



# kramer

## SM80NU-3

HighSecLabs Secure 8-Port KM Switch

| C-KVM



SM80NU-3 is a secure 8-port KM switch. It enables users to share peripherals – keyboard, mouse, audio and USB – between four 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. SM80NU-3 provides the highest possible isolation between connected computers and is NIAP Common Criteria Protection Profile version 3.0 (PP3.0) certified

## FEATURES

**Highest Security by Design** - NIAP Common Criteria Protection Profile version 3.0 (PP3.0) certification for peripheral Sharing Switch (PSS) devices

**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

**Smooth Switching Between Computers (Virtual Display Technology)** - Automatically switch all peripheral control from one computer to another by dragging the cursor between each computer's display border

**Keyboard Lock Indication** - Caps Lock, Num Lock, and Scroll Lock indication on front panel

**Multiple Display Layouts** - Associate the cursor with each computer based on how its display is aligned (vertically or horizontally)

**Biometric/Smart-Card Reader Support** - Connect a smartcard/biometric reader to the secure port to support user authentication across multiple isolated computers



# kramer

## TECHNICAL SPECIFICATIONS

---

CONSOLE PORTS:	2 USB-A connectors for keyboard and mouse, 1 USB-A connector for USB devices, 1 3.5mm mini jack for unbalanced stereo audio, 1 RJ45 connector for control (RDC)
COMPUTER PORTS:	8 USB-B connectors for keyboard and mouse, 8 USB-B connectors for USB devices, 8 3.5mm mini jacks for unbalanced stereo audio
POWER REQUIREMENTS:	35W max
AC INPUT:	100V to 240V AC
POWER TYPE:	Internal
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
SECURITY CERTIFICATION:	NIAP Common Criteria PP3.0 for Peripheral Sharing Switch (PSS) devices
WARRANTY:	3 years
PRODUCT CERTIFICATION:	CE, RCM, FCC class B, VCCI, TUV US, TUV Canada
PRODUCT LIFE-CYCLE:	10 years
Product Dimensions	44.00cm x 19.20cm x 4.80cm (17.32" x 7.56" x 1.89" ) W, D, H
Product Weight	2.4kg (5.3lbs) approx
Shipping Dimensions	52.50cm x 27.50cm x 11.00cm (20.67" x 10.83" x 4.33" ) W, D, H
Shipping Weight	3.1kg (6.8lbs) approx