

NIAP 4.0 Certified Secure Defender

Guard your critical data against security threats from shared peripherals

The Defender is a standalone device that provides the same security functions as our NIAP4 Secure KVM switches but it connects to a single computer. Place the Defender in front of unsecured peripherals such as network-connected projectors, printers, and even conference room video collaboration devices. The Defender prevents data leakage across these peripherals through bidirectional communications to ensure that these disallowed peripherals cannot connect to the target (secured enclave) computer.

In short, the Black Box NIAP4 certified Defender keeps your data secure.

Think of it this way. You have visitors in your conference room. In the visitor conference room, you have a projector or video collaboration hardware, and this hardware connects to the same networks as your classified enclaves.

Without the Defender, your visitors could gain access through these unsecured peripherals. Don't give them that chance.

Why opt for the Black Box NIAP4 Certified Secure Defender?

- Certified Security – Security is non-negotiable
- Robust Data Isolation – Eliminate the risk of data breaches
- Tamper-Proof Design – Stop unauthorized attempts
- Versatile Connectivity – Supports a wide range of unsecured peripherals
- Ease of Use and Deployment – Simplify complex workflows and focus on what matters most
- Proven Reliability – With decades of experience, Black Box delivers solutions that meet the highest standards of quality and performance – guaranteed

Empower your organization with the Black Box NIAP4 Certified Secure Defender, where uncompromised security meets operational excellence.

When placed between a secure network enclave and unsecured devices (such as video collaboration, video conferencing, or network connected projectors), the NIAP4 Certified Secure Defender blocks data or signals that can flow between computers in unintended or unauthorized ways, reducing the risk of malware spreading or sensitive data being exfiltrated through these unsecured devices.






Black Box Secure KVM Defender

Designed to provide the highest possible computer and peripheral isolation required by government agencies and the military, the Secure Defender incorporates trusted security features to prevent internal attacks:

Key Features

- Grants unidirectional data flow from the computer to video/audio/USB devices
- Isolated data channels and non-reprogrammable ROM ensure maximum security
- Supports optional assignment of specific peripherals or user access through the Defender's CAC port
- Denies usage of USB devices such as memory sticks
- Isolates connections between classified and public networks
- Tamper-proof chassis indicates hardware manipulation
- Provides a tested and trusted solution with NIAP PP 4.0 certification, the highest possible military-grade protection profile

Available Models		
	Product Code	Secure KVM Defender, NIAP PP v4.0 Certified
	KVS4-8001DX	HD DVI video, USB HID, Audio, CAC option – Protect any and all peripherals that use DVI video.
	KVS4-8001HX	4K HDMI™, USB HID, Audio, CAC option – Protect any and all peripherals that use 4K HDMI video.
	KVS4-8001VX	4K DisplayPort™, USB HID, Audio, CAC option – Protect any and all peripherals that use DisplayPort video.

ABOUT BLACK BOX

Black Box® is a trusted IT solutions provider delivering cutting-edge technology products and world-class consulting services to businesses across the globe in every industry. The breadth of our global reach and depth of our expertise accelerate customer success by bringing people, ideas, and technology together to solve real-world business problems.

