

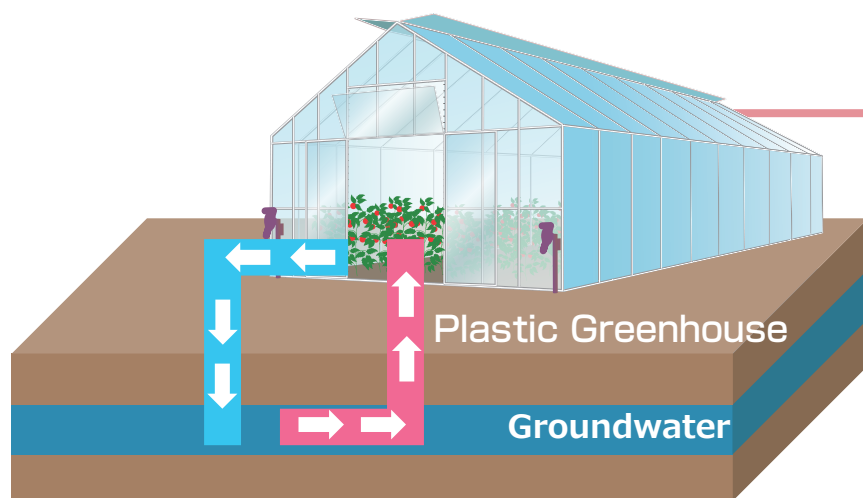
GL860

Monitor Greenhouse Cultivation Facilities Utilizing a Geothermal Heating System

[Industry]
Agriculture
-related

Maintain greenhouse environments with a geothermal system, and use the GL860 to collect measurement data from cultivation equipment! The collected data can be monitored and used to generate reports on a PC.

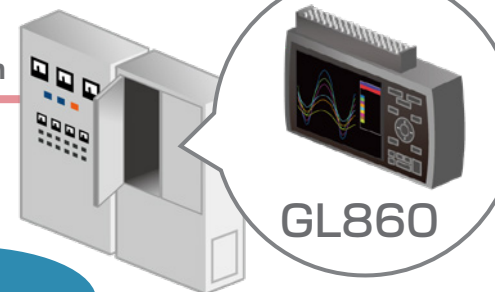
Geothermal Heating System



- ✓ Temperature
- ✓ Soil Moisture
- ✓ CO2 Concentration
- ✓ Airflow
- ✓ Power (Pulse)
- ...

Data Collection

Install the GL860 in the control panel mounted on the outside of the plastic greenhouse



GL860

Control Panel



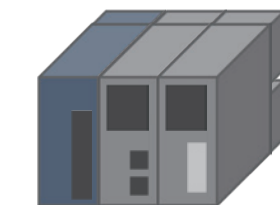
- More affordable than building a system with a PLC measurement unit!
- After acquiring data, you can convert it to CSV format to create reports!

Geothermal Heating System

GL860

Modbus/TCP Control

Data Transmission



PLC CPU Unit



IoT Gateway



Verifying data on the customer's internal FTP server

- Maintaining the growing environment inside the plastic greenhouse by pumping groundwater to supply cold and warm water.
- Groundwater can be reused by returning it to the ground after use and circulating it.