*
 - c) Shows machine status, indicated with Red, if machine is not running and Green, if machine is running.*
 - d) A line graph is plotted which shows hourly strokes*

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e) The counter resets once every 24 hours, but the last values are saved for future reference

What's in the package:

- *Stroke Counter Module*
- *Power Supply*
- *NPN Proximity Sensor*
- *CT Clamp-On Sensor*

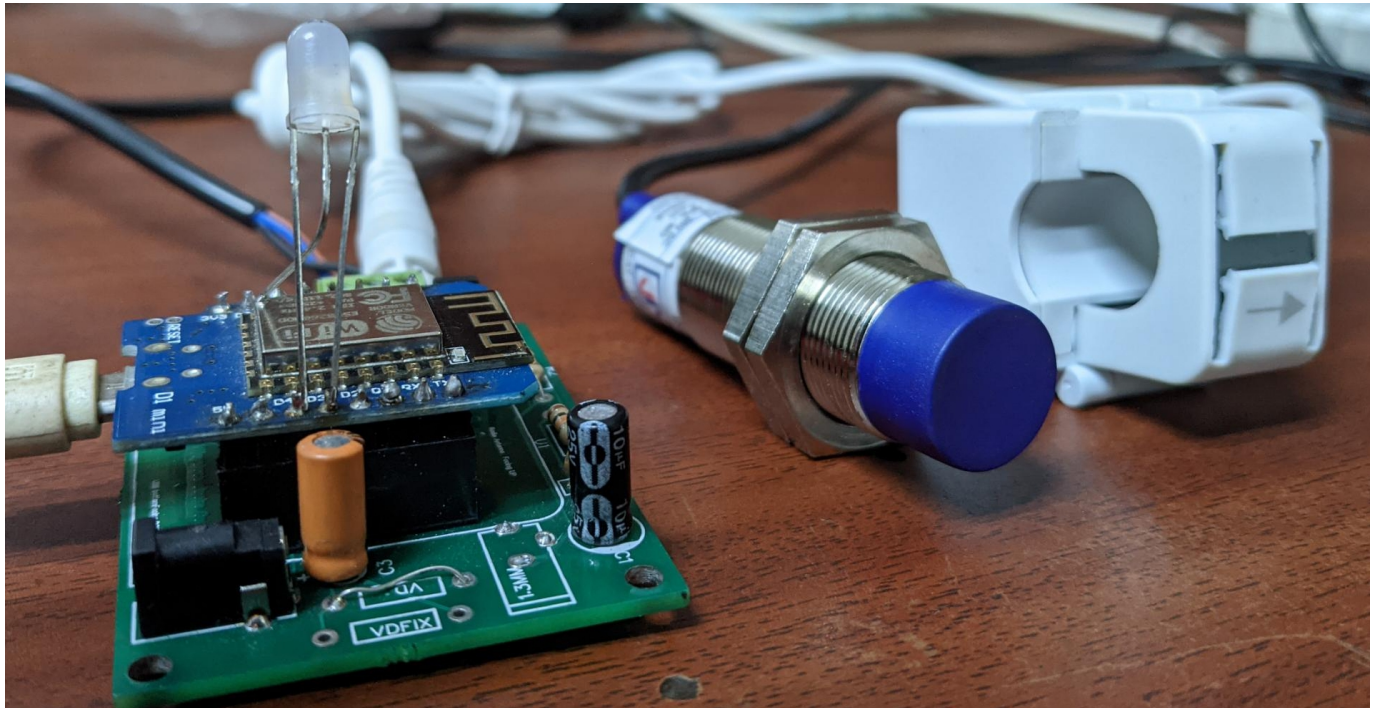
Installation:

- *Mount the module on the machine using mounting position provided*
- *Connect the CT Clamp-On sensor provided on any one of the phase wires*
- *Set manual module IP, do write it down for future reference*
- *Power up the device, the device shall register with server in under 10 seconds*

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- Once setting up is complete, go to the software window and change module name according to the installed module IP, which is shown in that window
- The setup is finished and device is ready to work



Hardware Setup

(Software next page)



CONTACT US:

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Press Name with Running Status

Live Current

Software Setup

Hourly Count

Date: 31-12-2020		REAL TIME DATA FROM PRESS SHOP																								Time: 12:28 AM	
Location	Current Counts	6-7AM	7-8AM	8-9AM	9-10AM	10-11AM	11-12AM	12-1PM	1-2PM	2-3PM	3-4PM	4-5PM	5-6PM	6-7PM	7-8PM	8-9PM	9-10PM	10-11PM	11-12PM	12-1AM	1-2AM	2-3AM	3-4AM	4-5AM	5-6AM		
Press_Area2	0	21	0	0	0	0	0	0	0	0	0	0	17	0	0	0	0	0	0	4	0	0	0	0	0		
Press1	0	215	0	0	0	0	0	0	0	0	0	0	47	1	0	0	0	0	0	98	0	0	0	0	0		
Press3	0	241	0	0	0	0	69	0	0	0	0	0	47	1	0	0	0	0	0	124	0	0	0	0	0		

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