SM20N-3 is a secure 2-port KM switch. It enables users to share peripherals – keyboard, 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. SM20N-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)
TECHNICAL SPECIFICATIONS

CONSOLE PORTS: 2 USB−A connectors for keyboard and mouse, 1 3.5mm mini jack for unbalanced stereo audio, 1 3.5mm mini jack connector for control (RDC)

COMPUTER PORTS: 2 USB−B connectors for keyboard and mouse, 2 3.5mm mini jacks for unbalanced stereo audio

POWER REQUIREMENTS: 12V DC, 1.5A

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

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: 17.70cm x 8.20cm x 3.50cm (6.97” x 3.23” x 1.38” ) W, D, H

Product Weight: 0.5kg (1.1lbs) approx

Shipping Dimensions: 24.50cm x 20.50cm x 8.50cm (9.65” x 8.07” x 3.35” ) W, D, H

Shipping Weight: 0.8kg (1.8lbs) approx