

CODE: **INTRW** v.1.0/II
 TYPE: **Interface RS485-WIFI**

EN*



Features:

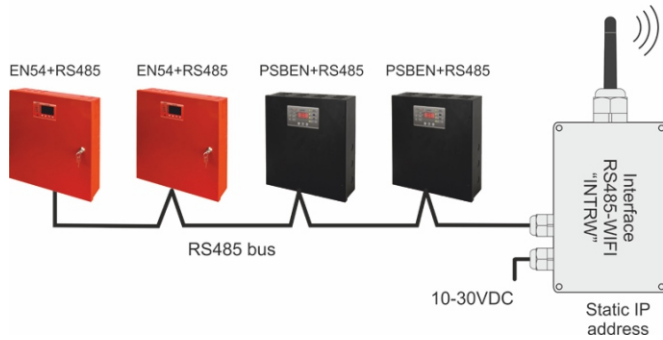
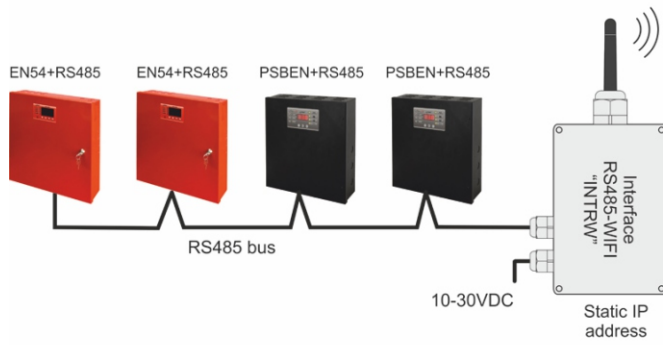
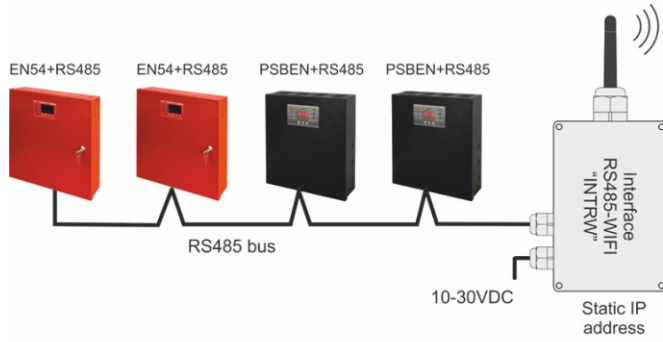
- operating in the Wi-Fi network
- compliant with the IEEE 802. 11b standard
- operation mode: full or half-duplex (auto-sensing)
- embedded web server for configuration
- data encryption: WEP, WPA, WPA2
- operates with numerous popular protocols, e.g. TCP, UDP, DHCP
- assigning a static or dynamic IP address (DHCP server)
- operates in modes: virtual serial port, TCP outlet
- power supply 10 ÷ 30V DC
- works with the PowerSecurity programming software
- LED indication
- hermetic enclosure IP65
- warranty - 5 years from the date of production

DESCRIPTION

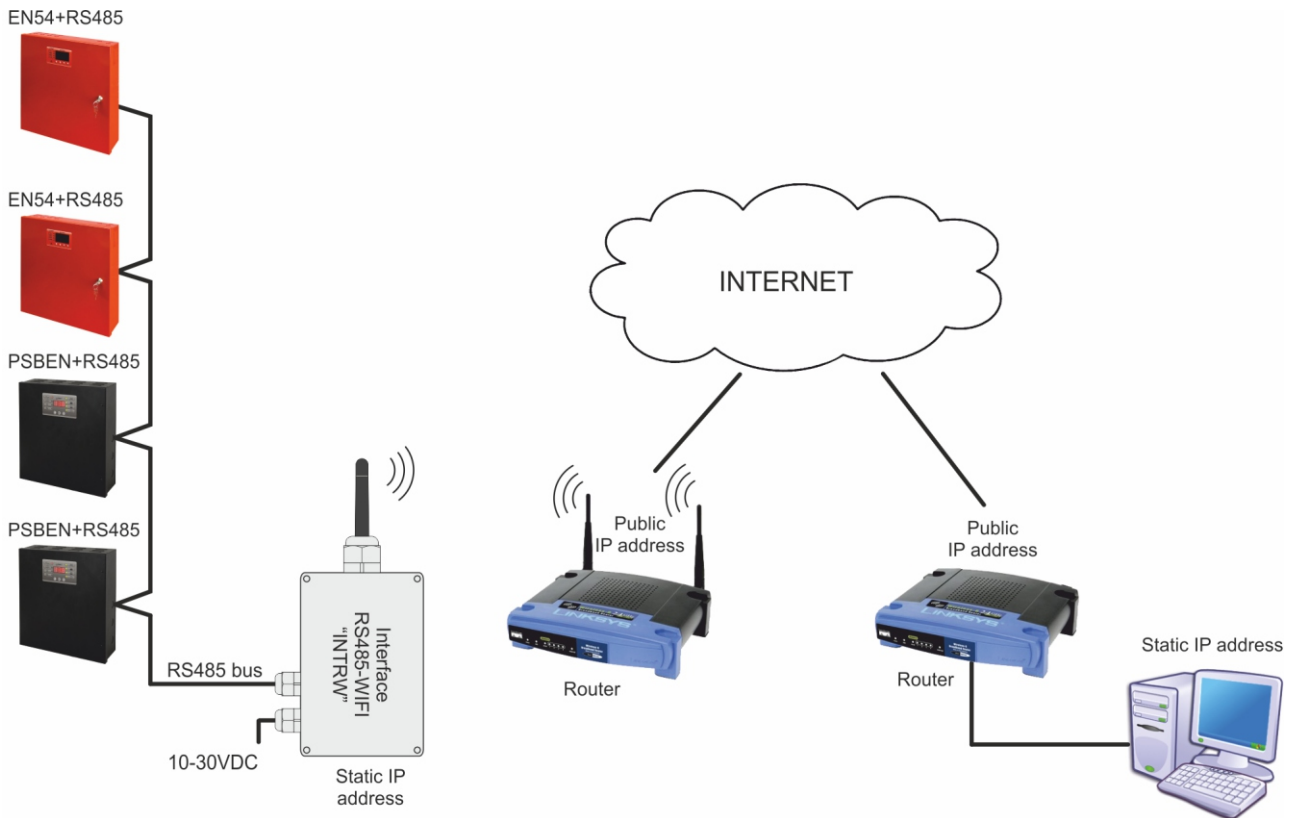
The RS485-WiFi interface is a device intended for converting signals between the RS485 bus and the Wi-Fi network and dedicated for working with power supply units of the PSBEN or EN54 group connected to WLAN/WAN network. To work correctly, the device requires external power supply within the range of 10 ÷ 30V DC e.g. drawn from a PSU of the PSBEN or EN54 series. The device is mounted in a hermetic enclosure that protects it against adverse environmental conditions.

Power supply	10 ÷ 30V DC
Current consumption	130 ÷ 50mA
TTL transmission's speed	max 115200 bauds, with parity control
Wi-Fi transmission's speed	max 11Mbps
Indication (LEDs)	Tx, Rx, PWR
Operating conditions	temperature -10 °C ÷ 40 °C relative humidity 20%...90% without condensation
Dimensions (LxWxH)	121(+72 antenna) x 81 x 60 [mm]
Net/gross weight	0,28kg / 0,39kg
Protection grade	IP65
Storage temperature	-20°C...+60°C
Declarations, warranty	CE, RoHS, 5 years from the production date

A block diagram of communication in WLAN.



A block diagram of communication in WAN.



Block diagram of communication Schemat in the serial bridge mode.

