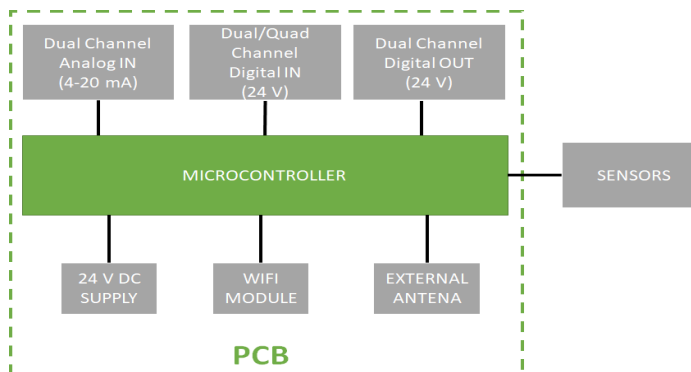


The Dual channel IoT Edge gateway is a device which is designed to connect various industrial grade analog sensors on to it. We can connect up to two analog sensors on to it. Here, connected sensors transmit data wirelessly to the cloud using the Wireless network and IoT communication technology. The sensors data can be monitored on Real time dashboard. Dashboard can be easily accessible on any of the device be it laptop, desktop or a mobile device. This device is powered by 24 V DC supply. The measurement period is 1 minute but it can configurable as per needs.

Block Diagram



INDUSTRY APPLICATION

- Factory Automation
- Automotive
- Food & Beverage
- Oil & Gas
- Energy and Power Utilities
- Wind and Solar
- Building Automation

PRODUCT HIGHLIGHTS

- Single Package solution.
- Easy to setup.
- Plug and go.
- 24V DC supply (Industrial Grade)
- IP65 Enclosure with NEMA ratings
- High precision measurement.
- Dual channel 4-20 mA current loop input
- Supports OTA
- Smart Configuration through Mobile App
- Smart analytics with interactive dashboard

Specification	Specification Details
Processor	32bit CPU
Speed	240MHz
Wi-Fi	802.11 b/g/n AP/STA mode
LEDs	2 STATUS LEDs
Button	On/Off push button
ADC	Dual channel (4 – 20 mA current loop)
Digital Input (DI)	2/4 Channel 24V digital input
Digital Output (DO)	2 Channel OPC (Open collector circuit)
Enclosure	ABS Plastics With Wall Mounting
Operating Range	0° to 65°C
RTC (Real Time Clock)	On-board RTC Support
WLAN Antenna	External Antenna support
Reset Button	On-board reset button
Storage Buffer	Up to 4 MB storage Buffer
Dimensions (LXBXH)	135 X 75 X 30 MM
OTA Support	YES