

CAL-II03

Smart Data Concentrator Unit

The CAL-II03 is dedicated to smart metering application and designed as a gateway between metering devices and AMR/AMI system. The CAL-II03 creates two ways communication from metering points to AMR/AMI system, performs task setting, data collection/transmission/storage, meter management, GPRS information task execution and RF network management.

Main Features

- Data collection
- DLMS/COSEM
- RS485/RF-LORA
- BS mounting for installation
- Tamper detection and record
- GPRS/3G/4G/DSL with AMR/AMI system
- Meter parameter/ status/ Real-time data reading



PARAMETERS

Working Voltage	160V-300V
Frequency	45-65Hz
Working Temperature	-40°C-+80°C
Humidity Requirement	95%
Display	LED
Built-in Infrared Port	IEC62056-21
Communication Module	GPRS/RF-LORA
RS485 Port	115200bps
Ethernet Port	TCP Protocol
Communication Protocols	DLMS/COSEM
Weight	0.8KG
Protection Class	IP54
Dimension	160x112x58mm
Non-volatile Memory Capacity	128/256MB NANDFLASH

