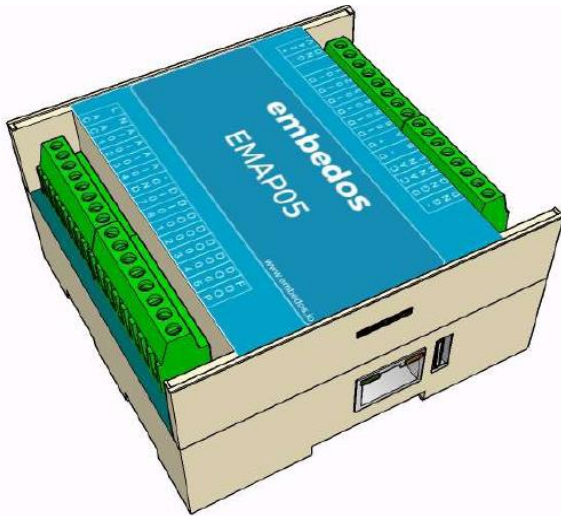


# Embedos Engineering

mail: info@embedos.io  
Website: www.embedos.io



## Production Monitoring

### Hardware

- Blind/3.5 inch touchscreen color display or 7 inch color HMI
- Embedded Linux ,Embedded Webserver
- Ethernet, RS-232 /485, CAN ,USB
- Connectivity – Wi-Fi, GPRS, Bluetooth.
- Fieldbus – Modbus TCP/IP , CAN Open
- Protocols: MQTT,HTTP, OPC
- Local Storage (8GB – 32GB)
- Real time clock with battery backup.

### Description

Monitors production and process in real time.  
Helps plan and schedule production and maintenance activity.

### Software and Reporting

- Web application can Run on any connected Web device such as HMI /PC or Smartphone
- Graph , Pie Chart
- Value Display
- Historical Trends and storage
- Color Change ,Text Change
- Process Mimic Diagram
- Event Log
- Data Export for offline monitoring
- SMS and Email alert system for alarms and programmable events

### Benefits

- Optional Cloud based Centralized monitoring with automatic pre-warning
- Real-time availability of reports from plant level

### Highlights

- Non – Intrusive
- Solid state On device data logging 24x7
- On device basic analytics such as rate monitoring
- Efficiency analysis hourly, shift, daily, weekly, monthly
- Machine usage analysis
- Time stamping of each production work piece (time of production of every piece)
- Modbus connectivity for retrieving data for factory wide SCADA/ DCS applications
- Operator logging of events
- Menu driven HMI

### Applications

- Automobile Components
- Part manufacturing

