

## Installation guide

### IWR 3000N

#### Wireless router

Congratulations, you have just purchased a product with Intelbras quality and security.

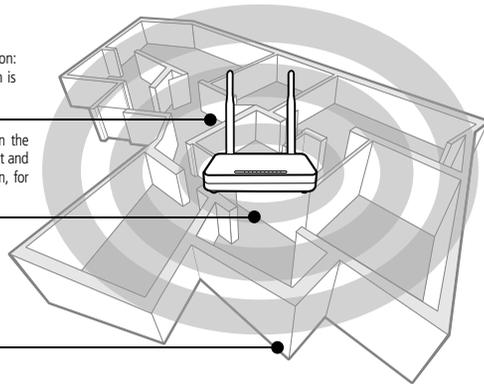
Wi-Fi router Intelbras IWR 3000N provides a complete solution for home networks. With it you can share internet access to multiple devices on a wireless network. Its installation and management can be done through the web interface, quickly and easily.

## 1. Care and safety

Adjust the antenna position: normally the vertical position is the most indicated.

Prefer to install your router in the central part of the environment and preferably in a higher location, for example on top of a furniture.

Avoid an excessive number of physical barriers between the transmitting and receiving devices on the Wi-Fi network.



Do not leave your router exposed to sunlight or heat sources.



Do not place the router in closed or tight places.



Do not leave your router near the microwave.

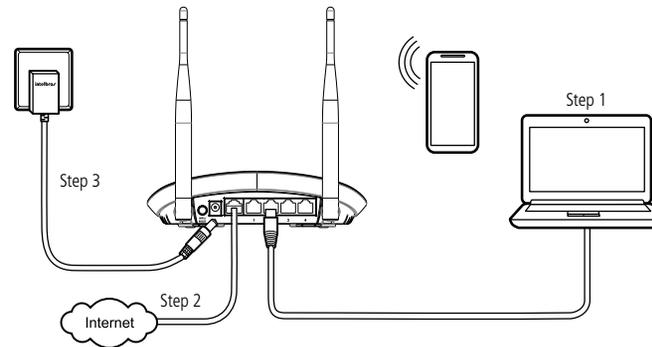


Do not leave your router near the wireless phone (analog).

## 2. Installation and configuration

Following, we will explain how to install and configure your product in Router mode. If, instead, you want to set it up as a signal repeater, see topic 2.3 *Set up watching our videos on Youtube*.

### 2.1. How to install your router



**Step 1:** connect the computer to one of the LAN (yellow) ports on the router using a network cable;

**Note:** if you wish to access your router via Wi-Fi, access the network named **INTELBRAS**.

**Step 2:** connect the network cable from the internet (for example, from your modem or other device) to the WAN port (blue) of the router.

**Step 3:** connect the power supply to the router and then plug it into the electrical outlet. The LEDs will light up.

### 2.2. How to configure your router

On your computer, open your web browser (we recommend using the most current versions of Google Chrome®, Mozilla Firefox® or Microsoft Edge®), and go to <http://meuintelbras.local>, as displayed in the following image. If the page does not open, access it through <http://10.0.0.1>. This procedure should be performed whenever you need to change any configuration of your router.



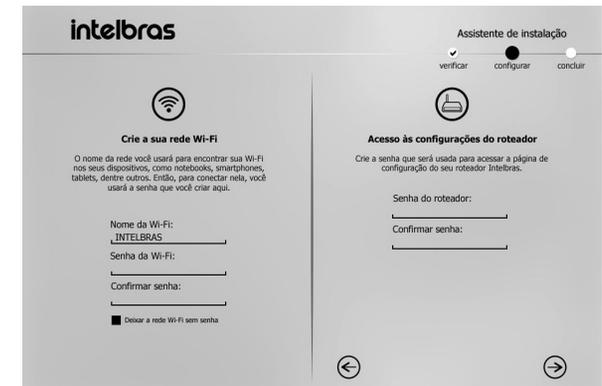
Welcome to the installation wizard! To configure your router, follow the instructions in the installation wizard by clicking **Start Wizard**.



After starting the installation wizard, your internet connection will be recognized automatically. Wait and follow the instructions.



To create your Wi-Fi network, the Wi-Fi password and the password to access your router's configuration page, fill in the fields shown on the screen.



Congratulations! Your router is already configured and ready to access the Internet.



### 2.3. Set up watching our videos on Youtube

If you want to have access to video tutorials containing different configurations and information of IWR 3000N and several other Intelbras products, visit our YouTube channel.

[youtube.com/intelbrasbr](https://www.youtube.com/intelbrasbr)



- » **Tutorial 1:** Set up to access internet - i3193
- » **Tutorial 2:** Set up Wi-Fi - i3194
- » **Tutorial 3:** Set up of *Wireless Repeater* mode - i3195
- » **Tutorial 4:** Set up of Port forwarding - i3197

Access our website through the QR Code and learn more about the product:



## 3. Frequently asked questions

What to do when I can't access the Internet?	Make sure your computer is correctly accessing the Internet via broadband service (ADSL/cable). Check that all cables are connected correctly. Turn the router and modem off and turn them on again. If the problem continues, contact our technical support for more details.
What do I do when I can't access the web wizard?	Check all physical connections. Your computer/laptop must be connected to the yellow port (LAN) of your router, or connected to your router's Wi-Fi network. Make sure that your computer is configured to obtain an IP address automatically from the network settings.
What can I do if I forget the wireless password?	<b>Option 1:</b> connect a device via cable to your router. Access the web interface and enter the Names and passwords menu to configure it again. <b>Option 2:</b> restore the router to factory's settings, pressing the <i>Reset</i> button for 20 seconds. Reconfigure the router through the installation wizard.
What can I do if I forget the password to access the web interface?	Restore the router to factory's settings by pressing the <i>Reset</i> button for 20 seconds. Reconfigure the router through the installation wizard.

## 4. Technical specifications

<b>Hardware</b>	
2 fixed antennas of 5 dBi	
4 LAN ports (100 Mbps each)	
1 Internet port (100 Mbps)	
<b>Wireless parameters</b>	
Standards	IEEE 802.11b/g/n
Radio mode	MiMo
Mode of operation	AP Router/Wireless Repeater
Frequency of operation	2.4 GHz
Bandwidth	20, 40 MHz
Transmission rate	Up to 300 Mbps
Channels of operation	1-13 (Brazil)
Maximum power (EIRP)	20 dBm
Security	WEP and WPA-WPA 2 /PSK
<b>Description of LEDs</b>	
@/WAN	<b>Green:</b> connected to the Internet (via cable or <i>Repeater</i> mode). <b>Red:</b> cable connected to WAN port, but no Internet connection. <b>Disconnected:</b> no cable on the WAN port and no internet connection. <b>Flashing green:</b> connected to the Internet and with data traffic in PPPoE mode.
(?) WPS	<b>Connected:</b> active wireless interface. <b>Disconnected:</b> wireless interface not active. <b>Flashing:</b> a wireless device is connecting to the router through the <i>WPS</i> function. This step can last up to 2 minutes. <b>LED flashes only once:</b> when a connection is detected on one of the 4 LAN ports.
<b>Power supply</b>	
Input	100-240 V to 50/60 Hz
Output	12 Vdc / 0,3 A
Maximum power consumption	3,6 W

**Attention:** this equipment operates on secondary character, i.e., is not entitled to protection from harmful interference, even from stations of the same type, and cannot cause interference to systems operating on a primary character.

## Warranty term

It is expressly stated that this contractual warranty is given subject to the following conditions:

Name of customer:  
Signature of the customer:  
Invoice no.:  
Date of purchase:  
Model: \_\_\_\_\_ Serial no.: \_\_\_\_\_  
Reseller: \_\_\_\_\_

1. All parts and components of the product are under warranty against possible manufacturing defects, which may present, for a period of 5 (five) years comprising 03 (three) months of legal warranty and 57 (fifty seven) months of contractual warranty – counted from the date of purchase of the product by the Consumer, as stated in the invoice of purchase of the product, which is part of this Term throughout the national territory. This contractual warranty includes the free exchange of parts and components that have a manufacturing defect, including the expenses with the labor used in this repair. If there is no manufacturing defect, but flaw(s) from improper use, the Consumer will bear these expenses.
2. The product installation must be done in accordance with the Product Manual and/or Installation Guide. If your product needs to be installed and configured by a qualified technician, look for a suitable and specialized professional, and the costs of these services are not included in the value of the product.
3. If you notice a defect, you should immediately contact the nearest Authorized Service listed by the manufacturer – only they are authorized to examine and remedy the defect during the warranty period provided herein. If this is not adhered to, this warranty will lose its validity, as it will be characterized as the violation of the product.
4. In the event that the Customer requests home care, the Customer should refer to the nearest Authorized Service for the technical visit fee. If the need for withdrawal of the product is found, the expenses arising, such as transportation and safety to and from the product, are under the responsibility of the Consumer.
5. The warranty will totally lose its validity in the event of any of the following: a) if the defect is not of manufacture, but caused by the Consumer or by third parties alien to the manufacturer; b) if the damage to the product comes from accidents, claims, agents of nature (lightning, floods, landslides, etc.), humidity, mains voltage (overvoltage caused by accidents or excessive mains fluctuations), installation/use in disagreement with the user manual or due to natural wear of parts, pieces and components; c) if the product has been influenced by chemical, electromagnetic, electrical or animal (insects, etc.); d) if the product's serial number has been tampered with or erased; e) if the device has been violated.
6. This warranty does not cover loss of data, so it is recommended, if the product is concerned, that the Consumer make a regular backup copy of the data contained in the product.
7. Intelbras is not responsible for the installation of this product and also for any attempts of fraud and/or sabotage on its products. Keep software and application updates, if any, up to date, as well as network protections necessary to protect against hackers. The equipment is under warranty against flaws within its normal conditions of use, and it is important to be aware that, since it is an electronic equipment, it is not free from frauds and scams that may interfere with its correct functioning.
8. After its useful life, the product must be delivered to an authorized technical assistance from Intelbras or directly to the environmentally appropriate final destination, avoiding environmental impacts and health. If you prefer, the battery, as well as other unused Intelbras electronics, can be disposed of at any Green Eletron collection point (electronic waste manager to which we are associated). In case of doubt about the reverse logistics process, please contact us by phone (48) 2106-0006 or 0800 704 2767 (Monday to Friday from 8 am to 8 pm and on Saturdays from 8 am to 6 pm) or through e-mail [suporte@intelbras.com.br](mailto:suporte@intelbras.com.br).

As these are the conditions of this Term of Additional Guarantee, Intelbras S/A reserves the right to change the general, technical and aesthetic characteristics of its products without prior notice.

All images in this manual are illustrative.

# intelbras



talk to us

**Customer Support:** (48) 2106 0006  
**Forum:** [forum.intelbras.com.br](http://forum.intelbras.com.br)  
**Support via chat:** [intelbras.com.br/suporte-tecnico](http://intelbras.com.br/suporte-tecnico)  
**Support via e-mail:** [suporte@intelbras.com.br](mailto:suporte@intelbras.com.br)  
**Customer Service:** 0800 7042767  
**Where to buy? Who installs it?** 0800 7245115

Produced by: Intelbras S/A – Indústria de Telecomunicação Eletrônica Brasileira  
Rodovia SC 281, km 4,5 – Sertão do Maruim – São José/SC – 88122-001  
CNPJ 82.901.000/0014-41 – [www.intelbras.com.br](http://www.intelbras.com.br)

01.20  
Made in Brazil