

BELKIN ADVANCED SECURE DVI-I KVM SWITCH



Safe. Connected. Secure.

The Belkin Advanced Secure DVI-I KVM Switch provides superior security for organizations that access sensitive data from multiple computers connected to different networks.

Government agencies, financial institutions, and other organizations often handle sensitive or confidential data on separate networks with different levels of security. To work efficiently and effectively, users within these organizations need a safe, reliable way to access multiple computers simultaneously, each connected to different networks. Secure keyboard-video-mouse (KVM) switches can significantly reduce security risks caused by user error or malicious threats.

The **Belkin Advanced Secure DVI-I KVM Switch** offers superior security and data protection by providing true data path isolation between systems and networks. It is fully compatible with legacy and new information systems and meets NIAP latest Protection Profile PSS Ver. 3.0, which exceeds EAL4 and PP PSS Ver. 2.1. Uni-directional data paths with optical diodes prevent peripherals from being exploited to leak information from one computer system to another. Additional security is provided by an end-to-end tamper-proof system that prevents physical tampering. In-button color chips and included name labels reduce user-switching errors by providing clear identification.

NIAP CERTIFIED TO COMMON CRITERIA PROTECTION PROFILE PSS VER 3.0

This Belkin product is certified by NIAP to the latest Common Criteria Protection Profile PSS Ver 3.0, which exceeds EAL4 and PP PSS Ver. 2.1..

KEY FEATURES AND BENEFITS

- **True Data Path Isolation**
Provides a single, unbuffered, dedicated processor for each KVM peripheral port to prevent data breaches.
- **Peripheral Security**
Uni-directional data flow (using optical diodes) eliminates data leaks via a keyboard or mouse. Because they can only communicate in one direction, these devices are prevented from receiving information from the computer.
- **Peripheral Management**
USB signals are monitored in real time to prevent the attachment of unauthorized devices that could transport malware.
- **Display Security**
Prevents infected networks from writing to the monitor's EDID EEPROM chip and then using the display to leak information using a KVM switch.
- **End-to-End Tamper-Proof System**
Ensures that the product remains tamper-free throughout the manufacturing and delivery process. A uni-body chassis reduces entry points, and tamper-evident holographic labels provide visual indication and prevention of external tampering. Internal sensors render the KVM inoperable if the chassis is opened.
- **Enhanced Usability Features**
Reduces user error with customizable color-coded ports with labels that can be used to associate each port with the correct network. The port buttons illuminate to indicate which computer the console is controlling.

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Belkin Advanced Secure DVI-I KVM Switch Specifications

PART NUMBER	F1DN108C-3	F1DN108F-3	F1DN116C-3
No. of Computers	8	8	16
No. of Displays	1	2	1
Displays Supported	Digital DVI-I displays; VGA & HDMI monitors with compatible cables		
Max Resolutions Supported	3840x2160 pixels (UHD 4K) at 30Hz, 2560x1600 pixels @ 60Hz		
CONSOLE PORTS (DEVICES)			
Console Mouse and Keyboard Ports	USB Type-A female connector or PS/2 Mini-DIN 6-pin female connector (1 designated port for mouse and 1 designated port for keyboard)		
Console Display Ports	DVI-I Dual-link female	DVI-I Dual-link female	DVI-I Dual-link female
Console Audio Jack	1/8" (3.5mm) female	1/8" (3.5mm) female	1/8" (3.5mm) female
Console CAC/Biometrics Input*	USB Type A	USB Type A	USB Type A
DCU Port	RJ14	RJ14	RJ14
COMPUTER PORTS			
Computer Display Ports	DVI-I Dual-link female	DVI-I Dual-link female	DVI-I Dual-link female
Computer Audio Jack	1/8" (3.5mm) female	1/8" (3.5mm) female	1/8" (3.5mm) female
Computer Keyboard/Mouse Ports	USB Type B	USB Type B	USB Type B
Computer CAC Ports	USB Type B	USB Type B	USB Type B
PHYSICAL			
Dimensions	17.3 (W) x 1.7 (H) x 7.8 (D) inches	17.4 (W) x 3.5 (H) x 7.8 (D) inches	17.3 (W) x 3.5 (H) x 7.8 (D) inches
	432.5 (W) x 195.0 (H) x 42.5 (D) mm	435.0 (W) x 195.0 (H) x 87.5 (D) mm	432.5 (W) x 195.0 (H) x 87.5 (D) mm
Weight	10.0 lbs. / 4.5 kg.	13.0 lbs. / 5.9 kg.	13.9 lbs. / 6.3 kg.
POWER			
Power Requirements	100-240VAC, 0.9A Max, 50/60Hz	100-240VAC, 0.9A Max, 50/60Hz	100-240VAC, 0.9A Max, 50/60Hz
AC Input	100 to 240VAC	100 to 240VAC	100 to 240VAC
Power Type	Internal	Internal	Internal
ENVIRONMENTAL			
Operating Temperature	32° to 104° F (0° to 40° C)		
Storage Temperature	-4° to 140° F (-20° to 60° C)		
Humidity	0-80% RH, non-condensing		
CERTIFICATION			
Security Accreditation	NIAP certified to latest Protection Profile PSS Ver 3.0, which exceeds EAL4 and PP PSS Ver. 2.1.		
Regulatory Compliance	FCC Class B, UL, RoHS, ICES		
Military Standards	Model F1DN108C-3 meets MIL-S-901D: Grade A, Class III, Type A for ship-board use		
GENERAL INFORMATION			
Made In	Designed in California. Assembled in US with US and Foreign components.		
Product Life-Cycle	5 years		
Warranty	3 years		
Enclosure	Heavy-duty extruded aluminum enclosure with metal faceplate		

*Compatible with Microsoft LifeCam cameras and Microsoft Fingerprint Reader

Note: All SKUs can be mounted to desk