

## NIAP PSD v4.0 Certified Secure KVM Switches

ONE Console Controls Multiple Classification  
Systems Without Any Data Leakage

Every day, organizations face critical network security challenges. One of the most vulnerable parts of a network is the user console. Simply connecting computer peripherals such as keyboard and mouse to multiple systems introduces potential data leakage and hacking risks.

Black Box Secure KVM Switches provide complete port isolation between networks, ensuring that no data leaks between secure ports and the outside world. Built with true air-gap data-path isolation between systems and networks, these switches also help prevent hardware tampering and EDID/audio detection.

Listed on the [NIAP Product Compliant List \(PCL\)](#), Black Box NIAP PSD v4.0-certified Secure KVM Switches meet the highest Common Criteria Protection Profile/Information Assurance standards defined by NIAP.

### Benefits and Features

#### Improved Situational Awareness

Operators can control multi-classification systems through a single console. Multi-monitor or Multiview options provide the systems overview at a glance

#### Information Assurance

Made, tested, and certified in the U.S.A. under the highest available protection profile (NIAP 4.0) to prevent any data leakage, EDID or audio detection, tampering, unauthorized access, and more

#### Lower TCO

Provides overall cost savings with significantly less equipment, power, and space requirements

#### 4K Video for Demanding Applications

Select from single-, dual-, or quad-monitor options with 4K DisplayPort, 4K HDMI, HD DVI-I video, or a mix of all

#### Expert Design

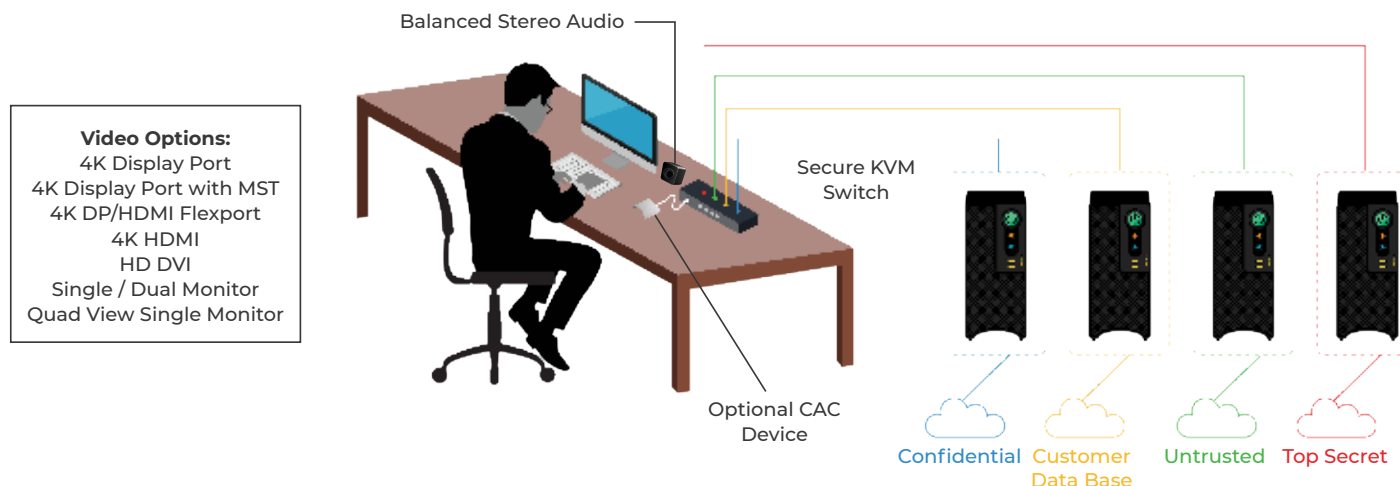
Seasoned expert team around the globe provides exceptional support and guidance in your local time zone and language



KVS4-2004V



# Secure KVM Provides Fully Isolated Channels for Secure Peripheral Control between Multiple Computers, Devices, and Classifications



## NIAP PP 4.0 Secure Desktop Switches

4K DisplayPort 1.2, Audio, USB, CAC Support		
2-Port *	Single Monitor	KVS4-1002V
2-Port	Dual Monitor	KVS4-2002V
4-Port	Single Monitor	KVS4-1004V
4-Port	Dual Monitor	KVS4-2004V
8-Port *	Single Monitor	KVS4-1008V

4K DisplayPort 1.2, Audio, USB, CAC Support		
2-Port *	Dual Monitor, CAC Support	KVS4-2002VX
4-Port *	Dual Monitor, CAC Support	KVS4-2004VX
4-Port *	Quad Monitor	KVS4-4004VX
8-Port *	Single Monitor, CAC Support	KVS4-1008VX
8-Port *	Dual Monitor, CAC Support	KVS4-2008VX

4K DisplayPort 1.2 with MST Support, Audio, USB		
2-Port *	Single DisplayPort in	KVS4-1002VM
4-Port *	Single DisplayPort in	KVS4-1004VM

4K DisplayPort 1.2 with MST Support, Audio, USB, CAC Support *		
2-Port *	Single DisplayPort in	KVS4-1002VMX
4-Port *	Single DisplayPort in	KVS4-1004VMX
4-Port *	Dual DisplayPort in	KVS4-2004VMX

NIAP PP 4.0 Secure Desktop Switches 4K with mixed Video (up to 3840x2160) Audio, USB, CAC Support		
(2) DisplayPort 1.2 + (1) HDMI 1.4 + (1) DVI/VGA		
4-Port *	Quad Monitor	KVS4-4004DHVX

NIAP PP 4.0 Secure Desktop Switches HD DVI/VGA (up to 2560x1600) USB		
2-Port	Single Monitor	KVS4-1002D
2-Port	Dual Monitor	KVS4-2002D
4-Port	Single Monitor	KVS4-1004D
4-Port	Dual Monitor	KVS4-2004D
8-Port *	Dual Monitor	KVS4-2008D

4K HD Flexport Connector (up to 3840x2160) Audio, USB		
Support Standard DisplayPort, HDMI or DVI cable connections		
2-Port *	Single Monitor	KVS4-1002HV
2-Port	Dual Monitor	KVS4-2002HV
4-Port	Single Monitor	KVS4-1004HV
4-Port	Dual Monitor	KVS4-2004HV

4K Flexport Connector (up to 3840x2160) Audio, USB, CAC Support		
Support Standard DisplayPort, HDMI or DVI cable connections		
2-Port *	Single Monitor	KVS4-1002HVX
2-Port *	Dual Monitor	KVS4-2002HVX
4-Port *	Single Monitor	KVS4-1004HVX
4-Port *	Dual Monitor	KVS4-2004HVX

NIAP PP 4.0 Secure Desktop Switches HD DVI/VGA (up to 2560x1600) USB, Audio		
8-Port *	Single Monitor	KVS4-1008DX
8-Port *	Dual Monitor	KVS4-2008DX

NIAP PP 4.0 Secure Defenders, USB, CAC Support		
1-Port	"Single Monitor 4K DisplayPort 1.2"	KVS4-8001VX
1-Port	"Single Monitor 4K HDMI 1.4"	KVS4-8001HX
1-Port	"Single Monitor HD DVI/VGA"	KVS4-8001DX

NIAP PP 4.0 KM Switches USB, CAC Support		
4-Port *	Direct CPU/monitor connections	KVS4-1004KX
8-Port *	Direct CPU/monitor connections	KVS4-1008KX

NIAP PP 4.0 KVM Switch/Quad Multiviewer, USB, CAC Support		
4-Port	Single Monitor with Multiview	KVS4-8004VPX

\* available on demand

