

SAFETY INSTRUCTIONS



BEFORE INSTALLING OR USING THE PRODUCT, READ THESE INSTRUCTIONS CAREFULLY. PLEASE STRICTLY OBSERVE THE PRECAUTIONS IN USE.

To avoid any risk of fire, electric shock or injury, the product should be used and installed in compliance with the basic safety precautions, including :

- Always follow the installation instructions given in the documentation provided with the product.
- Do not connect or use this product during thunderstorms. Interference from the mains and/or telephone network can cause electric discharges in the product or electric shock.
- If the product is used for voice communication, acoustic shocks may occur in the earpiece of the product and excessive acoustic pressure can cause deafness.
- The product must be installed inside a building and its case must not be opened.
- Connect an Ethernet cable to an Ethernet port on the rear panel of the product and connect the other end to the Ethernet port of a computer.
- Connect only to in-house equipment (SELV interface).
- Connect a telephony cable to the telephony port on the rear panel of the product and connect the other end to the telephony port of a phone.
- Plastic bags present a risk of suffocation. Keep out of reach of children.
- The product was designed to be used in vertical position.
- If this product is to be mounted on a wall, use screws and dowels types and lengths adapted to the wall material. Recommended screw diameter is of 3.5 mm, recommended screw length is of 30 mm or more. Recommended dowel diameter is of 5 mm, recommended dowel length is of 30 mm.

CLIMATIC CONDITIONS

This product is designed for use in an office or in a room in a maximum ambient temperature of 40°C (104°F). It must not be installed anywhere where there is excessive sunshine and/or heat radiation.

It must not be installed where there is build-up of heat (e.g., on or under other electrical equipment) and must not be exposed to moisture or condensation. It must be installed in an environment classified as pollution degree 2 (pollution-free environment with dry, non-conducting pollution).

WATER AND MOISTURE

Do not install the product in a damp or dusty environment. Do not allow it to meet water or other liquids. No liquid must be allowed inside the product. Do not use the product near a water outlet, for example a bath, a washbasin, a washing machine, in a damp basement or near a swimming pool.

If a liquid or any other substance gets inside the product, switch it off immediately or unplug the power cord from the mains socket. If you continue using it, you may cause an electrical discharge, or a fire may even break out.

Moving the product from a cold environment to a warm one may cause condensation on some internal parts. Allow the product to dry before switching it back on.

CLEANING AND MAINTENANCE

Disconnect the product electrically from the wall socket and from the computer before cleaning it.

Do not use detergents or aerosols, or chemicals likely to damage plastic materials, or substances containing alcohol, benzene or diluent, or other flammable products. The use of these products may cause a fire.

To reduce the risk of electric shock, do not dismantle this product. None of the internal parts can be replaced by a non-professional and so there is no reason for opening it. Opening or removing covers may expose you to dangerous voltages. Incorrect re-assembly may cause electric shock on subsequent re-use of the product. If your product must be repaired or serviced, contact your customer service.

POWER SUPPLY

Only use the power unit and power accessories supplied. Connect them to the mains in accordance with the installation instructions in this booklet and with the indications on the identification label affixed to the power unit of the product (mains voltage, current, frequency).

Using power sources other than those recommended for this equipment may cause overheating or deformation of the product and cause an electric discharge or a fire to break out.

ACCESSIBILITY & ELECTRICAL OVERLOAD

Make sure the power unit is easily accessible and as close as possible to the equipment so that the product can be unplugged quickly in case of a problem.

Do not plug too many devices into a mains socket block or extensions as this increases the risk of fire or electric shock.

DAMAGE REQUIRING REPAIR

Unplug the appliance from the mains socket and have it repaired by a qualified after-sales service if:

- The power supply or its plug are damaged.
- One of the cables supplied is damaged or frayed.
- You have spilt a liquid into the appliance, or it has been exposed to rain or water.
- The appliance does not function normally or there is considerable variation in its performance.
- The appliance has fallen or is damaged in any way.
- There is any sign of overheating.

If any small metal objects such as pins, paper clips, etc. accidentally get inside, disconnect the equipment from the mains as quickly as possible (risk of electric shock) and contact your Customer Service to find out what to do. Do not re-connect the product until all foreign bodies have been removed. Unplug the product immediately if you notice a smell of burning or smoke. You must under no circumstance open the product yourself because of the risk of electric shock.

This equipment has been designed for private use inside a building. Ethernet and telephony ports are intended to be connected to indoor cable circuits that are exclusively located within the building where this product is installed and do not terminate on a remote equipment earthed to a different earthing network.

In certain environments or circumstances, the use of wireless devices may be prohibited by the owner of the building or representatives of the organization concerned. If there is any doubt as to the policy applying to the use of wireless equipment in a specific organization or environment (e.g., in airports), you are advised to ask permission to use the product before switching it on. Sagemcom Broadband SAS declines all responsibility in case the regulations in force are not respected in the place of use and if there is radio interference caused to a third party due to the non-respect of the national regulations for this application



Sagemcom hereby confirms that this product complies with the fundamental requirements and other relevant provisions set forth under directive 2014/53/EU

This marking certifies that the equipment is compliant in respect of the health and safety of users, the electromagnetic compatibility of the equipment, the correct use of the radio frequency spectrum and the reduction of the impacts of the product on the environment.

This device produces radio frequencies which are within the range of 2.4 GHz and 5 GHz. To limit exposure to radio frequencies, it is recommended to keep the device at least 20 cm from people. The frequency bands used, and the maximum radio-frequency power transmitted in the product are as follows:

- 2400 – 2483.5 MHz: 100 mW
- 5150 – 5350 MHz: 200 mW
- 5470 – 5725 MHz: 1 W

RESTRICTIONS

This radio equipment is subject to certain restrictions when it is placed on the market in Belgium (BE), Bulgaria (BG), Czech Republic (CZ), Denmark (DK), Germany (DE), Estonia (EE), Ireland (IE), Greece (EL), Spain (ES), France (FR), Croatia (HR), Italia (IT), Cyprus (CY), Latvia (LV), Lithuania (LT), Luxembourg (LU), Hungary (HU), Malta (MT), Netherlands (NL), Austria (AT), Poland (PL), Portugal (PT), Romania (RO), Slovenia (SI), Slovakia (SK), Finland (FI), Sweden (SE), North Ireland (UK(NI)), Norway (NO), Switzerland (CH), Iceland (IS), Turkey (TR), Lichtenstein (LI).

Wi-Fi 5 GHz: the frequency band 5150-5350 MHz is limited to indoor use.

This radio equipment is also subject to certain restrictions when it is placed on the market in United Kingdom (UK).

In accordance with the relevant statutory requirements in the UK, the 5150 to 5350 MHz frequency range is restricted to indoor use in the United Kingdom.

ACCESSORIES INFORMATION

Your electrical equipment may include the following elements:

1. A power supply, including an AC adapter and a power cord,
2. The device itself.

For the latest information on accessories, please refer to the EU and UK declaration of conformity.

The full EU Declaration of Conformity and UK Declaration of Conformity can be consulted at <https://support.sagemcom.com> or may be requested at the following address:

Sagemcom Broadband SAS

4 ALLEE DES MESSAGERIES

92270 BOIS-COLOMBES – France

Contact: reclamations@sagemcom.com



This symbol means that when the product is to be disposed of it must be collected separately and not put with household waste. To this end, the European Union has introduced a specific collection and recycling scheme for which the manufacturers are responsible.

- Collection points are at your disposal locally (recycling centers, sorted waste collection, etc.).
- Retail outlets will take back end-of-life equipment free of charge when purchasing equivalent equipment.
- To make recycling easier, follow the sorting rules for packaging waste.

This appliance has been designed and manufactured using high quality materials and components that can be recycled and reused.

Electrical and electronic appliances may contain items that, though essential for the appliance to function, may be dangerous to health and the environment if they are not properly handled or disposed of. Therefore, you should not dispose of your appliance with household waste.

- If you are a professional user, refer to your supplier's instructions.
- If the appliance is rented out or deposited, contact your service provider. Help us to protect the environment we live in!



Radiation emitted by laser devices may be harmful to humans. Avoid either direct or indirect exposure to laser radiation.
Do not look at the optical components. The laser rays used on the optical fiber are not visible by the naked eyes but are dangerous for human eyes (risk of irreversible blindness)

Class 1
INFORMATION RELATIVE TO ENERGY-RELATED PRODUCTS TESTING (PER DIRECTIVE 2009/125/CE OF THE EUROPEAN PARLIAMENT)

Off mode power consumption: 0.06 W
Network Stand-by power consumption with all network ports connected and wireless ports activated: 10.8 W
Network Stand-by power consumption: 7.8 W after inactivity of 10 minutes

Wireless interfaces (Wi-Fi) can be disabled through the graphical user interface

INFORMATION RELATIVE TO ECODESIGN REQUIREMENTS FOR EXTERNAL POWER SUPPLIES (PER COMMISSION REGULATION (EU) 2019/1782 OF 1 OCTOBER 2019)
COMMISSION REGULATION (EU) 2019/1782 of 1 October 2019 laying down ecodesign requirements for external power supplies pursuant to Directive 2009/125/EC of the European Parliament and of the Council and repealing Commission Regulation (EC) No 278/2009

Manufacturer's name or trademark		Sagemcom Broadband SAS	
Commercial registration number		FR10 440294510	
Manufacturer's Address		CS 39000 92271 BOIS-COLOMBES CEDEX-France	
Model identifier	No 191611546 NBS36K120300VK	No 191635538 ADS-36FKJ-12N 12036EPB-H	No 191635520 MS-V3000R120-036I0-GB
Input voltage	200 – 240	200 – 240	200 – 240
Input AC frequency	50/60 Hz	50/60 Hz	50/60 Hz
Output voltage	12,0 V DC	12,0 V DC	12,0 V DC
Output current	3,0 A	3,0 A	3,0 A
Output power	36,0 W	36,0 W	36,0 W
Average active efficiency	88,30 %	88,30 %	88,30 %
Efficiency at low load (10 %)	78,30 %	78,30 %	78,30 %
No-load power consumption	0,075 W	0,075 W	0,075 W

