iPLC Gateway

- HMI
- VFD
- PLC
- PID
- Servo Drive

Web SCADA

Cloud Server

3rd Party Cloud

Remote online debugging

Remote data

PLC remote download

Web SCADA	Edge Computing	Remote Debugging	Alarm Notification	Permissions Security	Device Location

IIoT remote process control gateway

Supplement your process control setup by adding a gateway for remote monitoring & control
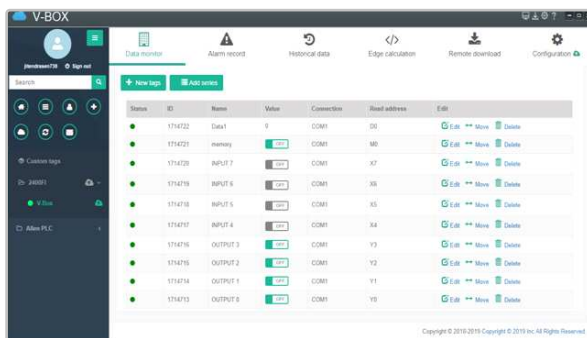
The industrial networks are primarily concerned with Programmable Logic Controllers (PLC), Distributed Control Systems (DCS), Supervisory Control and Data Acquisition Systems (SCADA), Data Acquisition System and other devices for different applications. These devices are based on protocols like PROFIBUS, PROFINET, MODBUS TCP, and RTU.

Scientech 2400IP _i_PLC Gateway is a industrial IoT solution for automation industry to remotely control a device or machine via cloud. It add values by process reduction downtime, allows live data monitoring , remote control , remote debugging , remote programming and boasts productivity. Users can create custom dashboard with drag and drop widgets, and get notification of events and alarms through SMS and email. An online cloud platform is used to log, view and analysis process data.

Features

- PLC remote monitoring and remote program downloads.

- Cloud based data logging and alarm monitoring.

- Live data monitoring and control worldwide (remote operation).

- It supports communication protocols of all major brand PLCs and controllers.

- Supports Wi-Fi/Ethernet network.

- Web SCADA, edge computing, remote debugging.

- Alarm notification , security and device location.

- Create animation and graphical web SCADA for process.

- Real time interface of web SCADA with PLC.

- Account management for admin and user for authentication and permission.

- Support RS232, RS485 and Ethernet protocols.

- Support SMS and Emails.

- OPC access , HTTP developer interface.

- Android/iOS App access , desktop interface.

- Cloud data storage for historical data and alarm data.

- Store upto 50000nos. data point in cloud.

- API Interface and app monitoring.

- Configuration system is user-friendly, secure and reliable.

Industrial gateway software window

Technical Specifications

PLC gateway

CPU	:	Cortex A8 600MHz

Storage

Flash	:	128MB
RAM	:	128MB
SD card	:	Yes (optional)

I/O ports

USB host	:	USB 2.0 × 1
Serial port	:	RS232/RS485
Ethernet	:	3 ports
Wi-Fi module	:	Yes

Software

Real-time data monitoring	:	600 (points)
Alarm data monitoring	:	300 (points)
History data monitoring	:	100 (points)
History data monitoring	:	180 days
Normal pass-through	:	Yes
HTTP interface	:	Yes
Remote update	:	Yes
Configuration backup	:	Yes
Off-line transmission	:	Yes
Power Supply	:	230V AC, 50 Hz
Operating conditions	:	0-40^{0}C, 85% RH
Dimension (in mm)	:	L265 x W185 x H95

Package contains:

USB cable	:	1 no.
Mains cord	:	1 no.
Gateway software	:	1 no.

Subject to change Version 1.0