belkin®

F1DN002MOD-KM-4

F1DN004MOD-KM-4

SCAN ME

# BELKIN SECURE MODULAR KEYBOARD/MOUSE (KM) SWITCH

## SECURE | CERTIFIED | CONNECTED

## Secure Modular KM Switch

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

The Modular Secure KM enables users to securely switch between 2 or 4 computer sources while simultaneously viewing all computers on different displays. Each source can have up to 4 connected displays, allowing for seamless control over large monitor walls.

The Belkin KM securely switches control of keyboard and mouse between all sources via Key Press Seamless Cursor Switching (KPSCS). Instead of using front panel buttons to switch between channels, KPSCS automatically switches mouse, and keyboard from one channel to the next once the mouse cursor crosses a display border onto the adjacent display while the correct keyboard key is held down.

The Belkin Modular Series Secure KMs are certified to the latest Common Criteria and NIAP cybersecurity standard, NIAP Protection Profile for Peripheral Sharing Devices 4.0. As a secure KM, the Belkin Modular Series is further certified to the Keyboard/Mouse Devices module version 1.0. NIAP PP PSD 4.0 adds to the strict signal isolation requirements of NIAP PP PSS 3.0 and defines the latest standard for military-grade cyber security.

The Belkin Modular Series of secure KMs deliver all NIAP Protection Profile 4.0 certification required criteria in a KM that is slightly larger than a smart phone. With a supplied remote control, the KM can be easily mounted on the back of the  monitor or under a desk to create a uniquely clean and decluttered work environment while enhancing ergonomics and without compromising security requirements. The remote control is recognized as part of the
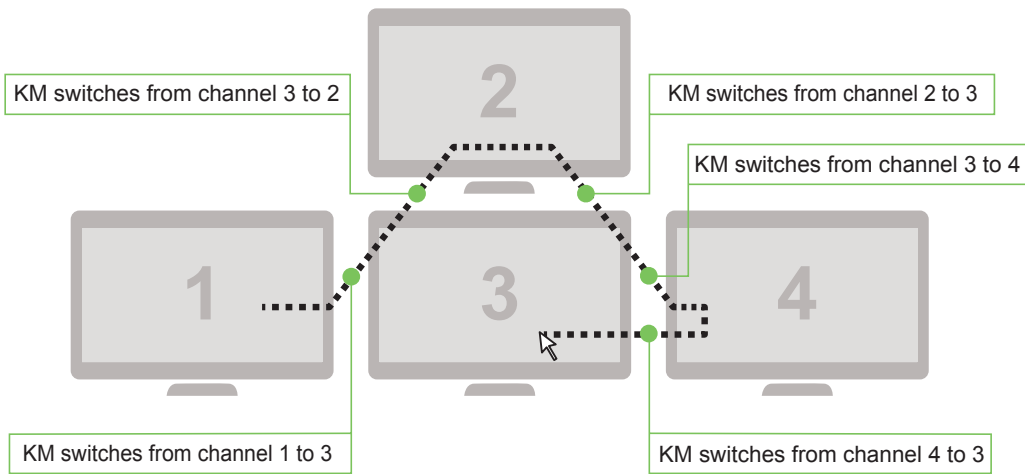
## KEY FEATURES AND BENEFITS

- **Certified for Use on Government and Military Networks**
  Certified for NIAP Protection Profile PSD 4.0.

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

- **Key Press Seamless Cursor Switching (KPSCS)**
  Keyboard control follow mouse as cursor crosses one physical display to the other with a keyboard key held down.

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

- **Lag-free, Real-time Switching**
  Hardware-based solution eliminates keyboard and mouse delay when switching between ports, offering a fluid and intuitive user experience.

- **Multi-monitor Flexibility**
  Predefined configurations let you select almost any desired physical display setup, with single, dual, or quad displays connected to each PC. Custom configuration utility facilitates definition of custom monitor wall configurations with up to 16 monitors per computer.

- **Innovations for Optimum User Experience**
  From the size of the unit to the included remote control to the optional mounting provisions, to status indicator LEDs on the SKVM and remote control, the modular series of SKVMs are engineered to declutter the desk and optimize the user experience.

- **Models:**
  Choose the model that suits you best.
  - F1DN002MOD-KM-4
    2-port Modular KM, with packaged cabling for USB to 2 Host PCs.

  - F1DN004MOD-KM-4
    4-port Modular KM, with packaged cabling for USB to 4 Host PCs.

secure KM per NIAP PP4.0 and can provide the positive feedback operators need as to what channel and what security enclave he/she is working on.

Modular Secure KM Switch is ideal for data-intensive applications where information from multiple secure sources is required to be viewed and compared simultaneously. Analysts and operators in defense and intelligence, banking and trading, or security operations centers (SOC) or network operations centers (NOCs) as well as other command and control environments will benefit immediately and immensely from seamless switching with cursor movement.

Combined with Belkin's extended warranty plans, system administrators can now extend the useful lifecycle of their KMs across multiple technology generations with the assurance of Belkin's free technical support and replacement promise.
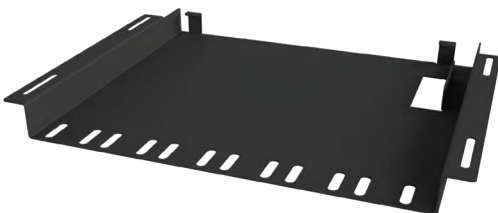
## CERTIFIED TO NIAP PROTECTION PROFILE PSD VER 4.0



KM switches from channel 3 to 2

KM switches from channel 2 to 3

KM switches from channel 3 to 4

KM switches from channel 1 to 3

KM switches from channel 4 to 3

## Secure Modular KM Switch Front and Rear Panels



**F1DN002MOD-KM-4**

**F1DN004MOD-KM-4**

## Mounting Options



**F1DN-MOD-MOUNT**
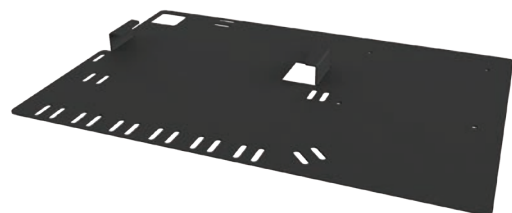
**F1DN-MOD-VMOUNT**

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## Belkin Modular Secure KM Switch

| PART NUMBER | F1DN002MOD-KM-4 | F1DN004MOD-KM-4 |
|---|---|---|
| No. of Computers | 2 | 4 |
| No. of Displays | 8 | 16 |
| **CONSOLE PORTS (DEVICES)** | | |
| Console Mouse and Keyboard Ports | USB Type-A female connector (1 designated port for mouse and 1 designated port for keyboard) | |
| Remote Control Port | Mini USB | |
| **COMPUTER PORTS** | | |
| Computer Keyboard/Mouse Ports | USB Type A via integrated cable | |
| **PHYSICAL** | | |
| Dimensions | 3.5 (W) x 0.6 (H) x 7.5 (L) Inches / 90 (W) x 15 (H) x 190 (L) mm | 3.5 (W) x 0.6 (H) x 7.5 (L) Inches / 90 (W) x 15 (H) x 190 (L) mm |
| Weight | .55 lbs. (0.250 kg.) | .55 lbs. (0.250 kg.) |
| **POWER** | | |
| Power Requirements | 12V 2.5A DC Power Supply with WW Mains connectors | |
| AC Input | 100 to 240VAC | |
| Power Type | Worldwide with interchangeable mains connectors for NA, EU, UK, ANZ included 5mm DIN connector. | |
| **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 Protection Profile PSD Ver. 4.0, Keyboard/Mouse v 1.0. TEMPEST variants available via an SDIP-55 NATO accredited TEMPEST test facility. | |
| Regulatory Compliance | FCC Class A, UL, CE, RoHS, ICES, RCM, UKCA | |
| **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 | Aluminum Enclosure | |

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## Belkin Secure KM Switch
### Accessories and Optional Service Items

| PART NUMBER | DESCRIPTION |
|---|---|
| 0401-00811 | Power Adapter Kit, 12V/2.5A |
| F1DN-MOD-REM2 | Desktop Remote Control for 2-port Modular SKVM/SKM |
| F1DN-MOD-REM4 | Desktop Remote Control for 4-port Modular SKVM/SKM |
| F1DN-MOD-MOUNT | Desktop Mounting Bracket for Modular SKVM/SKM |
| F1DN-MOD-VMOUNT | VESA Mounting Bracket for Modular SKVM/SKM |
| F1DN-MOD-REXT-4 | Modular Remote Control Extension Cable 4 Feet |
| F1DN1MOD-USB06 | Modular USB Cable for KM 6 Feet |

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