

intelbras

IVP 3000
CF Passive
Infrared
Sensor



intelbras IVP 3000 CF Passive Infrared Sensor User Manual

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intelbras IVP 3000 CF Passive Infrared Sensor



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

The IVP 3000 CF passive infrared sensor was developed by Intelbras with 100% digital technology. The IVP 3000 CF has integrated temperature sensor to offer the same detection sensitivity over a wide temperature range (from -10° to 50°) with reduced risk of false shots, protection against sabotage magnetic and SMD technology, and can be installed in any alarm panel available on the market.

Care and security

- Follow all instructions in the manual for assembling and installing the product.
- Use only indoors.
- Do not touch the surface of the infrared (PIR) sensor.
- The sensor must be installed where a possible intruder is easily detected, that is, where there are movements transverse to the sensor's detection beams.
- Do not place objects in front of the sensor. To ensure a detection area, avoid curtains, screens, or any object that blocks the scan. Do not exceed the sensor installation height (2.2m).
- Do not use the sensor next to devices that cause sudden changes in temperature (air conditioning, heaters, fans, refrigerators and ovens).
- Do not expose the sensor to direct sunlight.
- Confirm that the installation location is stable and that it is not subject to flickering.
- For your safety, test the product and systems at least once a week. This is necessary because changes in environmental conditions, electrical or electronic interruptions and violations. Take all precautions necessary for the safety and protection of your property.
- LGPD – General Law for the Protection of Personal Data: Intelbras does not access, transfer, capture, or perform any other type of treatment of personal data from this product.

Technical specifications

- Coverage Wide Angle 115o

- Reach 12 m
- Power supply 9 Vdc to 18 Vdc
- Consumption 5 mA at 12 Vdc
- Operating temperature – 10 °C to 50 °C
- Relay activation time 3 segundos

Features

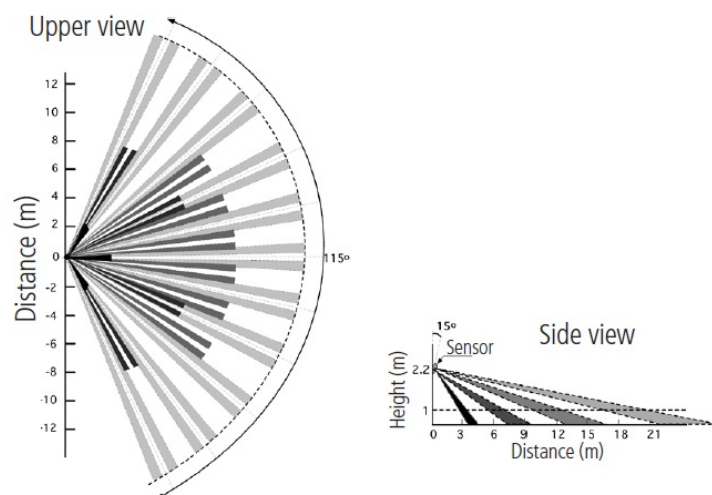
- Microprocessed digital detection technology
- 2 levels of sensitivity
- No articulator required for wall installation
- Passive infrared with double element
- Normally closed contact
- Motion detection activation
- Low consumption (5 mA only)

Installation

Open the front cover of the sensor (pressing the sides), make a hole in the back of the box for cable routing. Connect the power to terminal J1 (+12 V). Connect the zone wires to the terminal J2 (Alarm). The IVP 3000 CF does not need to be installed with an articulator, as it has a tilt angle of 15°. Its scanning angle is 115° and the range is up to 12 meters.

Important: the IVP 3000 CF is designed for indoor and closed areas, so do not use it for protecting outdoor areas or open areas.

Product



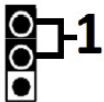
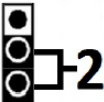

Configuration

After installation, put the cover on and connect the sensor to the power supply. The LED will flash for + – 35 to 40 seconds (stabilization time and self-test), when it goes out, the sensor will be in normal operation. Walk slowly in front of the sensor observing if the led lights up throughout the area that needs to be protected, if necessary readjustment the position of the sensor. If the alarm panel used is Intelbras, put it in the test mode, this way it will not be necessary to observe the led, as the control panel will indicate the functioning of the sensor through siren beeps. The JP1 jumper controls the detection sensitivity of the sensor. This one adjustment jumper has two selectable levels, with the jumper on the position 1 the sensor provides maximum sensitivity, with the jumper on

position 2 the sensor provides minimum sensitivity, that is, detection suitable for environments with a high incidence of EMI and RFI interference.

Factory default: Jumper in position 2.

Sensitivity adjustment table

Position	Condition
 -1	Maximum sensitivity
 -2	Minimum sensitivity
 Whitout jumper	Maximum sensitivity

Warranty term

It is established that this warranty is granted upon the following conditions:

- Client’s name:
 - Client’s signature:
 - Invoice number:
 - Date of purchase:
 - Model:
 - Serial number:
 - Retailer:
-
1. All the parts, pieces and components of the product are guaranteed against possible manufacturing defects, which may arise, for the term of 1 (one) year – this being 90 (ninety) days of legal guarantee and 9 (nine) months contractual warranty –, counting from the date of purchase of the product by the Consumer, as appears in the product purchase bill of sale, which is an integral part of this Term throughout the domestic territory. This contractual warranty includes the free exchange of parts, pieces and components which have a manufacturing defect, including the expenses with labor used in this repair. If there is no manufacturing defect, but defect(s) arising from misuse, the Consumer shall bear these expenses.
 2. The installation of the product shall be executed in accordance with the Product Manual and/or Installation Guide. If your product requires the installation and configuration by a qualified technician, seek a suitable specialized professional, the costs of these services not being included in the product amount.
 3. Having perceived the defect, the Consumer shall immediately contact the nearest Authorized Service which appears in the report offered by the manufacturer – they are the only ones authorized to examine and remedy the defect during the warranty term foreseen herein. If this is not respected, this warranty shall lose its validity, as it shall be characterized as product infringement.
 4. If the Consumer requests home service, it shall contact the nearest Authorized Service to inquire about the technical visit rate. If it is necessary to remove the product, the ensuing expenses, such as those of transportation and insurance of the taking and return of the product, shall be the Consumer’s responsibility.

5. The warranty shall lose its validity totally in the occurrence of any of the following cases: a) if the defect is not one of manufacture, but is caused by the Consumer or by third parties foreign to the manufacturer; b) if the damage to the product arises from accidents, disasters, agents of nature (lightning, floods, landslides, etc.), humidity, voltage in the electrical network (excess voltage caused by accidents or excessive fluctuations in the network), installation/use in disagreement with the user's manual or arising from natural wear of the parts, pieces and components; c) if the product has undergone effects of a chemical, electromagnetic, electrical or animal (insects, etc.) nature; d) if the serial number of the product has been falsified or erased; e) if the appliance has been infringed.
6. This warranty does not cover loss of data; therefore, it is advisable that if it is the case of the product, the Consumer makes a backup regularly of the data which appears in the product.
7. Intelbras is not responsible for the installation of this product, or for possible attempts at fraud and/or sabotage in its products. Maintain the updates of the software and applications used up-to-date, if it is the case, as well as the network protection required for defense against hackers. The equipment is guaranteed against defects in its usual conditions of use, it being important to bear in mind that, as it is electronic equipment, it is not free of fraud and scams which may interfere with its correct functioning.
8. Properly dispose of your product after its useful life – deliver it to collection points for electrical and electronic products, at an authorized Intelbras technical assistance center or consult our website www.intelbras.com.br and [support@intelbras.com.br](mailto:suporte@intelbras.com.br) or (48) 2106-0006 or 0800 7042767 for more information.
9. LGPD – General Law for the Protection of Personal Data: Intelbras does not access, transfer, capture, or perform any other type of treatment of personal data from this product. These being the conditions of this complementary Warranty Term, Intelbras S/A reserves the right to alter the general, technical and esthetic features of its products without prior notice. All the images of this manual are illustrative.

Customer Support: +55 (48) 2106 0006

Forum: forum.intelbras.com.br

Support via chat: chat.apps.intelbras.com.br

Support via e-mail: suporte@intelbras.com.br

Customer Service / Where to buy? / Who installs it?: 0800 7042767

Produced by: Intelbras S/A – Indústria de Telecomunicação Eletrônica Brasileira


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Documents / Resources

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References

- [Fórum Intelbras - Índice](#)

- [intelbras.com.br](https://www.intelbras.com.br)
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