

## 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 exceeds NIAP security requirements. 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.

### 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

F1DN116C being shown



BELKIN MODEL	F1DN108C	F1DN108F	F1DN116C
<b>KVM features</b>	<b>Single head 8 ports CAC port</b>	<b>Dual head 8 ports CAC port</b>	<b>Single head 16 ports CAC port</b>
Number of ports/channels	8	8	16
Desktop Controller Unit (DCU) port	Yes*	Yes*	Yes*
Support for KVM extender at the console ports	Yes	Yes	Yes
Dual display (dual-head) support	No	Yes	No
Dual-link support	Yes	Yes	Yes
Maximum display resolution supported	VGA resolutions supported up to 2048 x 1536 DVI-D resolutions supported up to 2560 x 1600		
Host video ports	DVI-I Dual link	DVI-I Dual link	DVI-I Dual link
Console video out	DVI-I Dual link	DVI-I Dual link	DVI-I Dual link
USB HID host controller	Yes	Yes	Yes
USB-only host support	Yes	Yes	Yes
Audio out support (no mic)	Yes	Yes	Yes
USB and PS/2 Console keyboard and mouse support	Yes	Yes	Yes
Main power switch	Yes	Yes	Yes
CAC support w/ port enable/disable function	Yes*	Yes*	Yes*
Direct port selector buttons and LEDs per port	Yes	Yes	Yes
Power supply	Internal AC/DC module		

INPUT/OUTPUT	F1DN108C	F1DN108F	F1DN116C
	1 DVI-I (video out)	2 DVI-I (video out)	1 DVI-I (video out)
	1 display status LED	2 display status LEDs	1 display status LED
		1 DCU jack*	
		1 USB Type-A (CAC reader)*	
		2 USB Type-A (keyboard & mouse)	
		2 PS/2 Mini-DIN 6 (keyboard & mouse)	
		1 power LED	
		1 AC jack LC-3 + rocker power switch	
		1 Audio (out) 3.5 mm stereo jack	
		1 DVI-I (video in)	
	1 DVI-I (video in)	2 DVI-I (video in)	1 DVI-I (video in)
		1 USB Type-B high-retention force (keyboard & mouse)	
		1 USB Type-B high-retention force (CAC)*	
		1 Audio (in) 3.5 mm stereo jack	
<b>Rear console</b>			
<b>Rear host (per port)</b>			

\* CAC and DCU ports not certified by Common Criteria.