

REDUXI CONVERTER P1-WIFI

Captures billing data from meters like Iskraemeco AM550 and wirelessly connects it to your WiFi network without external power supply.

REDUXI CONVERTER P1-RS485

Captures billing data from meters like Iskraemeco AM550 and converts the data to RS485 to connect it to Reduxi Controller without extra power.

REDUXI CONVERTER P1(M-BUS)-RS485

Designed for wired data capture from meters like Landis Gyr E350, E450, and similar models. Connects directly to the meter and integrates seamlessly with Reduxi Controller, with no extra power needed.



	P1 Wi-Fi	P1-RS485	P1(M-bus)-RS485
Housing	Compact plastic housing		
Dimensions	35.4 x 70.4 x 22 mm	35.4 x 70.4 x 22 mm	35.4 x 70.4 x 22 mm
Ingress Protection	<IP20	<IP20	<IP20
Weight	30g	30g	30g
POWER SUPPLY			
Power supply	Powered from SMR5 smart meter or external 5V DC power supply.		
Power consumption	< 1 Watt	< 1 Watt	< 1 Watt
PINS			
P1 Port	RJ12 (TTL)	/	/
HAN Port	/	/	RJ12 or RJ45 (M-Bus)
I1 Port	/	3-pin connector	2-pin connector (M-Bus)
Protocols	DSMR (IEC 62056-21), DLMS/COSEM	DSMR (IEC 62056-21), DLMS/COSEM	DLMS/COSEM
Measurements	Electricity import/export (depends on smart meter configuration)		
Data frequency	Up to every second (depends on smart meter configuration)		
CONNECTIVITY			
Wi-Fi	Wi-Fi 2.4 GHz b/g/n	/	/
RS485	/	RS485 (3-pin connector)	RS485 (3-pin connector)
OTHER			
Operating temperature range	From 0°C to +40°C	From 0°C to +40°C	From 0°C to +40°C
Storage temperature range	From -10°C to +70°C	From -10°C to +70°C	From -10°C to +70°C
Relative humidity during operation	< 95% (non-condensing)	< 95% (non-condensing)	< 95% (non-condensing)
Ingress Protection	< IP20	< IP20	< IP20

