

BELKIN SECURE DISPLAYPORT KVM



Belkin proudly introduces the one-of-a-kind, innovative Belkin Secure DisplayPort KVM.

Belkin proudly introduces the one-of-a-kind, Belkin Secure DisplayPort KVM. DisplayPort is a complex protocol with the capabilities of transferring various types of information beyond just display signals, therefore challenging in terms of security. Belkin is the only company in the market who overcame this challenge and has added the Belkin Secure DisplayPort KVM to its product range.

With the increasing popularity of DisplayPort displays, the Belkin Secure DisplayPort KVM is the perfect solution. The Belkin Secure DisplayPort KVM is fully compatible with both 1.1 and 1.2 DisplayPort protocols, supporting resolutions up to 3840×2160 × 30 bpp @ 60 Hz.

The Belkin Secure DisplayPort KVM is equipped with a designated Desktop Controller Unit (DCU) port. With an easy to navigate, intuitive user interface, the Belkin Secure DCU enables browsing through available networks with clear indication of the selected channels through numbers, as well as programmable text and colors. The Belkin Secure DCU enables KVM operation remotely at the user's desktop.

The Belkin Secure DisplayPort KVM is the ultimate secure solution for government agencies, financial institutions, and other organizations that handle sensitive or confidential data on separate networks with different levels of security. Users within these organizations need a secure and reliable way to access multiple computers, each connected to different networks. The Belkin Secure DisplayPort KVM provides true data path isolation between systems and networks and is equipped with optical diodes, assuring uni-directional flow of data.

In order to assure the highest level of protection the Belkin Secure DisplayPort KVM is Common Criteria Validated to EAL4+. Additional security is provided through its end-to-end tamper-proof system that prevents physical tampering, as well as color chips and included naming labels that are provided to reduce user-switching errors by providing clear identification for each target port on the Secure KVM.

Common Criteria Validated to EAL4+

The Belkin Secure DisplayPort KVM is Common Criteria validated to EAL 4+ (Evaluation Assurance Level 4). The product also complies with NIAP Protection Profile 2.2.

KEY FEATURES AND BENEFITS

• The only Secure DisplayPort KVM in the market

The Belkin Secure DisplayPort KVM is the only Secure DisplayPort KVM in the market today. The Belkin Secure DisplayPort KVM supports both 1.1 and 1.2 DisplayPort protocols.

• Protected DisplayPort Channel Switching

Belkin Secure DisplayPort KVM switch includes security mechanisms to protect DisplayPort channels, preventing leakage of information between connected computers and the display(s). These security mechanisms provide isolation even if two connected computers are infected with malicious code attempting to target the KVM.

• Improved Usability, Situational Awareness and Security

The Belkin Secure DisplayPort KVM supports the patented Belkin Secure DCU to enable easy and intuitive KVM operation at the user's desktop. Channel names may be programmed, by an Administrator, into the DCU display. The Belkin Secure DCU enables browsing through available networks, with clear indication of the selected channels through numbers, as well as programmable text and colors

• Future Proof

The Belkin Secure DisplayPort KVM supports all current and future display resolutions.

Maximum Resolutions Supported:

- All DisplayPort 1.2 resolutions up to 3840×2160 × 30 bpp @ 60 Hz.
- Supports 17.28 Gbit/s @ 4-lane link.

• Increased Reliability

Using new, advanced anti-tampering battery with an extremely low self-discharge rate, the life expectancy of the switch has been increased dramatically to over 15 years.

• Four Models

Choose the model that suits you best.

- F1DN102P 2-port DisplayPort, Single-Head + CAC Port + DCU Port + Audio
- F1DN104P 4-port DisplayPort, Single-Head + CAC Port + DCU Port + Audio
- F1DN104W 4-port DisplayPort, Dual-Head + CAC Port + DCU Port + Audio
- F1DN104Q 4-port (3 x DisplayPort 1x DVI-I), Quad-Head + CAC Port + DCU Port + Audio



F1DN102P
F1DN104P
F1DN104W
F1DN104Q

F1DN104W

Security. Convenience. Control.

Belkin Secure Displayport KVM Switch

| PART NUMBER | F1DN102P | F1DN104P | F1DN104W | F1DN104Q |
|----------------------------------|---|--|---|---|
| No. of Computers | 2 | 4 | 4 | 4 |
| No. of Displays | 1 | 1 | 2 | 4 (3 DisplayPort and 1 DVI) |
| Resolutions Supported | All DisplayPort 1.2 resolutions up to 3840×2160 × 30 bpp @ 60 Hz. Supports 17.28 Gbit/s @ a 4-lane link. DVI-I Dual-Link up up to 2560x1600 (F1DN104Q Only) | | | |
| 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 | DisplayPort 1.1 and 1.2 | DisplayPort 1.1 and 1.2 | 2 x DisplayPort 1.1 and 1.2 | 3 x DisplayPort 1.1 and 1.2 and 1 x DVI- I Dual Link |
| Console Audio Jack | 3.5mm Female | | | |
| Console CAC Input | USB Type A | | | |
| COMPUTER PORTS | | | | |
| Computer Display Ports | 1 x DisplayPort 1.1 and 1.2 | 1 x DisplayPort 1.1 and 1.2 | 2 x DisplayPort 1.1 and 1.2 | 3 x DisplayPort 1.1 and 1.2 and 1 x DVI- I Dual-Link |
| Computer Audio Jack | 3.5mm Female | | | |
| Computer Keyboard/Mouse Ports | USB Type B | | | |
| Computer CAC Ports | USB Type B | | | |
| PHYSICAL | | | | |
| Dimensions | 12.5 (W) x 1.7 (H) x 6.4 (L) inches / 317.5 (W) x 43.2 (H) x 162.6 (L) mm | 12.5 (W) x 1.7 (H) x 6.4 (L) inches / 317.5 (W) x 43.2 (H) x 162.6(L) mm | 12.5 (W) x 2.5 (H) x 6.4 (L) inches/ 317.5 (W) x 63.5 (H) x 162.6(L) mm | 12.5 (W) x 3.8 (H) x 6.4 (L) inches/ 317.5 (W) x 96.5 (H) x 162.6(L) mm |
| Weight | 3.9lbs.(1.77kg) | 3.9 lbs.(1.77kg) | 4.85 lbs.(2.2kg) | 5.85 lbs.(5.65kg) |
| POWER | | | | |
| Power Requirements | 100–240VAC, 1A Max, 50/60Hz | | | |
| AC Input: | 100 to 240VAC | | | |
| Power Type | External | | | |
| 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 | Common Criteria EAL 4+ ALC_FLR.3 | | | |
| GENERAL INFORMATION | | | | |
| Made In | USA | | | |
| Product life-cycle | 15 years | | | |
| Warranty | 3 years | | | |
| Enclosure | Heavy-Duty extruded aluminum enclosure with metal faceplate | | | |



F1DN104P