

# CS1182/CS1184

## 2/4-Port USB DVI Secure KVM

The ATEN CS1182/CS1184 2/4-Port USB DVI Dual-Link Secure KVM Switches offers secure and reliable access for any government/military desktop environment where security is imperative by providing safe switching between computers operating on different secure networks. NIAP-certified according to Common Criteria's EAL2+ certification, the CS1182/CS1184 provides 2-port/4-port models for secure desktop workstation use.



Hardware security includes tamper-evident tape, chassis intrusion detection, and tamper-proof hardware, while software security includes restricted USB connectivity – non-HIDs (Human Interface Devices) are ignored when switching – an isolated channel per port that makes it impossible for data to be transferred between secure and unsecure computers, and automatic clearing of the keyboard buffer.

By combining physical security with controlled USB connectivity, the CS1182 / CS1184 gives you the means to consolidate multiple workstations of various security classification levels with one keyboard, monitor and mouse (KVM) console.

### Note:

1. The National Information Assurance Partnership (NIAP) is a United States government initiative to meet the security testing needs of IT consumers and manufacturers. It is operated by the National Security Agency (NSA) and the National Institute of Standards and Technology (NIST).
2. The CS1182/CS1184 additionally satisfies Evaluation Assurance Level 2+ (EAL2+) requirements for Peripheral Sharing Switch (PSS) for Human Interface Devices Protection Profile v2.1.

### ADVANTAGES

#### NIAP Common Criteria

- PPv2.1 security requirements
- EAL2+ security assurance level

#### Multilayered security

- Chassis Intrusion Detection – renders the CS1182/1184 inoperable when malicious tampering is detected
- Tamper-evident tape – indicates any attempt to physically access the switch's internal components
- Non-reprogrammable ROM – prevents reprogramming the switch's firmware
- Restricted USB connectivity – non-HIDs are ignored when switching

#### Channel Isolation

- Isolated channel per port – data cannot be transferred between computers

#### Cleared keyboard buffer

- Switch's keyboard data is automatically deleted after it has been transmitted

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