

Router WE826-T2



A modern solution from the C Nets company for automating remote data collection from electricity, heat, gas, fuel, and water meters.

The WE826-T2 router is a compact device that connects to external WAN networks using one or more connections: LTE (or HSPA+, EDGE, GPRS), a wired connection via Ethernet 100 Mbit / s, or Wi - Fi 2 , 4 GHz. It has a built-in power supply from the 2 2 0 V AC network.

It is possible to connect electric meters to the WE826-T2 router via the physical RS-485 interface (up to 31 units) or via the RS-232 interface (at the customer's request). It is possible to connect to the same RS-485 interface of the router counters of different manufacturers, with different settings of the asynchronous interface.

The router is built on the linux OS , so it has wide possibilities for using various utilities and has the ability to program specific functions for the implementation of complex projects at the customer.

The router is configured using any device from a browser (smartphone, tablet, laptop, etc.) through a secure Wi-Fi interface. No cable or specific software is required for setup.

The router has an external or internal antenna for the LTE network (at the request of the customer).

The router is certified in Ukraine.

LTE:B1/B3/B5/B7/B8/B20 TDD LTE:B38/B40/B41 UMTS:B1/B5/B8 GSM :850/900/1800/1900MHz	So
Wi-Fi	2.4GHz
Interfaces	1 port 10/100M WAN (RJ45)
RS - 485/232	So
Built-in power supply	110-280 V, at the request of the customer there may be other input voltage ranges
Working temperature	-20°C ~ 55°C
Size, mm	110*65*60
OS	Linux

The WE826-T2 router has a convenient Web interface that can be changed at the request of the customer.

CNets [Огляд](#) [RS-485](#) [Мережа](#) [Пароль](#) [Рез. копіювання / Перепрош.](#) [Перезавантаження](#)

Налаштування для роботи з мобільною мережею

Застосувати корпоративні налаштування ☐

Налаштування WAN порта
Протокол

DHCP client

Перевірка з'єднання з мережею
IP

8.8.8.8

IP адреса для перевірки

Час перевірки

600

Перезавантажити роутер, якщо IP не відповідає протягом вказаного часу, секунди

Налаштування для мережевих утиліт
IP адреса для перевірки утилітою 'ping'

8.8.8.8

IP адреса для перевірки утилітою 'tracert'

8.8.8.8

Ім'я хоста для перевірки DNS

3mob.ua

Налаштування Wi-Fi
Параметри точки доступу
Увімкнуті ☒
SSID

ACTOE

Пароль

Зберегти і застосувати

Зберегти

Скинути

When configuring the WE826-T2 router via the Web interface, the network tab specifies the parameters for connecting to the LTE mobile network. It is possible to connect to the Internet network of a mobile operator with standard settings, in this case, there is no need to specify anything additionally in the parameters, since the router will independently select the necessary connection profile, according to the installed SIM card of one or another operator. Or it is possible to specify individual connection parameters when using the customer's corporate APN.

In the case of connection including or only via Ethernet , the type of connection is indicated - automatic configuration via DHCP , or static setting of the IP address setting , WAN port and gateway.

Additionally, network connection check, utilities for ping , traceroute , dns and Wi - Fi settings are configured .

RS -485 or RS -232 asynchronous interface to connect counters. Depends on the customer's wishes. In the case of using RS -485, it is possible to connect many counters to one router interface of different manufacturers with different RS -485 settings.

Профілі трансляції даних з TCP в RS-485

Активні профілі

TCP порт	Швидкість	Біти даних	Парність	Стоп-біти		
5001	9600	7	even	1	Редагувати	Видалити
5002	9600	8	none	1	Редагувати	Видалити

Додати профіль...

Зберегти і застосувати Зберегти Скинути

The figure above shows the creation of two profiles for connecting electricity meters from two different manufacturers. The first ones use the 9600 7e1 mode , and the others use the 9600 8n 1 mode . When connected to the TSR port 5001, the first counters will correspond, and the second counters will correspond to 5002. You can create 10 profiles units with completely different RS -485 ports and parameters.

Also in the WE826-T2 router it is possible to view connection statistics, change the password for access to the router's Web interface, copy settings, change software, reboot .