
IntegraBus ATW990 Router Pro



User Manual Rev. 01

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1. Product Overview

IntegraBus WiFi devices provide high quality Internet access (WLAN) in public transport vehicles. The devices are specially designed for use in public transport.

Main features:

- Industrial electronic and mechanical components
- Dual 4G (LTE) Network
- Provide access for up to 50 users
- The unique, Fair Bandwidth technology, helps to avoid downloading bigger amount on data from the same address (i.e. streaming music or movie), but supports preferring the normal browsing (looking websites, mailing functions)
- Multi SIM support and automatic APN identification

2. Default configuration

The WiFi router device is shipped with the following factory default network settings:

SSID: IntegraBus
Password: no password

Upon request the devices can be shipped with special configuration settings.

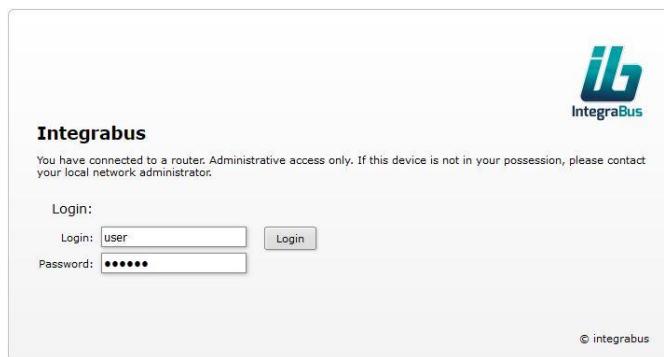
3. Configuration interface

The basic WLAN parameters can be set by the integrated web configuration interface of the device. Router Pro has two management interfaces, they are labelled with "A" and "B" letters.

Follow the next steps to enter configuration surface:

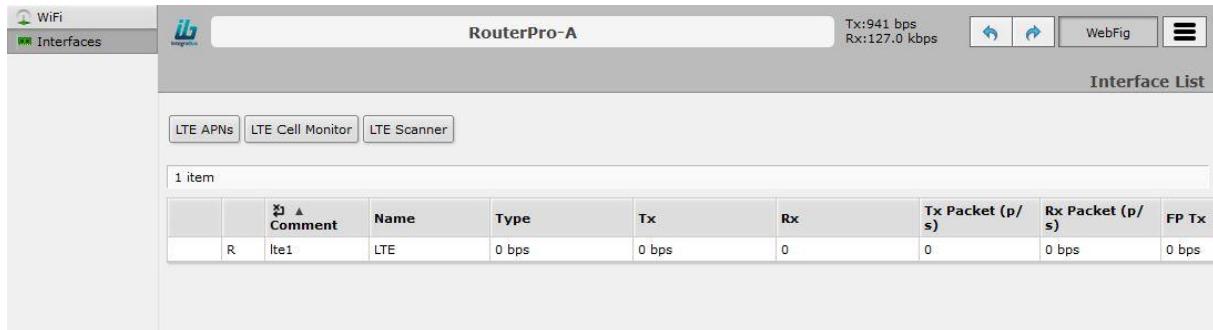
1. Power on WiFi router and wait until the WiFi network is available.
2. Connect to the WiFi network of the device to be set. Use the factory default or the last configured SSID/password settings.
3. On a computer or a smartphone start the web browser and go to config.integrabus.eu page or 10.10.11.254 IP address.

Then go to config2.integrabus.eu page or 10.10.11.253 IP address as well.



Login: **user**
Password: Password is the last 6-digit of its serial number

4. If the entered login and password is correct the device enters to the configuration page:



	Comment	Name	Type	Tx	Rx	Tx Packet (p/s)	Rx Packet (p/s)	FP Tx
R	lte1	LTE	0 bps	0 bps	0	0	0 bps	0 bps

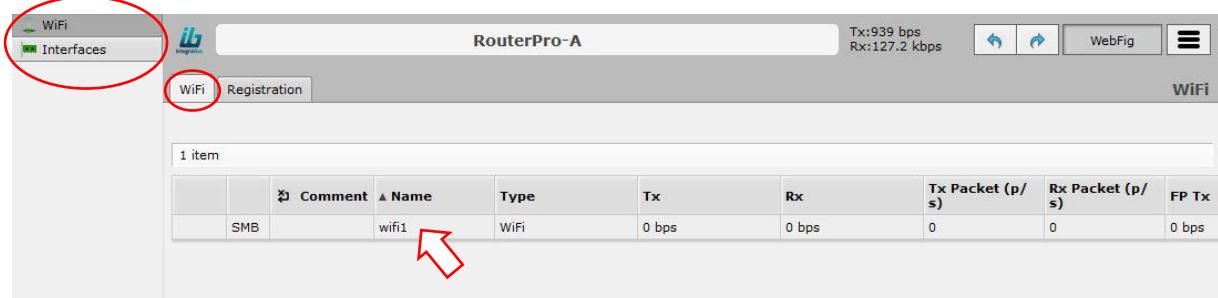
4. Setting new SSID

After SSID/PASSWORD reconfiguration the connection will be lost and your computer or mobile device needs to be reconnected! Please keep your Password safe! Once you can't reconnect, try it via Ethernet connection and the same IP address as above!

1. Enter into the Configuration interface as it is described in point 3.
2. Select WiFi menu and WiFi submenu on top left corner of the page.

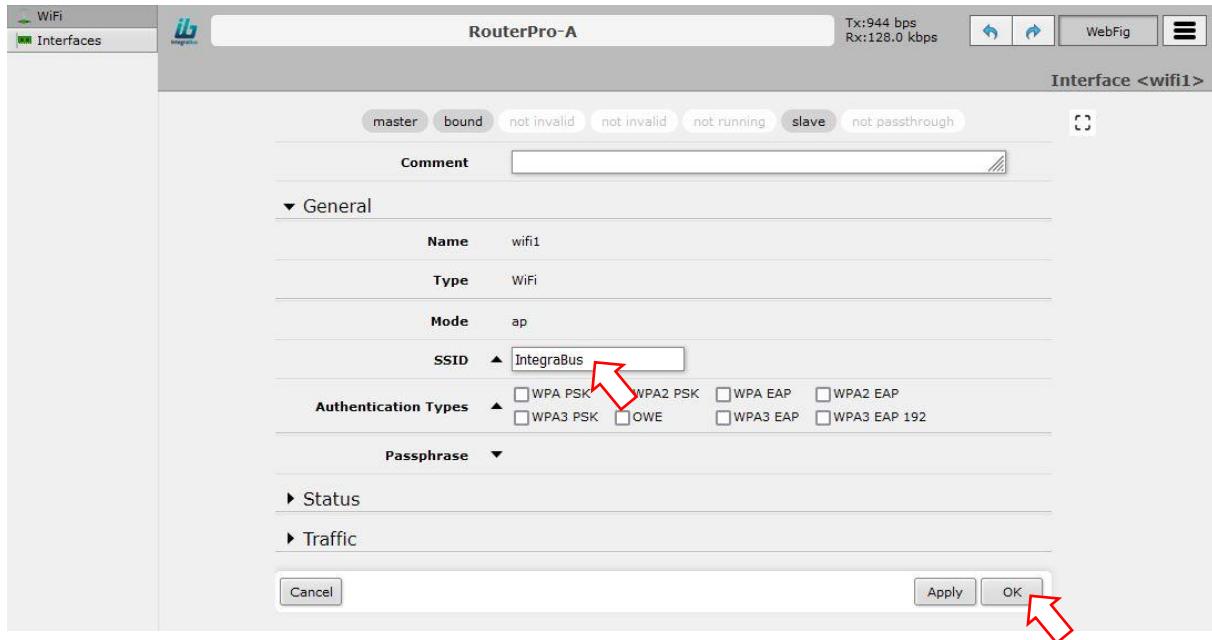
Please check the **WiFi** tab is active.

Click on **wifi1** interface line.



	Comment	Name	Type	Tx	Rx	Tx Packet (p/s)	Rx Packet (p/s)	FP Tx
SMB		wifi1	WiFi	0 bps	0 bps	0	0	0 bps

3. In SSID field enter the new SSID name you want to use, and click on **OK** button.

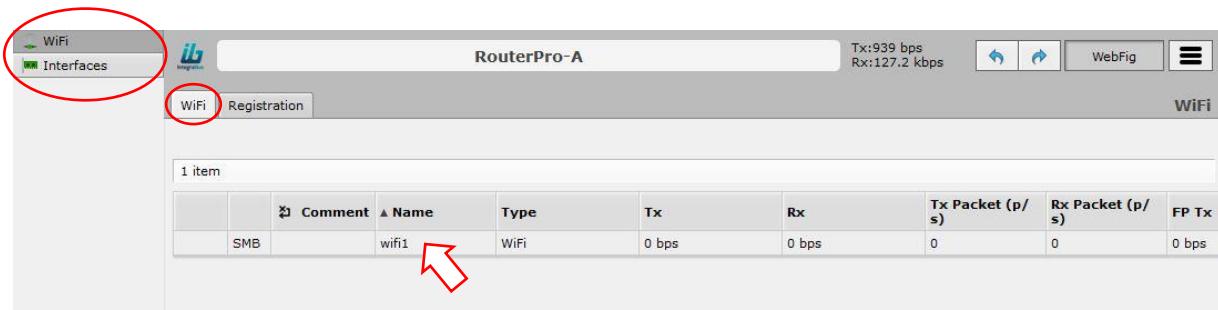


5. Setting new Password

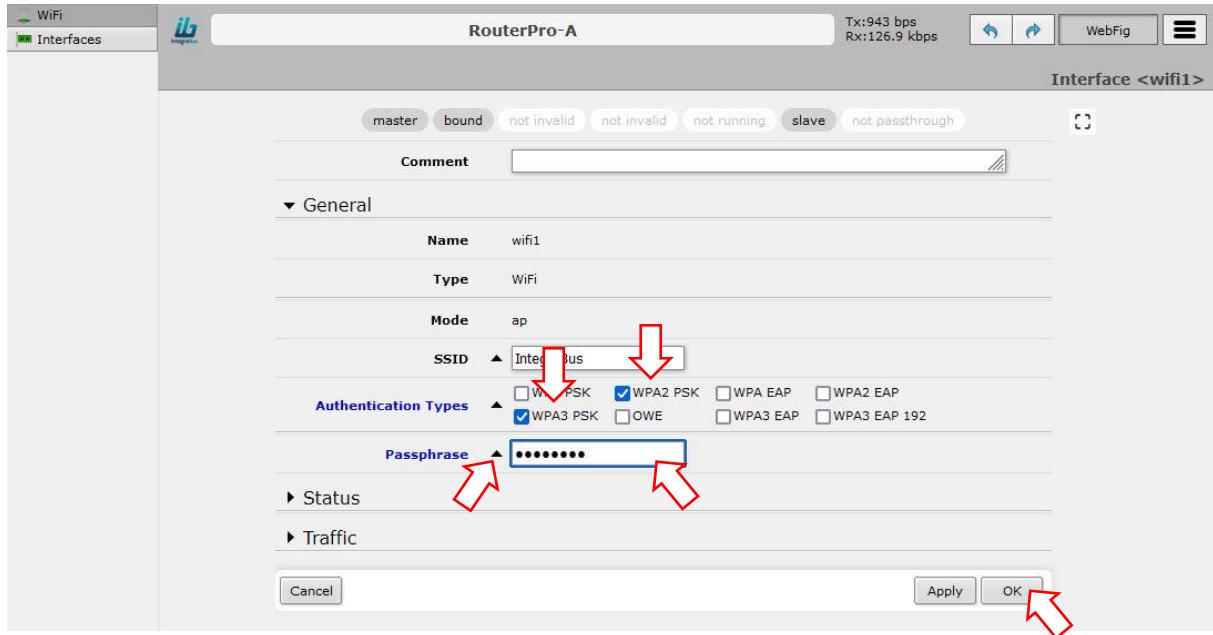
After SSID/PASSWORD reconfiguration the connection will be lost and your computer or mobile device needs to be reconnected! Please keep your Password safe! Once you can't reconnect, try it via Ethernet connection and the same IP address as above!

If you want password protected WiFi network you can set the password in the following way.

1. Enter into the Configuration interface as it is described in point 3.
2. Select WiFi menu and WiFi submenu on top left corner of the page.
Please check the WiFi tab is active.
Click on **wifi1** interface line.



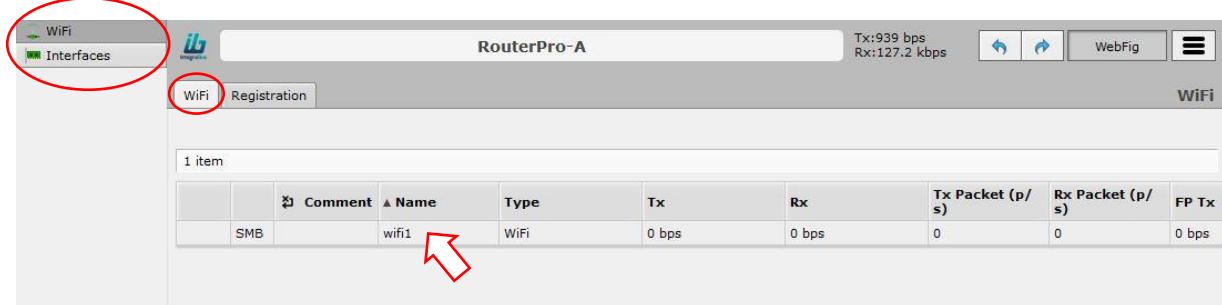
3. Tick on **WPA2 PSK** and **WPA3 PSK** Authentication Types, then click on the little triangle next to the Passphrase and enter the password in the field, and click on OK button.
Password must be 8-63 characters long!



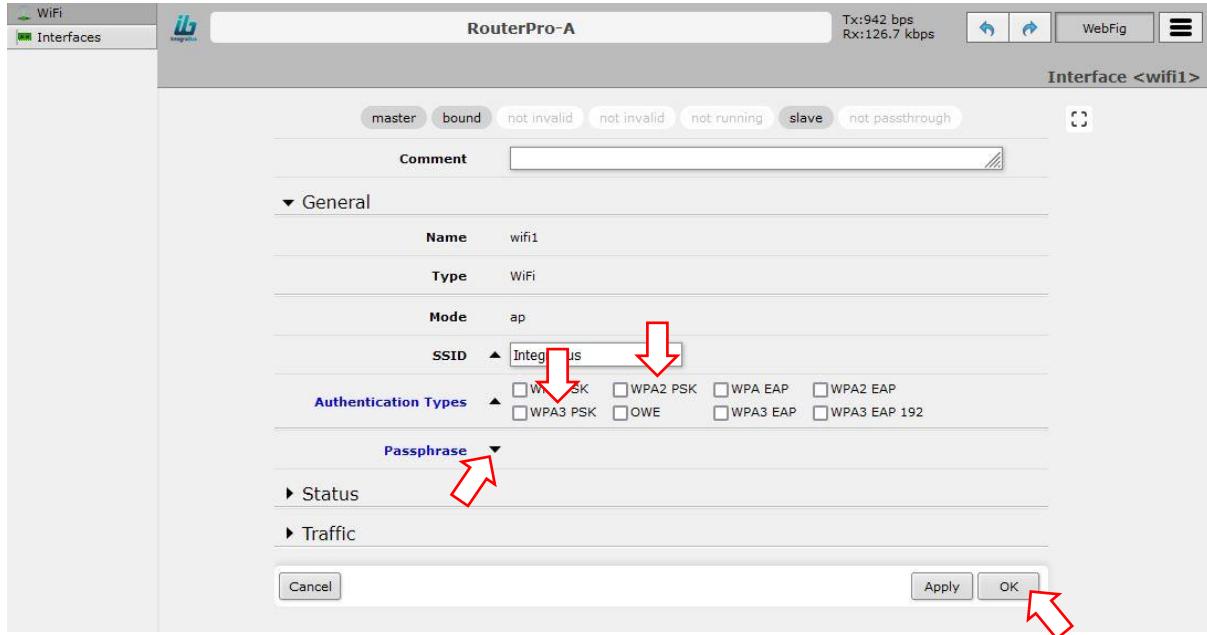
6. Setting free WiFi network

To set free wifi network you can disable the password in the following way.

1. Enter into the Configuration interface as it is described in point 3.
2. Go to WiFi menu and WiFi submenu on top left corner of the page.
Click on **wifi1** interface line.



3. Tick off **WPA2 PSK** and **WPA3 PSK** Authentication Types, then click on the little triangle next to the Passphrase, and click on OK button.

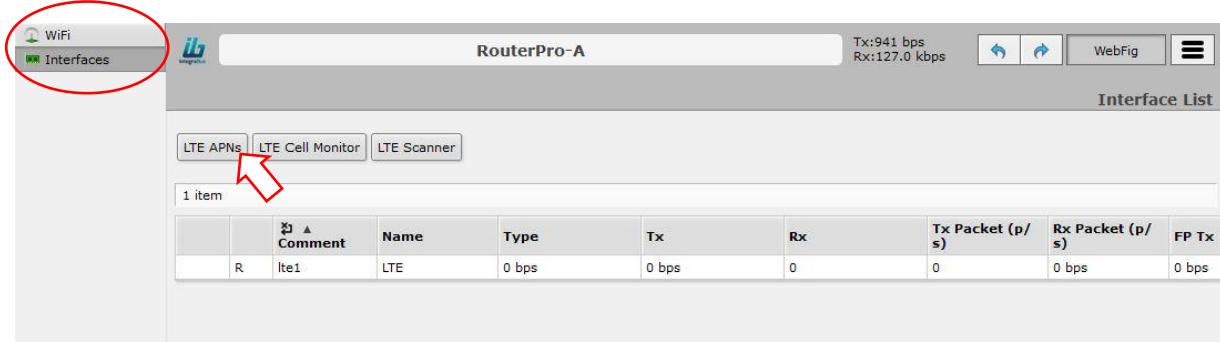


7. Setting APN

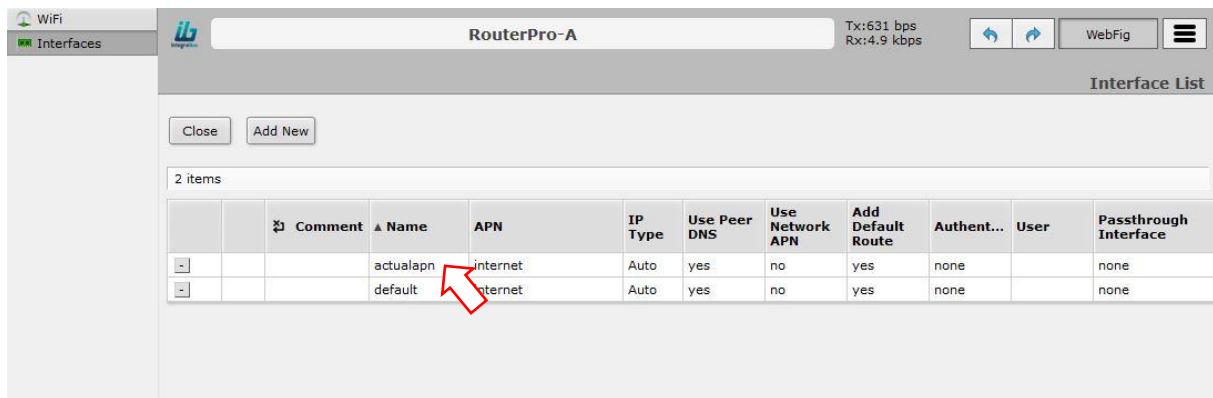
You need to set the APN only, if you can't establish any Internet access, and you are using a unique Service provider or service package. The common Services can be identified by our Auto APN. After a new APN is set, you will be reconnected to the internet.

To set special APN belonging your SIM card please follow the steps below.

1. Enter into the Configuration interface as it is described in point 3.
2. Select Interfaces Menu on top left corner of the page.
Click on **LTE APNs** button.



3. Click on **actualapn** line.

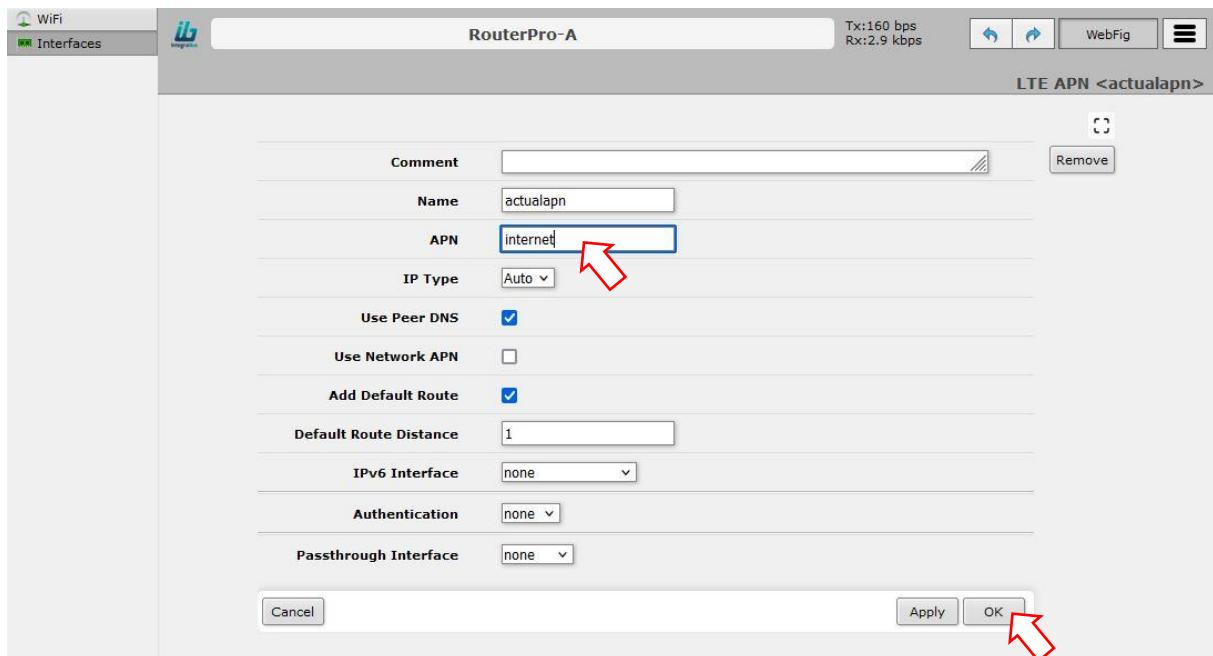


RouterPro-A

Interface List

	Comment	Name	APN	IP Type	Use Peer DNS	Use Network APN	Add Default Route	Authent...	User	Passthrough Interface
-		actualapn	internet	Auto	yes	no	yes	none		none
-		default	internet	Auto	yes	no	yes	none		none

4. Enter the new APN setting in the APN text field, and press OK button.



RouterPro-A

LTE APN <actualapn>

Comment	<input type="text"/>	Remove
Name	actualapn	
APN	internet	APN
IP Type	Auto	IP Type
Use Peer DNS	<input checked="" type="checkbox"/>	Use Peer DNS
Use Network APN	<input type="checkbox"/>	Use Network APN
Add Default Route	<input checked="" type="checkbox"/>	Add Default Route
Default Route Distance	<input type="text" value="1"/>	Default Route Distance
IPv6 Interface	none	IPv6 Interface
Authentication	none	Authentication
Passthrough Interface	none	Passthrough Interface

Cancel Apply OK

8. Document History

rev	History	Date	Author
R01	First release	2024.07.31.	epapp