

# Remote Electrical Resistance Measuring Instrument SRCM-301R

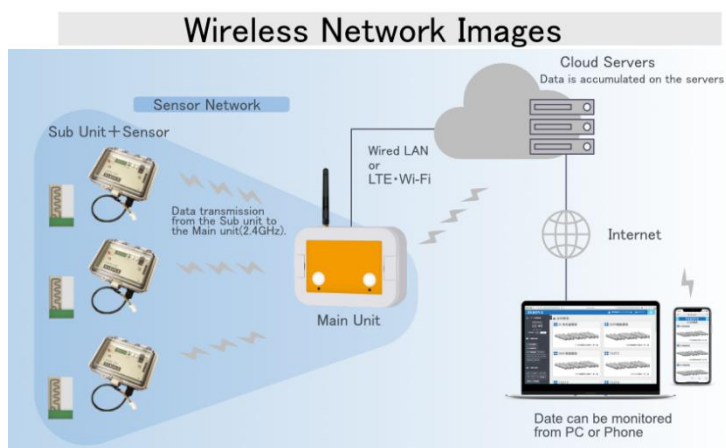
## Specifications

### 【Overview】

ER sensors can be monitored wirelessly and remotely.

Since the data can be viewed from the main unit via the cloud server, it is possible to grasp the output behavior in real time. Since it can be easily monitored by accessing from the web browser, no special software is required. One ER sensor can be connected to each sub remote unit.

### 【Structure/Appearance】



Since it is powered by built-in battery, an external power supply is not required, and it can be used to measure in a variety of environments. Since one-touch connectors are used to connect the sensor cable and logger, they can be easily connected. Because of its compatibility, it can be installed in narrow places.

The main remote unit can be power supplied by an AC adaptor if there is a power source. If not, a 12V sealed battery or a solar power system can be used for power supply.

The main body is waterproof and can be used outdoors. For better waterproofness, use an additional waterproof box (sold separately).

### 【Specifications】

Number of Measurement Channels	ER sensor:1
Main Unit Port	USB×4 LAN×1
Data Acquisition and Format	10 mins interval (Adjustment Possible) Text Format (can be read by spreadsheet software, etc.)
Date Storage	Cloud Server, Main Unit USB Memory, Industrial microSD Card(2GB~32GB)
Battery and Power Supply	Sub Unit : 2 AA lithium primary battery (3.6V/1.8Ah) Main Unit : DC9~12V
Battery Life	App.12 months (For Measuring Interval:10mins)
Size	Main Unit : 150mm(W)×40mm(D)×110mm(H) (Excluding Antenna) Sub Unit : 120mm(W)×100mm(D)×70mm(H) (Excluding Protrusion and Cable)
Weight	App. 0.35kg
Wireless Specifications	Communication with the main unit is up to 500m with 2.4Ghz line-of-sight
Number of sub-units connected	Up to 40 sub-units can be installed to one main unit ※ACM sub units can also be installed

## 【Equipment Set Sample】

SRCM-301R (main body)



Main Unit (Standard Type) ※1



Main Unit (Waterproof Type) ※1



AC Adaptor (100V)



LTE Modem



AA Lithium Primary  
Battery ※



ER Sensor



Web Camera



microSD Card ※



○Separated Purchase Required

microSD Card, Main Unit LTE Modem (no need to purchase if LAN, Wi-Fi are available), AA Lithium Primary Battery (2 per device)

※ It is recommended to purchase the specified products for compatibility with the equipment.

○Type of Sensor

ER sensor

※1 Please use the waterproof case when it is used outdoors.

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