

STORMSHIELD NETWORK SECURITY

SAFETY RULES AND INSTALLATION PRECAUTIONS - SNI20 AND SNI40

EN

Before installing anything, carefully read and follow the safety instructions:

SAFETY RULES

BEFORE CONNECTING

- Ensure that your Stormshield product and its accessories are not damaged.
- Ensure that the electrical characteristics of your product indicated on the product label are compatible with those of your power supply network.
- The chassis of your product must be connected to a protective earth circuit, using rated minimum 16 AWG or 1 mm² wire. Ensure that the connection is permanent and reliable, and that the protective earth circuit of your installation complies with safety standards in force.
- Before installing or removing your product, ensure that it has been turned off, and that all power supply connections have been removed.
- Equipment connected to a DC mains supply: please follow IEC, NEC, ANSI/NFPA 70 and CEC, Part I, C22.1 for all relevant field wiring instructions and cautions. The equipment must be installed by a qualified electrician.
- The equipment shall be connected to the DC mains supply with an approved switch or breaker and easily accessible.
- Only wires rated minimum 16AWG or 1mm² shall be used to connect the equipment to the DC mains supply.

IMPORTANT

Never dismantle your Stormshield appliance, as doing so may cause hardware accidents and/or bodily harm. The appliance should only be dismantled for maintenance operations and only by qualified technicians from an approved Stormshield maintenance center. **A warranty seal protects the integrity of your Stormshield firewall, and breaking it will render your warranty null and void.**

IMPORTANT - to the attention of maintenance teams

DANGER OF EXPLOSION IF BATTERY IS INCORRECTLY REPLACED. REPLACE ONLY WITH SAME OR EQUIVALENT TYPE RECOMMENDED BY THE MANUFACTURER. DISCARD USED BATTERIES ACCORDING TO THE MANUFACTURER'S INSTRUCTIONS.

IMPORTANT

Copper Ethernet cables connected to your Stormshield Firewall must not be connected to other appliances located in other buildings.

PRECAUTIONS FOR INSTALLING THE APPLIANCE

Do not install and/or operate your Stormshield Firewall in any place that flammable objects are stored or used in. Your Stormshield Firewall is intended for indoor use, industrial environment (refer to product specifications), away from areas that may receive rainfall, floods or excessive humidity. It must be installed away from sources of shocks, vibrations, and dust, in an environment where the temperature conforms to the product's specifications. Avoid in particular direct exposure to sunlight. Always keep an adequate distance around the product and a free flow of air, thereby preventing the possibility of overheating.

Carefully follow the product installation instructions.

Installation kit - Only use the installation kit supplied with the product.

Do not place objects on your Stormshield appliance.

IMPORTANT

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense. This equipment complies with the requirements set out in the European standard EN55032, Class A. In a residential environment, a Class A product may cause radioelectric interference, for which the user may need to take appropriate measures.

PRECAUTIONS FOR CABINET MOUNTING

- **Elevated Operating Ambient** - If installed in a closed or multi-unit cabinet assembly, the operating ambient temperature of the cabinet environment may be greater than room ambient. Therefore, consideration should be given to installing the equipment in an environment compatible with the maximum ambient temperature (T_{ma}) specified by the manufacturer.
- **Reduced Air Flow** - Installation of the equipment in a cabinet should be such that the amount of air flow required for safe operation of the equipment is not compromised.
- **Mechanical Loading** - Mounting of the equipment in the cabinet should be such that a hazardous condition is not achieved due to uneven mechanical loading.

- **Circuit Overloading** - Consideration should be given to the connection of the equipment to the supply circuit and the effect that overloading of the circuits might have on overcurrent protection and supply wiring. Appropriate consideration of equipment nameplate ratings should be used when addressing this concern.
- **Reliable Earthing** - Reliable earthing of cabinet-mounted equipment should be maintained. Particular attention should be given to supply connections other than direct connections to the branch circuit (e.g. use of terminal blocks).

NETWORK CONNECTION

Routing of copper data cables

Keep data cables some distance away from any source of electromagnetic interference such as mains cables, radio transmitters, fluorescent tubes, etc.

NOTE

Ensure that the cables do not obstruct passageways to prevent them from being pulled out or the product from falling.

Connecting Fiber Optic Ethernet

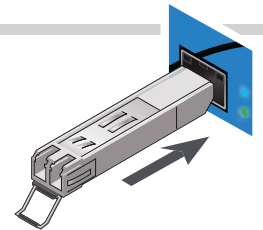
Use the approved SFP transceivers for Stormshield firewalls to transfer data in 1GbE.

NOTE

The fiber optic connectors must be LC connectors.

IMPORTANT

The transceiver and the optic fiber are equipped with a connector plug. When you plug this optic fiber into the transceiver, remove the connector plugs and keep them away from dust for later use.



IMPORTANT

Do not exceed the bending radius indicated in your optic fiber specifications.



REGULATIONS

RECYCLING



Waste Electrical and Electronic Equipment Directive (WEEE)

RoHS directive: For further information on RoHS compliance or on Stormshield's firewall recycling program (WEEE), please go to: <https://www.stormshield.eu/about/recycling/>

COMMON CRITERIA



For further information on compliance with Common Criteria certification, go to: <https://documentation.stormshield.eu/common-criteria>

CERTIFICATIONS



Part 15 Subpart B



STORMSHIELD

For further information, please refer to the document **Product Presentation and Installation**.