



F1DN102KVM-UN-3



F1DN202KVM-UN-3



F1DN104KVM-UN-3



F1DN204KVM-UN-3



BELKIN SECURE UNIVERSAL KVM SWITCH

SECURE | CERTIFIED | CONNECTED

Belkin Secure Universal DP/HDMI to DP/HDMI KVM

Utilizing an innovative display connection technology, the Belkin NIAP PP3.0 certified Secure Universal KVM Switch can simultaneously accommodate legacy DVI-D input/output as well as modern, high resolution HDMI and DisplayPort input/outputs using passive cabling. The innovative connector design and internal video conversion allows the same SKVM to be used for legacy systems and accommodate anticipated technology changes over time, ensuring today's investment is not rendered obsolete as underlying systems get upgraded.

The Belkin Secure Universal KVM is the ideal solution for systems using high performance Display Port graphics outputs as well as monitor inputs. The platform is fully compatible with Display Port connections supporting resolutions of UHD 4K @60Hz. The platform's flexibility also allows support for standard definition and HD resolutions supported by DVI-D Single Link without the need for external graphic conversions using costly active cables. The platform is truly plug and play now and into the future.

Certified to the NIAP PP3.0 certification and assurance standard, users can confidently leverage the same set of monitors and PC peripherals to streamline work flows and enhance efficiencies in working across disparate systems and security enclaves without introducing pathways for cybersecurity threats to migrate from one system to the next. The Belkin Secure Universal KVM maintains true air-gap isolation by emulating video EDID and USB communication between inputs and outputs.

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.
- Support DisplayPort, HDMI, and DVI-D via Passive Cabling**
 The Belkin Secure Universal SKVM supports video for any combination of DP, HDMI, and DVI-D I/O with only passive cables at resolutions from 800 x 600 to 4K (3840 x 2160) @60Hz.
- Protected Video Channel Switching and the latest peripheral security isolation to prevent data leakages between different security enclaves.**
- Future Proof**
 The Belkin Secure Universal SKVM supports most current and many future display resolutions. As the graphic input/outputs change, the SKVM can accommodate these changes with the appropriate passive connection cable, ensuring high ROI from infrastructure investments.
- Models:**
 Choose the model that suits you best.
 - F1DN102KVM-UN-3**
 Single-Head, 2-port KVM, with Audio & CAC port.
 F1DN102KVM-UNN3
 F1DN102KVM-UN-3 assembled with 8300-00767 CAC port cover
 - F1DN202KVM-UN-3**
 Dual-Head, 2-port KVM, with Audio & CAC port.
 F1DN202KVM-UNN3
 F1DN202KVM-UN-3 assembled with 8300-00767 CAC port cover
 - F1DN104KVM-UN-3**
 Single-Head, 4-port KVM, with Audio & CAC port.
 F1DN104KVM-UNN3
 F1DN104KVM-UN-3 assembled with 8300-00765 CAC port cover
 - F1DN204KVM-UN-3**
 Dual-Head, 4-port KVM, with Audio & CAC port.
 F1DN204KVM-UNN3
 F1DN204KVM-UN-3 assembled with 8300-00765 CAC port cover

Further, optical data diodes on all USB connections assure uni-directional data flow of HID filtered information with better than -60dB of isolation between channels. Dedicated Common Access Card input ports consolidate the number of CAC readers and allow a single reader to be shared across all connected systems for user authentication.

Integrated anti-tamper switches immediately render the unit permanently inoperable in the event of a breach attempt. Unique mechanical design accommodates desktop or under-desk mounting with optional bracket along with an optional remote-control capability to further declutter the operator's desk. Innovative channel designator inserts and no keyboard shortcuts for switching ensure operators are always aware of which security enclave they are working on.

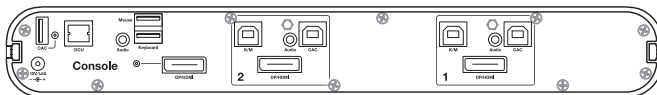
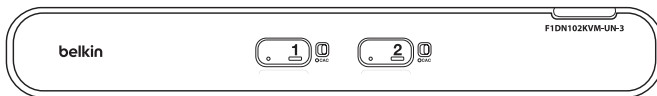
All Belkin Secure KVMs are designed and assembled in the United States and shipped in tear-away packaging, ensuring that the unit has not been tampered from the factory to delivery at the end site. US-based technical support, free replacements, a standard 3-year warranty with options for up to 5 years of coverage provide unsurpassed customer support. The Universal Secure KVMs represent the ideal solution against today's cyber threats for mission-critical applications in government, military, financial, healthcare, energy, and any application seeking guaranteed isolation between systems at the operator's desk.

**CERTIFIED TO NIAP
 PROTECTION PROFILE PSS VER 3.0**

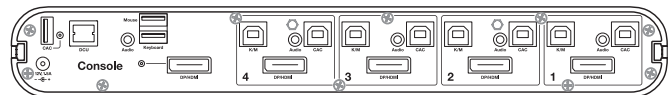
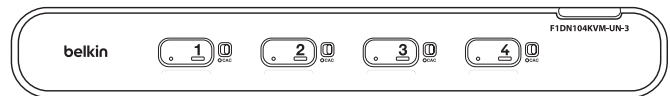
This Belkin product is certified to the NIAP Protection Profile PSS Ver 3.0, which exceeds EAL4 and PP PSS Ver. 2.1.

Front and Rear Panel Drawings

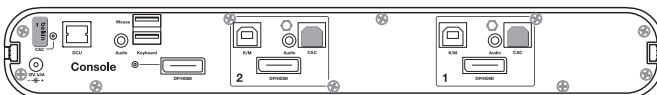
Single Head



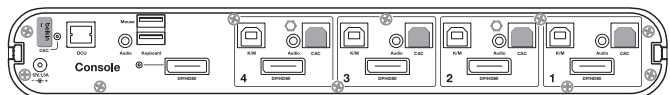
F1DN102KVM-UN-3



F1DN104KVM-UN-3

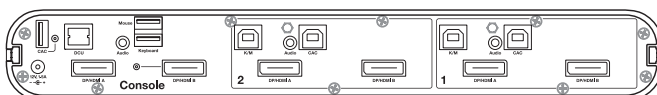
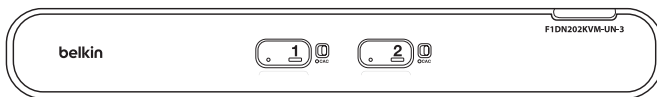


F1DN102KVM-UNN3

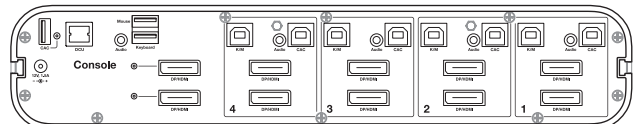
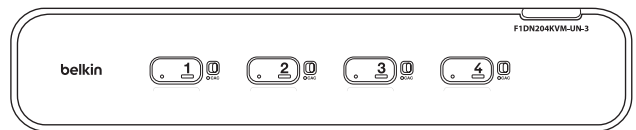


F1DN104KVM-UNN3

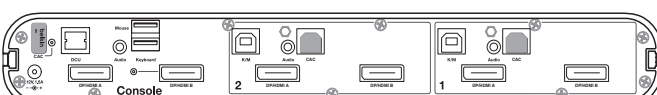
Dual Head



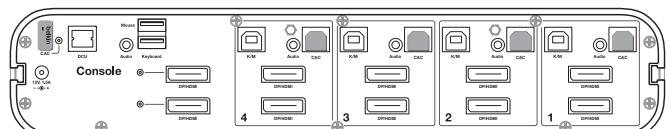
F1DN202KVM-UN-3



F1DN204KVM-UN-3



F1DN202KVM-UNN3



F1DN204KVM-UNN3



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Belkin Secure Universal KVM Switch



PART NUMBER	F1DN102KVM-UN-3	F1DN202KVM-UN-3	F1DN104KVM-UN-3	F1DN204KVM-UN-3
No. of Computers	2	2	4	4
No. of Displays	1	2	1	2
Max Resolutions Supported	3840 x 2160 pixels (UHD 4K) @ 60Hz (DP Input/HDMI 2.0 Output only) 3840 x 2160 pixels (UHD 4K) @ 30Hz (DP)			
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 Display Ports	1 x DP 1.2a or 1 x HDMI 2.0 via combo connector	2 x DP 1.2a or 2 x HDMI 2.0 via combo connector	1 x DP 1.2a or 1 x HDMI 2.0 via combo connector	2 x DP 1.2a or 2 x HDMI 2.0 via combo connector
Console Audio Jack	1/8" (3.5mm) female			
Console CAC Input when equipped with a CAC port	USB Type A			
DCU Port	RJ25			
COMPUTER PORTS				
Computer Display Ports	1 x DP 1.2a port or 1 x HDMI 2.0 via combo connector	2 x DP 1.2a port or 2 x HDMI 2.0 via combo connector	1 x DP 1.2a port or 1 x HDMI 2.0 via combo connector	2 x DP 1.2a port or 2 x HDMI 2.0 via combo connector
Computer Audio Jack	1/8" (3.5mm) female			
Computer Keyboard/Mouse Ports	USB Type B			
Computer CAC Ports when equipped with a CAC port	USB Type B			
PHYSICAL				
Dimensions	12.5 (W) x 2.5 (H) x 6.2 (L) inches / 317.5 (W) x 63.5 (H) x 162.6 (L) mm	12.5 (W) x 2.5 (H) x 6.2 (L) inches / 317.5 (W) x 63.5 (H) x 162.6 (L) mm	12.5 (W) x 2.5 (H) x 6.2 (L) inches / 317.5 (W) x 63.5 (H) x 162.6 (L) mm	12.5 (W) x 3.6 (H) x 6.2 (L) inches / 317.5 (W) x 91.4 (H) x 162.6 (L) mm
Weight	3.9 lbs.(1.77 kg.)	4.85 lbs.(2.2 kg.)	3.9 lbs.(1.77 kg.)	4.85 lbs.(2.2 kg.)
POWER				
Power Requirements	12V 1.5A DC Power Supply			
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	Certified to NIAP Protection Profile PSS Ver 3.0, which exceeds EAL4. 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	Heavy-duty aluminum enclosure with metal faceplate.			

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Belkin Secure Universal KVM Switch Recommended Cable Solutions

KVM PC CONNECTION COMBO CABLES	SINGLE OUTPUT PC	DESCRIPTION
DP to DP	F1D9019b06t F1D9019b10t	TAA DP/USB/AUD SKVM CBL, DP M/M; USB A/B, 6' TAA DP/USB/AUD SKVM CBL, DP M/M; USB A/B, 10'
mDP to DP	F1DN1CCBL-MP6t F1DN1CCBL-MP10t	TAA MDP to DP/USB/AUD CBL, VID M/M; USB A/B, 6' TAA MDP to DP/USB/AUD CBL, DP M/MDP M; USB A/B, 10'
HDMI to HDMI	F1DN1CCBL-HH6t F1DN1CCBL-HH10t	TAA HDMI/USB/AUD CBL, HDMI M/M; USB A/B, 6' TAA HDMI/USB/AUD CBL, HDMI M/M; USB A/B, 10'
DVI to HDMI	F1DN1CCBL-DH6t F1DN1CCBL-DH10t	TAA DVI to HDMI/USB/AUD CBL, VID M/M; USB A/B, 6' TAA DVI to HDMI/USB/AUD CBL, VID MM; USB A/B, 10'
VGA to HDMI	F1DN1CCBL-VH-10	VGA to HDMI/USB/AUD CBL VGA/HDMI MM, USB A/B, 10'
USB-C to DP	F1DN1CCBL-CP6t F1DN1CCBL-CP10t	TAA USB-C to DP/USB/AUD CBL VID M; USB B, 6" TAA USB-C to DP/USB/AUD CBL VID M; USB B, 10"

KVM PC CONNECTION COMBO CABLES	DUAL OUTPUT PC	DESCRIPTION
DP to DP	F1D9020b06t F1D9020b10t	TAA DUAL DP/USB/AUD SKVM CBL, DP M/M; USB A/B, 6' TAA DUAL DP/USB/AUD SKVM CBL, DP M/M; USB A/B, 10'
mDP to DP	F1DN2CCBL-MP6t F1DN2CCBL-MP10t	TAA 2 MDP to DP/USB/AUD CBL, VID M/M; USB A/B, 6' TAA 2 MDP to DP/USB/AUD CBL, VID M/M; USB A/B, 10'
HDMI to HDMI and DP to DP	F1DN2CC-HHPP6t F1DN2CC-HHPP10t	TAA (1) HDMI-HDMI (1) DP-DP/USB/AU CBL, 6' TAA (1) HDMI-HDMI (1) DP-DP/USB/AU CBL, 10'
DVI to HDMI and DP to DP	F1DN2CC-DHPP6t F1DN2CC-DHPP10t	TAA (1) DVI to HDMI (1) DP to DP/USB/AUD CBL, 6' TAA (1) DVI to HDMI (1) DP-DP/USB/AUD CBL, 6'
HDMI to HDMI	F1DN2CCBL-HH6t F1DN2CCBL-HH10t	TAA DUAL HDMI/USB/AUD CBL, HDMI M/M; USB A/B, 6' TAA DUAL HDMI/USB/AUD CBL, HDMI M/M; USB A/B, 10'
DVI to HDMI	F1DN2CCBL-DH6t F1DN2CCBL-DH10t	TAA 2 DVI to HDMI/USB/AUD CBL, VD MM; USB A/B, 6' TAA 2 DVI to HDMI/USB/AUD CBL, VD MM; USB A/B, 10'
USB-C to DP	F1DN2CCBL-CP6t F1DN2CCBL-CP10t	TAA DUAL USB-C to DP/USB/AUD CBL VID M; USB B, 6" TAA DUAL USB-C to DP/USB/AUD CBL VID M; USB B, 10"

KVM MONITOR OR VIDEO ONLY CABLES	DESCRIPTION
DP to DP	F1DN1VCBL-PP6t F1DN1VCBL-PP10t
mDP to DP	F1DN1VCBL-MP6t F1DN1VCBL-MP10t
HDMI to HDMI	F1DN1VCBL-HH6t F1DN1VCBL-HH10t
DVI to HDMI	F1DN1VCBL-DH6t F1DN1VCBL-DH10t

Accessories

PART NUMBER	DESCRIPTION
0401-00556	Power Adapter Kit, 12V/1.5A
F1DN002R	Advanced secure LCD Desktop Controller for SKVM
F1D006	Mounting Bracket for F1DN102KVM-UN-3, F1DN202KVM-UN-3, F1DN104KVM-UN-3, F1DN104B, F1DN104C, F1DN104P, F1DN104K or F1DN204M
F1D008	Mounting Bracket for F1DN204KVM-UN-3, F1DN104E, F1DN104F, F1DN104W or F1DN104Q
F1DN005U	USB Smart Card/CAC Reader
8300-00765	Permanent CAC Cover Kit (Available only when installed on F1DN104KVM-UNN3, F1DN204KVM-UNN3 at the factory)
8300-00767	Permanent CAC Cover Kit (Available only when installed on F1DN102KVM-UNN3, F1DN202KVM-UNN3 at the factory)

Learn more at belkin.com/cybersecurity