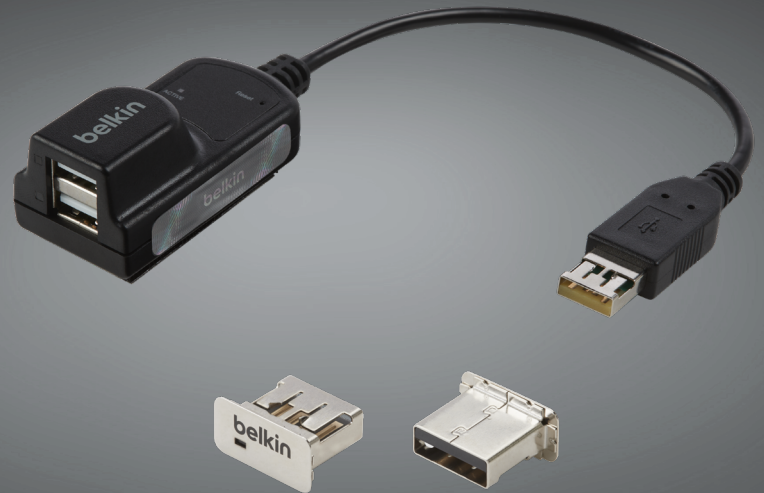# Belkin Secure HID Filter and USB Blockers.

## Secure. Certified. Connected.

Exposed USB ports present an ever-present threat for data theft and malware injection. While software tools and systems exist to enable/disable USB ports on domain-controlled computers, human error, and the tenacity of a bad actor to bypass software defenses cannot guarantee complete protection.

The Belkin USB blocker is designed to operate as a permanent, physical blocker for unneeded USB ports. Once inserted, these blockers cannot be removed without causing permanent damage to the computer and the USB port, making these blockers ideal for protecting high value computer assets and sensitive data from exfiltration and insider threats.

** Caution, ensure that the USB port being blocked will not be needed in the future before using these permanent blockers **

With unneeded USB ports blocked, a keyboard and mouse may still be needed with the protected computer. The Belkin HID filter is designed to be NIAP Protection Profile 4.0 compliant as a USB module and serves to eliminate sophisticated attacks while allowing HID keyboards and mice to connect and operate. Using optical data diodes, the data flow is restricted to one direction, preventing the ability to copy sensitive data from the computer or server. USB emulation logic emulates keyboard keystrokes, preventing malware from being injected into the protected asset. Like the USB blockers, the Belkin HID filter uses a permanent USB Type-A connector that cannot be removed from the device without damaging the computer and the USB port.

## Key features and benefits:

- **Certified for use on Government and Military Networks**
  Designed for NIAP Protection Profile PSD 4.0.

- **TAA-compliant**
  Assembled in the USA, U.S.-based technical support, secure packaging ensures integrity from factory to user site.

- **Protected USB channel usage**
  Using the latest peripheral security isolation to prevent data leakages between peripherals and security enclaves via an HID filter.

- **Blocked USB port usage**
  Physically blocked from use, a USB blocker prevents unwanted transfers of data from a protected asset to the outside world.

- **Models:**
  Choose the model that suits you best.

  **F1DNUSB-BLK:**
  Belkin USB Type-A Port Blocker 1 Port

  **F1DNUSB-BLK10:**
  Belkin USB Type-A Port Blocker 10 Pack - 1 Port

  **F1DN-FLTR-HID-4:**
  Belkin USB Type-A HID Fixed Filter PP4.0

  **F1DN-BLK-HID-4:**
  Belkin USB Type-A Port Blocker 10 Pack

** Caution, ensure that the USB port being HID filtered will not be needed in the future before using these permanent filters **

Blockers and HID filters can be purchased individually or in bundles to suit your deployment requirements.

# Belkin Secure HID Filter and USB Blocker Specifications

| Part Number | F1DNUSB-BLK | F1DNUSB-BLK10 | F1DN-FLTR-HID-4 | F1DN-BLK-HID-4 |
|---|---|---|---|---|
| No. of USB Port Blockers | 1 | 10 | 0 | 10 |
| Belkin KVM Compatibility | 0 | 0 | 1 | 1 |
| **Ports** | | | | |
| Supported Standards | USB Type-A Male connector with permanent barbs to prevent removal once inserted. | | | |
| USB Connector to Peripherals | None | None | 2 USB Type-A Female - 1 Designated keyboard, 1 Designated Mouse | None on blockers, 2 USB Type-A Female - 1 Designated keyboard, 1 Designated Mouse |
| **Physical** | | | | |
| Dimensions | 0.606 (W) x 0.307 (H) x 0.456 (L) inches / 15.4 (W) x 0.30 (H) x 11.6 (L) mm | 0.606 (W) x 0.307 (H) x 0.456 (L) inches / 15.4 (W) x 0.30 (H) x 11.6 (L) mm (Each) | 1.18 (W) x .722 (H) x 2.34 (L) inches / 30.0 (W) x 18.3 (H) x 59.5 (L) mm (Filter Only) | 1.18 (W) x .722 (H) x 2.34 (L) inches / 30.0 (W) x 18.3 (H) x 59.5 (L) mm (Filter Only) |
| Weight | .1 lbs.( 0.045 kg.) | .1 lbs.( 0.045 kg.) (Each) | .23 lbs.( 0.1 kg.) (Filter) | . 23 lbs.( 0.1 kg.) (Filter) |
| **Power** | | | | |
| Power Requirements | None | None | USB Host Connection | USB Host Connection |
| Cable Length | None | None | 5.5 inches / 141 mm | 5.5 inches / 141 mm |
| **Environmental** | | | | |
| Operating Temperature | 32° to 104° F (0° to 40° C) | | | |
| Storage Temperature | -4° to 140° F (-20° to 60° C) | | | |
| Humidity Storage & Use | 0-80% RH, non-condensing | | | |
| **Certification** | | | | |
| Security Accreditation | None | None | NIAP PSD Ver. 4.0, Keyboard/ Mouse v 1.0. | NIAP PSD Ver. 4.0, Keyboard/ Mouse v 1.0. |
| **General Information** | | | | |
| Made In | Designed in California. Assembled in US with US-based technical support (TAA compliant). | | | |
| Product Life-Cycle | 5 years | | | |
| Warranty | 3 years Standard (upgradeable to 4 or 5 years) | | | |
| Enclosure | Aluminum and Impact Resistant Plastic Enclosure(s). | | | |

Learn more about Belkin's cybersecurity solutions.

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