



THE REAL-TIME SOLUTION FOR EUROPE'S ELECTRICITY METERS

Elveta gives energy companies and energy platforms reliable real-time access to electricity-meter data, insights, and notifications.

Designed and developed by Picofrost in Sweden, the solution combines simple in-app onboarding, extensive meter compatibility, and excellent Wi-Fi performance helping partners deploy real-time services with less integration work and fewer support cases.



Onboarding in Your Own App

Users connect the dongle directly in your app using Bluetooth and the product QR code. No separate Elveta app or third-party account is required..



Designed for Your Brand

Customize the complete front, the position of the status LED, and the LED colors to create a fully branded solution for your customers.



Broad Meter Compatibility

Elveta is fully compliant with the standards for P1 (RJ12 connector), HAN (RJ45 connector), and Kamstrup OMNIPOWER® meters across Europe without requiring external power.



Reliable Wi-Fi - Even in Difficult Installations

The external antenna and optimized radio design provide reliable connectivity in meter cabinets and other challenging locations, reducing installation problems and support cases.

Two dongles. One integration.



ES32	ES3K
For all P1 and HAN meters	For Kamstrup OMNIPower®
RJ12 and RJ45 versions	Direct Kamstrup connection
External antenna	External antenna
Optional USB-C power	Buffered expansion port
Secure over-the-air updates	Secure over-the-air updates

Details

Ordering Codes	ES32-x-RJ12 (P1) ES32-x-RJ45 (HAN)	ES3K-x
Size (W x H x D)	41 × 66 × 21 mm excluding antenna	72 × 24 × 54 mm excluding antenna
Protocol	IEC 62056-21 and IEC 62056-7-5	IEC 62056-21 and IEC 62056-7-5
Data Input Level	5 V (P1) 24/36 V M-Bus (HAN)	4.15 V
Radio	Wi-Fi 2.4 GHz WPA2/WPA3	Wi-Fi 2.4 GHz WPA2/WPA3
Operating Environment	-40 °C to +70 °C Moisture protective coating	-40 °C to +70 °C Moisture protective coating
Input Power	5 V, max 250 mA (P1) 24/36 V, max 30 mA (HAN)	4.15 ±0.25 V, max 75 mA
Output Power	5 V, max 50 mA For meters requiring power in to operate.	-
Expansion Port	-	RJ12 Buffered signal from electricity meter to connect a second real-time dongle.
Power Connector	USB-C auxiliary power Only needed when the electricity meter cannot provide sufficient power.	USB-C auxiliary power Used only if customer wants to onboard indoors and not by the meter.
Package Contents	ES32 dongle and 60 cm RJ12 cable (P1) or 60 cm RJ45 cable (HAN)	ES3K dongle

Ready to evaluate or add real-time energy data to your offer

Contact us for integration documentation, product samples, and branding options.

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