

## RTU 7M



Has a compact construction
Has a 1 ms sensivity
Has an expandable input and output structure
Measurement can be made by adding current and voltage cards. It can also work as a protection relay with EP cards.
Has a built-in modem. (Optional)
Has IEC 61850, IEC 60870-5-101, IEC 60870-5-103, IEC 60870-5-104, DNP3, MODBUS TCP/RTU, DLMS, OPC UA, SNMP communication protocols
Has NTP, SSH, SCEP, SQL data storage features.
Has a large memory. It can communicate with more than 50 IEDs.
Any number of SERIAL and ETH ports can be added by adding communication cards.
With the Battery-Back Up feature, an external battery can charge a 12 V or 24 V battery.
Has 24 V / 110 V Supply and Inputs.
Has case structures with 2,3,5,8,10 and 16 slots.
There is a temperature sensor.
Parameterization can be made via the RTU center software or via the WEB interface.

## ELSETA MINI RTU AND MODULS

### Features (Özellikler)

### Communication Protocols (Haberleşme Protokolleri )



#### Özellikler

- ✓ 1xRS485/232; 1xRS485; 2xEthernet
- ✓ 1 x Digital Input
- ✓ WIFI, 2G/3G/4G(LTE) integrated communication
- ✓ 2 SIM card modem
- ✓ PLC logic
- ✓ Internal memory: SD card
- ✓ RTC clock and NTP server/client
- ✓ Hardware Watchdog
- ✓ Alarm management
- ✓ User management
- ✓ Cyber security according to industry standards
- ✓ Syslog event to remote server
- ✓ SOE event management
- ✓ Web-based configuration
- ✓ Detailed information on connected devices
- ✓ Network traffic monitoring and filtering
- ✓ Plug'n'Play configuration for I/O modules
- ✓ Remote Authentication Dial-In User Service (RADIUS)
- ✓ Modüller (16'lı DI Modülü , 8 DI-8DO Modülü, 8 'li 4-20mA analog input Modülü )

#### Haberleşme Protokolleri

- ✓ Modbus master / slave (RTU / ASCII / TCP)
- ✓ M-bus master (Serial/TCP)
- ✓ IEC 60870-5-101 master/slave
- ✓ IEC 60870-5-103 master
- ✓ IEC 60870-5-104 master/slave
- ✓ DNP3 master/slave
- ✓ IEC 61850
- ✓ DLMS
- ✓ Transparent tunnel from TCP to Serial
- ✓ MQTT or Restful API as optional