

iDERMS RTU

AI POWERED
INTEGRATED DER MANAGEMENT SYSTEM



- ① High Security & Reliability
- ② Granular Data Acquisition
- ③ High Compatibility
- ④ Self Data Recovery & Protection
- ⑤ Remote Configuration
- ⑥ Automated Calibration
- ⑦ Edge Computing


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SPECIFICATIONS



GENERAL DESCRIPTION	Type	Energy Data Gateway (RTU)
	Gathering Target	Inverters, Meters, Sensors (Minimum Data Collection Interval : 1 sec.)
	Number of Devices	~40
	Transmission Interval	1~15 mins.
	Communication	Wire / Wireless Connectivity
	Dimension	150 x 110 x 39 (mm)
ELECTRICAL SPECIFICATIONS	Power Supply	DC 5V
	Operation Temperature	0°C ~ 50°C (Recommended)
	Power Consumption	~3W
COMMUNICATION	Connectivity	<ul style="list-style-type: none"> • Front-haul : Serial, Ethernet • Back-haul: <ul style="list-style-type: none"> • Wi-Fi : 2.4GHz/5GHz IEEE 802.11b/g/n/ac • Ethernet : RJ45 (~1Gbps) • LTE (Optional) : Cat.4
	Port Interface	<ul style="list-style-type: none"> • Serial : RS485 x3 • Ethernet : RJ45 x1 • Wi-Fi / LTE (Optional) : Intenna / Antenna
	Protocol	Modbus RTU/TCP, HTTP(S), MQTT, DLMS/COSEM, SNMP, proprietary inverter protocols
MAIN FEATURES	Interaction	LED
	Data Backup	1 month
	Firmware Upgrade	FOTA / USB
	Data Security	SSL, PKI, HSM
	Warranty	1 year
CERTIFICATION	KC	R-R-EdT-SGWBWB 

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