

Secure Video Isolator

For increased security and isolation, the Belkin Video Isolator portfolio ensures unidirectional flow of video with no return channel.



The secure isolator prevents vulnerable peripherals and computers from attacking secure devices by ensuring video flows in a single direction without any back channel. By stopping host-to-peripheral direct access, the secure isolator eliminates data leakage and filters out irrelevant data from reaching sensitive computers. The isolator is designed to provide the highest possible computer and peripheral isolation, as required by government agencies, the military, financial institutions, and other security-sensitive customers.

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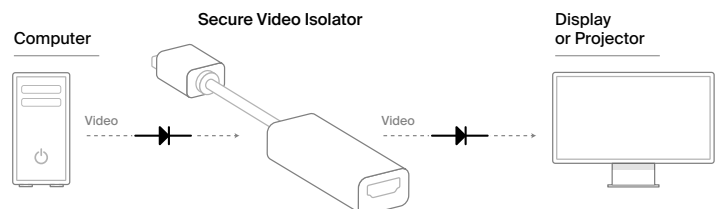
Shared displays and projectors are all vulnerable to cyber-attacks. Sharing peripherals such as displays between computers or video sources across different networks is a weakness that attackers can exploit. Malicious code and information originating from one network can be transferred via shared peripherals to a different network.

Secure meeting or control rooms often require the ability to combine sources with different classification levels into one display solution such as a projector in a meeting room which allows unsupervised guest laptops to be used in presentations.

The secure video isolators were designed to meet the requirements of organizations that need to provide secret or top-secret network access together with unclassified access.

Product Highlights

- **Highest security by design:**
The isolator is designed to support isolation of KVM and conference room equipment.
The Isolator is 100% hardware-based, meaning there is absolutely no dependency on firmware or software.
- **All firmware is in ROM (Read Only Memory).**
- **Ultra HD Connectivity:**
The secure isolator solves connectivity issues in work environments that include newer displays with native resolutions higher than 60Hz.
- **Display Plug & Play (EDID) protection:**
A fixed EDID module prevents any EDID negotiation. Patented emulation technology prevents signal leakage. Signaling attacks are prevented by design.
- **Tamper Evident Label:**
Special holographic tampering-evident labels on the product's enclosure provide a clear visual indication if the product has been opened or compromised.



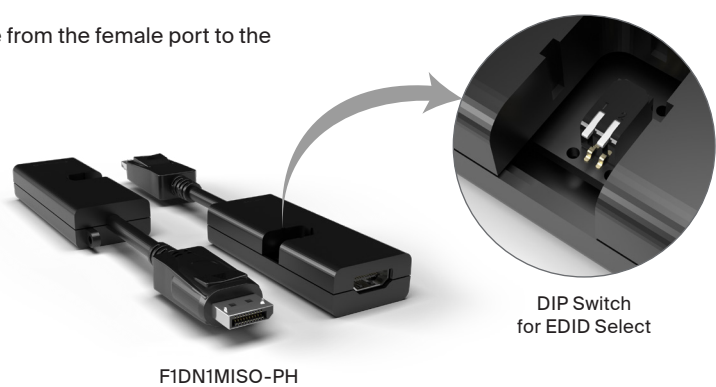
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Part Number	F1DN1MISO-HH	F1DN1MISO-HP	F1DN1MISO-PH	F1DN1MISO-PP
Console Ports				
Displays	1 x HDMI	1 x HDMI	1 x DP	1 x DP
Max Resolution (Input & Output)	1920X1080 @ 60Hz / 1920X1200 @ 60Hz / 3840X2160 @ 30Hz / 3440X1440 @ 30Hz (Selected by DIP Switch)			
Computer Ports				
Display Type	1 x HDMI	1 x DP	1 x HDMI	1 x DP
Physical				
Dimensions	22 (W) x 180 (D) x 14 (H) mm / 0.86 (W) x 7.0 (D) x 0.55 (H) inch			
Weight	250 gr / 0.55 lb			
Power				
Power Requirements	Powered by HDMI or DisplayPort			
Environmental				
Operating Temperature	32° to 104° F (0° to 40° C)			
Storage Temperature	-4° to 140° F (-20° to 60° C)			
Humidity	20 to 80% non-condensing; Storage – 10 to 90% non-condensing			
Software				
Supported OS	Windows, Linux, Mac			
General Info				
Product life-cycle	10 years			
Warranty	3 years			

Operation

- 1. Set the dip switch to the desired resolution, as shown in the illustration.
 - 2. Plug the Male end into the computer's female connector.
 - 3. Plug in the appropriate male-to-male cable from the female port to the display peripheral.
- * There is no power-on/off sequence.



Resolutions Switch

1920x1080	1920x1200
3440x1440	3840x2160

Learn more about Belkin’s cybersecurity solutions.



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