



Features

- Supporting Multiple database
- Support real-time restful data source API
- Mobile device viewing
- Schedule report
- Multilingual user interface
- Full automatic save status and log-out
- Multiplayer user, Multi-project operation
- Easy to use, customized features
- AI model supported

Introduction

GAIA- W1000-01 is a Web-based, Restful-API, Cross-platform, Real-time dynamic resolution SCADA designed to meet a wide range of application requirements. GAIA- W1000-01 supports real-time restful data source API with full automatic calibration for multiplayer user and multi-project operation, in addition to providing schedule report and multilingual user interface.

Specifications

Restful API input

- Tag GET POST Project GET PUT POST
- Page GET PUT POST DELETE
- Component GET PUT POST DELETE

Monitoring View widget

- Button
- Lamp
- Switch
- Line graph
- Bar chart
- SPC graph
- Pie chart
- iFrame
- Clock
- Real-time Alarm
- Alarm History
- QR-code
- Marquee
- Meter

System Feature

- Edit page and HTML stand-alone view page
- Multilingual user interface
- Industry PC-based or Cloud platform-based
- SQLite Database support
- Connection: Orcal · MS SQL · MySQL/MariaDB · PostgreSQL · Access
- Data tag and running time customized restriction
- USB Keypro security hardware
- Support Windows 7 or above OS.
- Support Chrome · Firefox · Safari · IE · MS Edge browsers
- Script function support
- Password and access control

Platform

- Monitor page: Multi-component with dynamic resolution
- Communication: MQTT message broker, PLC
- System Maimane: Email, alert, report, access control, SPC contro
- Cloud computing and local service: System can be install on local host or cloud computing platform with MQTT message broker service.
- Communication API: Proving restful API for customized communication

Communication

- MQTT message broker service.
- Communication API: Proving restful API for customized communication

