SC42DHU-3 is a secure 4-port 4K30 UHD DVI-I to HDMI KVM combiner. It enables users to share peripherals – keyboard, video, mouse, audio and USB – between two different security-level networks/computers while isolating all hosts and protecting against data leakage and malicious attacks through shared peripherals. It also enables assigning a USB port to a specific computer while switching other peripherals, such as when a USB smart card reader must remain mapped to a certain computer.

Advanced multiviewer and scaling capabilities enable increased productivity in environments that require viewing and interacting with many computers simultaneously. SC42DHU-3 provides the highest possible isolation between connected computers and is designed to meet the security requirements of government agencies, military, financial institutions, and similar security-sensitive customers.

FEATURES

- **Secure by Design** - Meets the security requirements demanded by government agencies, military, financial institutions, and similar security-sensitive customers
- **4K30 UHD Resolution** - Supports resolutions up to 3840×2160 @30Hz
- **Work Freely Without Compromising Security** - Control classified and non-classified computers without compromising security
- **Prevent Information Leaks** - Block peripheral exploits, information leaks, eavesdropping, signal transmission, computer malware, hardware and firmware tampering
- **Filter USB Peripherals** - Allow or block specific USB devices based on VID/PID characteristics
- **Biometric/Smart-Card Reader Support** - Connect a smartcard/biometric reader to the secure port to support user authentication across multiple isolated computers
- **Keyboard Lock Indication** - Caps Lock, Num Lock, and Scroll Lock indication on front panel
- **Native Touch Screen Support** - Interact with all connected computers using touch screen gestures, with no need for additional drivers or software. Compatible with standard Microsoft™ Digitizer driver-based touch screens without internal hubs
- **Flexible Display Layouts** - Resize source scaling and aspect ratio to create tile, scale and custom display layouts. Supports duplication and extended display view modes
## TECHNICAL SPECIFICATIONS

### CONSOLE PORTS:
- 2 HDMI connectors, 2 USB−A connectors for keyboard and mouse, 1 USB−A connector for USB devices, 2 DIN−5 connectors for PS/2 keyboard and mouse, 1 3.5mm mini jack for unbalanced stereo audio, 1 RJ45 connector for control (RDC)

### MAX OUTPUT RESOLUTION:
- 4K30 UHD (3840X2160 @30Hz)

### COMPUTER PORTS:
- 4 DVI−I (single−link/dual−link) connectors, 4 USB−B connectors for keyboard and mouse, 4 USB−B connectors for USB devices, 4 3.5mm mini jacks for unbalanced stereo audio

### MAX INPUT RESOLUTION:
- 1920X1200

### POWER REQUIREMENTS:
- 35W max

### AC INPUT:
- 100V to 240V AC

### POWER TYPE:
- External

### OPERATING TEMPERATURE:
- 0° to +40°C (32° to 104°F)

### STORAGE TEMPERATURE:
- −20° to +60°C (~4° to 140°F)

### HUMIDITY:
- 0% to 80%, RH non−condensing

### SUPPORTED OS:
- Windows, Linux, Mac

### WARRANTY:
- 3 years

### PRODUCT CERTIFICATION:
- CE, RCM, FCC class B, VCCI, TUV US, TUV Canada

### PRODUCT LIFE-CYCLE:
- 10 years