

MICROSTAR

EDAT-MkII

Energy Data Acquisition Terminals

Cost Effective AMR Integration Endpoint



FEATURES

- Collects and aggregates data from up-to 254 meters
- Integrated industrial and residential meters into AMR/AMI network
- 4G/3G/2G(GPRS), Wi-Fi, or Ethernet for up-link communication
- RS485, RF for local communication with meter
- Optical, BLE for local communication with MCS. BLE is optional.
- Scheduled or on-demand data acquisition with configurable channels
- Upload data to AMI system automatically
- Supports DLMS, MODBUS, EDM1 CmdLine protocol
- Compatible with third-party meters with open protocol
- Short message service (SMS) configuration in real-time

TECHNICAL SPECIFICATIONS

External Dimensions	180mm x 163mm x 64mm
Operation Voltage	85 - 265 VAC, 50/60 Hz
Power Supply	Three Phase or Single Phase
Power Consumption	≤ 5W
Operation Temperature	-25°C to +70°C
Memory Storage	4 MBytes to 16 MBytes
Meter Capacity	Up-to 254 devices, 1-phase or 3-phase meters, or pulse adaptor
Input & Output	5V output
Communication Channel	
to AMR server	GPRS/3G/4G, Wi-Fi, or Ethernet
to Meters	RS485, RF
to local computer (MCS)	Optical port, BLE (optional)

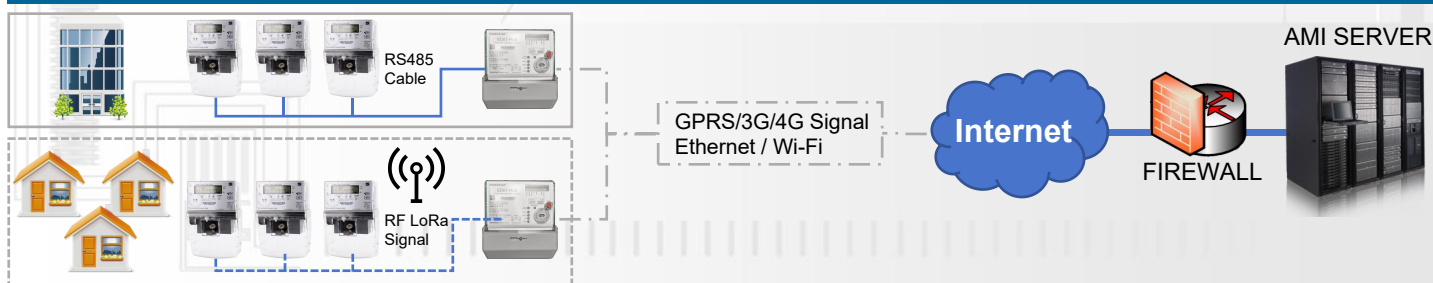
APPLICATION

- Provide AMR solution for residential or commercial meters in batch
- Integrate existing non-smart meters to AMI systems
- Support third-party meters from different vendors

BENEFITS

- Reduce communication cost for multiple adjacent meters
- Convert different protocols into one to reduce system complexity
- Large storage capacity to avoid data loss due to power outage
- Compact design with superior strength and easy to install
- Sealing provision and anti-tamper input signals for device security
- 4xRJ-45 sockets for multiple plug-and-play meter connections

SAMPLE APPLICATION



Disclaimer: The content is subject to change without notice. Specifications / functions may not be applicable for ordered SKU.

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