The EV Quick Charger Monitoring System is a device to monitor CHAdeMO quick chargers. It has been developed specifically for EV quick charger manufacturers.

Made in It has been developed specifically for EV quick charger manufacturers.

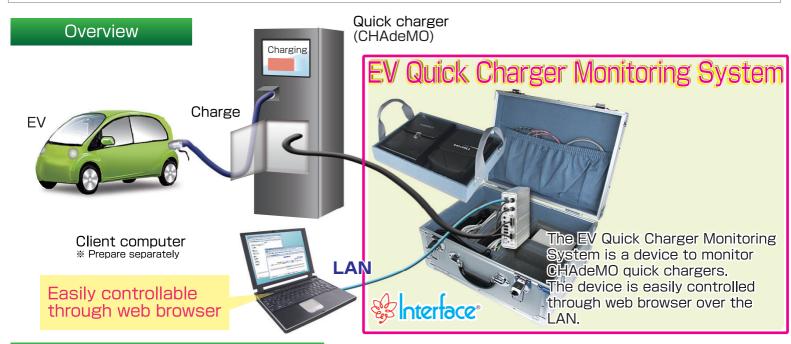


EV Quick Charger Monitoring System

What is CHAdeMO?

CHAdeMO is a standard for a quick charging method for electric vehicles delivering up to 62.5 kW of high-voltage direct current (DC) via a special electrical connector. It is proposed as a global industry standard by CHAdeMo Association.

The CHAdeMo method achieves quick charge in a short time without damage to the battery. The Electronic control unit (ECU) of electric vehicle (EV) specifies the optimal charging current depending on the battery conditions. And an external charger delivers DC to an EV in accordance with the commands from the ECU.



Easily Controllable Web Application

EV Quick Charger Monitoring System monitors the quick charger and EV through web browser by connecting with a cliant computer using LAN.

It monitors CAN messages, charging current value, and the status of control signals for up to 15 minutes consecutively. The monitoring data can be saved as a file.

The Web application is easy to operate, just select an analysis pattern and press a button.

How to operate

- (1) Select "Measurement" or "Data management" in the opening page.
- (2) Select an analysis pattern to start measuring.
 - Normal/vehicle
- Abnormal/charging/charger
- Normal/charger
- Abnormal/before charging/vehicle
- Abnormal/charging/vehicle Abnormal/before charging/charger
- (3) Measurement settings, start time, elapsed time, and number of measurement data are displayed on the screen during measuring. After completion of measurement, the analysis result is downloaded to your computer.
- (4) Measurement data are displayed in Data management page. Select data to analyze or delete.

Measurement Result

The result measured by EV Quick Charger Monitoring System is saved in CSV file. The measurement time, CAN receive data, analog-to-digital input data are included in the file.

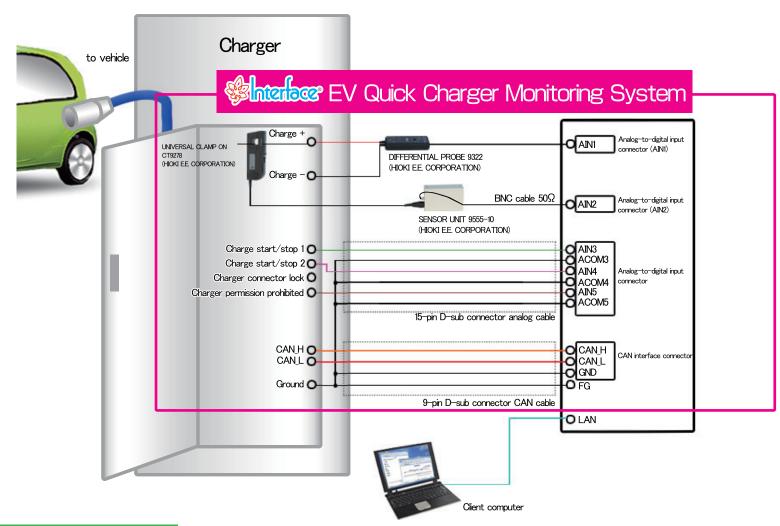
The measurement data and evaluation result in every test case are shown by reading the CSV file with Microsoft Excel.

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Example Connection



Components

The following components of the EV Quick Charger Monitoring System are stored in a hard attache case.

