Product Profile

The system consists of monitoring terminal, cloud server and client terminal. Used for remote online monitoring of AC leakage and current, troubleshooting of circuit insulation failure, monitoring of intermittent leakage failure, checking the time of insulation failure, fault location, etc. The instrument are widely used in electric power, communication, meteorology, railway, oil field, construction, measurement, scientific research and teaching units, industrial and mining enterprises and other fields.

Monitoring terminal: Includes clamp monitor and SIM card.The monitor adopts GPRS communication to upload the test data or leakage events to the cloud server.Support GSM 4G network.

Cloud server: Includes cloud servers and system software. Manage the monitoring terminal.

Client terminal: Include mobile terminals and PC terminal.Mobile terminals support various platforms: Windows, Android, IOS, and Huawei Hongmeng OS system.Users can easily view real-time current monitoring data (current value, battery quantity, monitor number, etc.) through PC, mobile phone, PAD and other mobile terminals at any time to achieve remote real-time monitoring.

Product Feature

1. **Data statistics function:** The system makes statistics for the uploaded data, realizes two viewing modes of table and broken line chart, monitoring and displays the maximum current value and leakage times in real time, which is convenient, efficient and practical. Can be queried quickly by the time button in PC terminal. All the monitoring data within the time can be displayed in one of two ways: table or broken line chart.

2. **Quick function:** The installation location and brief address can be set according to the actual monitoring location or address. In case of electric leakage event, it can quickly locate and know the related electric leakage situation.In the monitoring list, can search the monitoring ID or brief address to query the monitoring data quickly.

3. **Alarm function:** Monitor leakage alarm: when the current value exceeds the alarm value, the system will have the corresponding prompt. Monitor battery level alarm: when the battery is low, there will be a corresponding prompt.

4. **Monitor manage function:** Manage the monitor efficiently through the account, change the brief address and installation location at any time, so that each monitoring can ensure the accurate location of leakage events. View the number of monitors bound to the account and automatically classify the monitor type and the maximum number of monitors.

5. **Monitor binding function:** To add and bind a monitor by the account. Also unbind and delete the monitor by the account. Max 200 monitors can be set for one account (customized).

6. **User manage function:** Users can create the demonstrate account, and view the information of the bound monitor, including monitoring data, to many people at the same time.

Monitor Specification

Monitor Model	EM8042	EM8072
Range	0.0mA~300A	0.0mA~600A
Measure Accuracy	±1.5%±5dgt	±1.5%±5dgt
Clamp Size	Φ40mm	Φ70mm