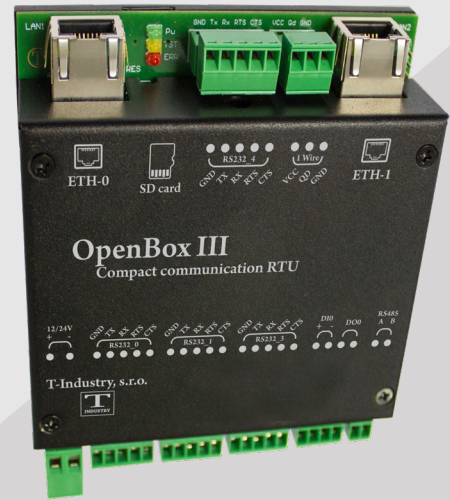


RTU OpenBox III

- Powerful 32-bit CPU with ARM Cortex-A7 architecture
- Integrated web management
- Integrated framework for data collection (OpenDAF)
- Software extensions according to customer requirements
- Compact design with DIN rail mounting
- Good price/performance ratio
- Radio module (optional)



Description

OpenBox 3 is a compact communication RTU. It enables communication with multiple slave and master stations using standard telemetry and automation protocols.

The software is built on the Linux operating system. It has an open architecture and allows adding functionality by adding new software modules.

Configuration and diagnostics of the RTU takes place via the built-in web interface.

The RTU is in an industrial design, with an industrial range of working temperatures, a metal body and mounting on a DIN rail.

Software

Operating system	Embedded Linux 4.14
Data collection and archiving system	OpenDAF
Communication protocols	<ul style="list-style-type: none"> - IEC-60870-5-101 - IEC-60870-5-104 - TG800 - Modbus/RTU - Modbus/TCP - OPC - SuiteLink - QERP4 - Simatic 57 - SWTN - PTNET - TINYMESH - SNMP - SQL - MQTT
Programming	<ul style="list-style-type: none"> - Javascript - C - C++
Configuration	<ul style="list-style-type: none"> - Webové rozhranie - Offline databáza

Specification

Processor	ARM Cortex-A7, 528 MHz
RAM	512 MB
Storage	512 MB
Communication interface	2x ethernet 100 MBit/s 4x RS232 1x RS485 1x OneWire 1x optinput 1x relay output 30VDC/1A 125VAC/0.3A 1X GSM modem (optional)
Mount	DIN rail
Temperature range	-20 to +60 °C
Power supply voltage	12 - 24 VDC
Power consumption	3 W
IP rating	IP20
Dimensions	110 x 100 x 40 mm

TYPICAL APPLICATIONS

- 🔗 Electric distribution network
- 🔗 Natural gas distribution network
- 🔗 Telemetry/remote control
- 🔗 Automation
- 🔗 Lighting control
- 🔗 Power plant operation

