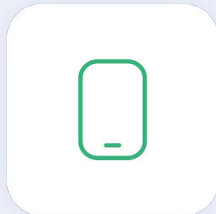


Product catalog

# The key to cutting cost and carbon



# Common to the entire Saveeye+ series



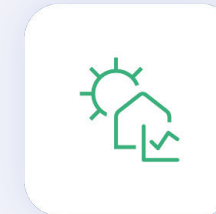
Follow live and identify consumption and production patterns.



Detailed information about phase voltages, phase loads, consumption and own production.



Optimize electricity consumption and use your solar cell production efficiently with Saveeye+



Make an active effort for both your finances and the environment by making informed decisions about your energy consumption.

# Saveeeye+ for Echelon

Follow your electricity consumption and your solar production in real-time with Saveeeye+

Saveeeye+ for Echelon is an advanced device that provides LIVE monitoring of electricity consumption and solar production. It is compatible with Echelon meters of type 83331 and 83332, making it a great solution for households both with and without solar panels.

## Technical information

Compatibility:	Echelon meters of type 83331 and 8333
Connection:	Powered via the meter's HAN/MEP port
Wifi:	Connects via Wifi 2.4 GHz.
Data:	Sends data every 5 seconds.
Encryption:	Requires encryption key from your utility company.





# Saveeye+ for P1

Follow your electricity consumption and your solar production in real-time with Saveeye+

With Saveeye + for P1, you can get real-time monitoring of the difference between electricity consumption and solar production in one solution. With this precise measurement, you can identify consumption and production patterns, adjust your electricity usage, and make decisions that can both save money and reduce your CO2 footprint.

## Technical information

Compatibility:	All meters with RJ12 or RJ45 port.
Connection:	Powered via the P1 port.
Wifi:	Connects via WiFi 2.4 GHz.
Data:	Sends data down to every second.
Port encryption:	Requires the utility company to open the P1 port.



# Saveeeye+ for IR

Follow your electricity consumption and your solar production in real-time with Saveeeye+

Some types of meters do not have space for a plug-in card, and therefore, we have developed an IR solution that reads real-time data via the meter's infrared port. (It's exactly the same detailed data that one could retrieve via a plug-in port.)

## Technical information

Compatibility:	Echelon/NES 83334 Gen 4 meters
Connection:	FoPowered via 230 Volt outlet. Near the meter.
Wifi:	Connects via WiFi 2.4 GHz.
Data:	Sends data down to every second. (Depends on meter type and utility company.)
Port encryption:	Requires encryption key from utility company.



# Saveeye Base

Saveeye Base is useful for reading meters that only expose data through a pulsing LED output. This is a common interface found on almost all electricity meters and submeters, except for the very old mechanical (rotating disc) meters. The Base unit is mounted on the meter's front using a double adhesive pad, so the optical sensor covers the blinking LED. The Base counts the number of pulses and takes into account the meter's specific pulses/kWh value to calculate the total power consumption (kilowatt-hours) since the Base was last connected. It also measures the time between individual pulses to calculate the real-time consumption (Watt) at any given time. Both values (kWh and Watt) are sent to the Saveeye cloud and (if configured by the user) also to a local MQTT broker at intervals of 1-10 seconds, depending on the configuration.

## Technical information

Compatibility:	All meters with pulse output (imp/kWh)
Connection:	Powered through 230 volt outlet. Near the meter.
Wifi:	Connects via WiFi 2.4 GHz
Data:	Sends data every second.
Encryption:	Does not require encryption key.





# Saveeeye Remote

Saveeeye Remote is an add-on to the Base solution and cannot be used alone. The Remote solution is useful where power supply to the Base is not available at the meter. For example, where the meter is installed on the outside of the building. In that case, the battery-powered Remote can be mounted on the meter, while the Base can be placed inside the house where there is Wi-Fi and power.

## Technical information

Compatible with:	All meters with pulse output (Imp/kwh)
Connection:	CR2032 coin cell battery
Wifi:	Sends data to the Base via BLE (to conserve power)
Data:	Remote sends data to the Base, which then sends data via WiFi to the cloud.
Battery life:	Approximately 6 months
Disadvantages::	<ul style="list-style-type: none"> <li>o Requires Saveeeye Base to relay data.</li> <li>o Cannot display details about phase load, etc.</li> <li>o The battery needs to be replaced every six months.</li> </ul>

