

Quick Installation Guide

F1DNUSE-BLK
Secure USB Port Blocker
1-Port

F1DN-FLTR-HID-4
Secure USB HID Filter
2-Port



Objectives:

- Instructions for installing Belkin's F1DNUSE-BLK and F1DN-FLTR-HID-4 USB security device family.
- Belkin's HID Filter (F1DN-FLTR-HID-4) allows secure, unidirectional connection of USB keyboard and mouse. The USB HID Filter blocks all USB traffic except standard keyboard and mouse in one direction only (**Note:** The CAP, NUM, SKL Lock lights will not light on the keyboard being used with the filter).
- The USB Blocker (F1DNUSE-BLK) – is a mechanical USB port cover that physically locks individual USB ports.
- This Manual and additional product documentation is available for online download on the Belkin website. For further assistance please refer to: <http://www.belkin.com/us/Resource-Center/Cybersecurity/Secure-KVM-Switching/>.

USB Blockers and HID Filter

Installation:

WARNING: USB Blockers and HID Filter are PERMANENT applications. Once installed, they CANNOT be removed without causing damage to ports.

- Connect the filter or blocker devices to the PC based on the type of USB devices you would like to use.
- Whenever protecting a PC, It is highly recommended to use at least one HID filter.
- Block all other open ports with the USB Blocker plugs.

Note: Programmable filter configuration will allow the administrator to create a white list and black list rules, allowing and preventing specific USB devices. This configuration is not covered by the manual. Contact your administrator.

Operation:

- Connect USB devices to the filter(s) installed per instructions.
- Keyboard and Mouse to the HID filter (Black Enclosure).
- Use the USB blocker in all remaining USB ports to be protected.
- LED behavior on the filter(s)
 - No device inserted to the filter USB port with the filter installed in a working PC – LEDs light RED.
 - Approved USB device inserted to the filter USB port with the filter installed in a working PC – LEDs light GREEN.
 - Rejected USB device inserted to the filter USB port with the filter installed in a working PC – LEDs FLASH.

Note: Even if one of the inserted devices is accepted and the second one rejected – Both LEDs will FLASH.

- Neither port will operate.

Supported Hardware	Most standard USB keyboards and mice are supported. Wireless keyboards and mice are not supported.
Operating Temperature	32° to 104°F (0° to 40° C)
Storage Temperature	-4° to 140°F (-20° to 60° C)
Humidity Requirements	0-80% relative humidity, non-condensing
Operating Systems	Microsoft® Windows®, Red Hat®, Ubuntu® and other Linux® platforms; Mac OS® X v10.3 and higher
Humidity Requirements	0-80% relative humidity, non-condensing
Power	Provided by PC USB Port
Dimensions	F1DNUSE-BLK: 15.4 (W) mm x 7.8 (H) mm x 11.6 (D) mm / 0.6063 (W) inch x 0.3071 (H) inch x 0.4567 (D) inch
	F1DN-FLTR-HID-4: 30 (W) mm x 18.35 (H) mm x 59.5 (L) mm / 1.181 (W) inches x 0.7224 (H) inch x 2.343 (L) inches; Cable length: 141mm

*Trackballs and ergonomic keyboards are HID's but some require an HID filter while others do not. Belkin has not conducted detailed testing into specific brands of trackballs or ergonomic keyboards.

We, Belkin International Inc, of 555 S. Aviation Blvd. Suite 180, El Segundo, CA 90245-4852, declare under our sole responsibility that the products described in this manual comply to the declarations found at: <https://www.belkin.com/us/support-article?articleNum=316284>.