F1DN202FLP-DP-3
F1DN102FLP-DP-3
F1DN102N-3
F1DN102F-3
F1DN102V-3

**F1DN202FLP-DP-3**

**F1DN102FLP-DP-3**

**F1DN102N-3**

**F1DN102F-3**

**F1DN102V-3**

NIAP PP PSS 3.0 CERTIFIED
COMMON CRITERIA

# BELKIN SECURE FLIP 2-PORT KVM SWITCH WITH AUDIO & REMOTE

## SECURE | CERTIFIED | CONNECTED

## Secure FLIP KVM Switch

The Belkin Secure FLIP KVM Switch is designed for use in defense and intelligence installations requiring consolidated control between two computers at different security enclaves and provides the stringent safeguards required by today's IA (Information Assurance) computing requirements.

Certified to the NIAP PP3.0 certification and assurance standard, users can confidently leverage the same set of peripherals to streamline work flows and enhance efficiencies in working across disparate systems and security enclaves. The Belkin Secure FLIP KVMs maintain true air-gap isolation by emulating USB communication between inputs and outputs. Further, optical data diodes on all USB connections assure unidirectional data flow of HID filtered information with better than -60dB of isolation between channels.

Integrated anti-tamper switches protected by an always-on battery backup system immediately render the unit permanently inoperable in the event of a physical breech attempt.

Available in DP, single and dual head, as well as DVI, VGA, and DisplayPort to HDMI Single head options, the FLIP KVMs can accommodate legacy and modern video standards with integrated cabling and small form factor. An integrated remote control further simplifies installation and declutters the desktop by allowing secure channel selection with a wired remote-control button.

### 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

- **Certified for Use on Government and Military Networks**
  Certified for NIAP Protection Profile PSS 3.0.

- **TAA Compliant**
  Assembled in the USA, US-based technical support, secure packaging ensures integrity from factory to user site.

- **Integrated Cabling**
  All-inclusive design for simplified installation.

- **True Data Path Isolation**
  Optical data diodes assure data can only flow from device to host.

- **Peripherals Protection**
  Eliminate data leaks with hardware-controlled unidirectional data flow that allows primary input devices, such as keyboards and mice, to communicate in only one direction, keeping these devices from receiving any data back from the computer.

- **Models:**
  Choose the model that suits you best.
  - F1DN202FLP-DP-3: DisplayPort 2-Port, Dual Head FLIP KVM with Audio and Remote.

  - F1DN102FLP-DP-3: DisplayPort 2-Port, Single Head FLIP KVM with Audio and Remote.

  - F1DN102N-3: DisplayPort to HDMI 2-Port FLIP KVM with Audio and Remote.

  - F1DN102F-3: DVI-D 2-Port FLIP KVM with Audio and Remote.

  - F1DN102V-3: VGA 2-Port FLIP KVM with Audio and Remote.

Cybersecurity Solutions

F1DN202FLP-DP-3
F1DN102FLP-DP-3
F1DN102N-3
F1DN102F-3
F1DN102V-3

**Connections**

- Video
- R/C
- Audio
- USB Keyboard/Mouse
- 12V, 1A Power

## User's Desktop

User Display

Mouse    Keyboard    R/C    Audio

Port 1 Cable    Port 2 Cable

PC 1    PC 2

Power Supply
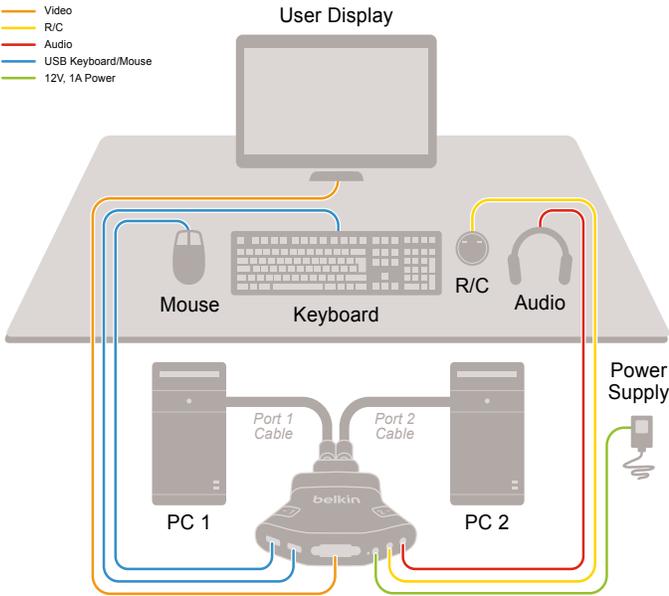
Single Head Unit

## User's Desktop

User Display

Mouse    Keyboard    R/C

Port 1 1B Cable    Port 2 2A Cable

1A Cable    2B Cable

PC 1    A    B    PC 2

Power Supply

1A / 2A    1B / 2B
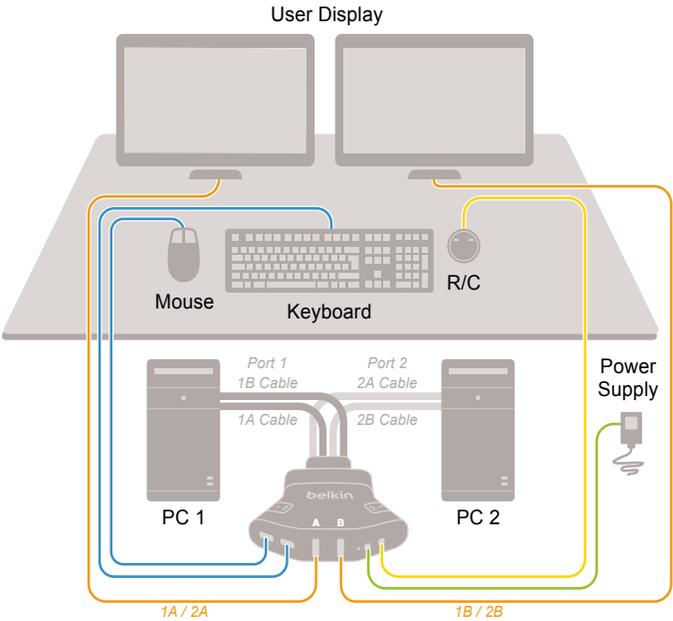
Dual Head Unit

**NOTE:** F1DN202FLP-DP-3 provides audio via the DP connection from the PC and outputs via DP to a digital (DP) audio capable monitor.

## Front and Rear Panel Views



**F1DN202FLP-DP-3**



**F1DN102FLP-DP-3**



**F1DN102N-3 (DP to HDMI)**



**F1DN102F-3 (DVI-D)**



**F1DN102V-3 (VGA)**

F1DN202FLP-DP-3
F1DN102FLP-DP-3
F1DN102N-3
F1DN102F-3
F1DN102V-3

## SECURE | CERTIFIED | CONNECTED

## Belkin Secure FLIP 2-Port KVM Switch

| PART NUMBER | F1DN202FLP-DP-3 (DISPLAYPORT) | F1DN102FLP-DP-3 (DISPLAYPORT) | F1DN102N-3 (DP TO HDMI) | F1DN102F-3 (DVI-D) | F1DN102V-3 (VGA) |
|---|---|---|---|---|---|
| No. of Computers | 2 | | | | |
| No. of Displays | 2 | 1 | | | |
| **CONSOLE PORTS (DEVICES)** | | | | | |
| Console Mouse and Keyboard Ports | USB Type-A female connector (1 designated port for mouse and 1 designated port for keyboard) | | | | |
| Console Audio Jack | Via Display Port connection | 1/8" (3.5mm) female | | | |
| Console Remote Control Port | 1/10" (2.5 mm) female | | | | |
| Console Video Port[1] | DisplayPort | | HDMI | DVI-D | VGA |
| Max Resolution Supported | 3840 x 2160 pixels (UHD 4K) @ 30Hz 2560 x 1600 pixels @ 30Hz | | | | 2048 x 1536 pixels |
| **COMPUTER PORTS** | | | | | |
| Computer Audio Jack | Via Display Port connection | 1/8" (3.5mm) female | | | |
| Computer Keyboard/Mouse Port | USB Type A | | | | |
| Computer Video Port | DisplayPort | | DisplayPort | DVI-D | VGA |
| Integrated Computer Cable | 4x 6 ft (1.8m) integrated cables for Video, USB, and Audio | 2x 6 ft (1.8m) integrated cables for Video, USB, and Audio | | | |
| **PHYSICAL** | | | | | |
| Dimensions | 4.3 (W) x 3 (D) x 2 (H) inches / 109.2 (W) x 76.2 (D) x 50.8 (H) mm | 4.3 (W) x 3 (D) x 1 (H) inches / 109.2 (W) x 76.2 (D) x 25.4 (H) mm | | | |
| Weight | 1.8 lbs (0.82 kg) | 1.6 lbs. (0.73 kg.) | | | |
| **POWER** | | | | | |
| Power Requirements | 12V, 1.5A DC | | | | |
| AC Input | 100–240VAC | | | | |
| Power Type | External with WW Mains Connectors | External | | | |
| **ENVIRONMENTAL** | | | | | |
| Operating Temperature | 32° to 104° F (0° to 40° C) | | | | |
| Storage Temperature | -4° to 140° F (-20° to 60° C) | | | | |
| Humidity Storage and Use | 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. NIAP listed. | | | | |
| Regulatory Compliance | FCC Class A, UL, CE, RoHS, ICES, RCM | | | | |
| **GENERAL INFORMATION** | | | | | |
| Made In | Designed in California. Assembled in US with US-based technical support (TAA compliant). | | | | |
| Product Life-Cycle | 5 years | | | | |
| Warranty | 3 years Standard (upgradeable to 4 or 5 years) | | | | |
| Enclosure | Impact resistant ABS plastic. | | | | |

[1] The system is designed for console cables less than 10ft / 3M in length.

## Accessories and Optional Service Items

| PART NUMBER | DESCRIPTION |
|---|---|
| 0401-00723 | Replacement Power Adapter, 12V/1.5A, Worldwide |
| 0401-00458 | Replacement Power Adapter, 12V/1A, North America |
| 0401-00459 | Replacement Power Adapter, 12V/1A, EU |
| 0401-00473 | Replacement Power Adapter, 12V/1A, UK |

Learn more at **belkin.com/cybersecurity**