

TECHNICAL SPECIFICATIONS

USB	
Signal Type	USB 1.1 and 1.0 Keyboard and Mouse only. USB 2.0 for CAC connection.
USB Connectors	(8) USB Type B
User Console Interface	(2) USB Type A for keyboard/mouse connections; (1) USB Type A for CAC
AUDIO	
Input	(4) Connector stereo 3.5 mm female
Output	(1) Connector stereo 3.5 mm female
POWER	
Power Requirements	12V DC, 3A power adapter with center-pin positive polarity
ENVIRONMENT	
Operating Temp	32° to 104° F (0° to 40° C)
Storage Temp	-4° to 140° F (-20° to 60° C)
Humidity	0-80% RH, non-condensing
CERTIFICATIONS	
Security Accreditation	Common Criteria Validated To NIAP, Protection Profile PSS Ver. 4.0
OTHER	
Emulation	Keyboard, mouse, and video
User Controls	Front-panel buttons

WHAT'S IN THE BOX

PART NO.	QTY	DESCRIPTION
SA-KMN-4S-P	1	4-Port SH Secure KM with Audio and CAC Support
PS12VDC2A	1	12-VDC, 2-A power adapter with center-pin positive polarity.
	1	Quick Start Guide

NOTICE

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iPGARD™

SA-KMN-4S-P

4 Port secure KM switch



Advanced 4-Port Secure
Single-head KM Switch
with Audio and CAC Support

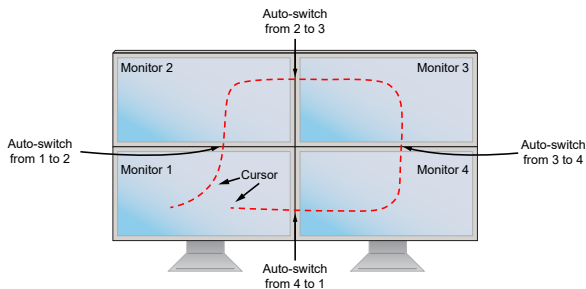
Quick Start Guide

A full manual can be downloaded from
www.ipgard.com/documentation/

INITIAL SETUP

After connecting all devices to the SA-KMN, a default display topology configuration and display mode will be in effect. By default the SA-KMN is configured to Single-Head mode and a topology with 4 screens arranged horizontally starting with port 1 on the lefthand side. If a different display topology configuration and display mode is desired. See the full manual for details on available settings.

The installation setup must match one of the SA-KMN's predefined display topology configurations. This can be selected through keyboard hotkey commands. Please refer to "Display Topology Configuration" in the full manual for the available display topologies. If one or more of the input computers have multiple displays, Multi-Head Display Mode must be selected. Otherwise, select Single-Head mode.



Optional display topology

SEE THE FULL MANUAL FOR MORE INFO.

A full Manual can be downloaded from www.ipgard.com/documentation/

INSTALLATION

SYSTEM REQUIREMENTS

1. iPGARD Secure PSS is compatible with standard personal/portable computers, servers or thin-clients, running operating systems such as Windows or Linux.
2. The peripheral devices that are supported by the KM are listed in the following table:

Console Port	Authorized Devices
Keyboard	Wired keyboard and keypad without internal USB hub or composite device functions, unless the connected device has at least one endpoint which is a keyboard or mouse HID class, KVM/KM extender;
Audio out	Analog amplified speakers, Analog headphones, Digital audio appliance.
Mouse/Pointing Device	Any wired mouse or trackball without internal USB hub or composite device functions, Touch-screen, Multi-touch or digitizer, KVM/KM extender.
User Authentication Device	Smart-card reader, PIV/CAC reader, Token or Biometric reader

HARDWARE INSTALLATION

1. Ensure that power is turned off or disconnected from the unit and the computers.
2. Use a USB cable (Type-A to Type-B) to connect a USB port on each computer to the respective USB ports of the unit.
3. Optionally connect a stereo audio cable (3.5mm to 3.5mm) to connect the audio output of the computers to the AUDIO IN ports of the unit.
4. Connect a USB keyboard and mouse in the two USB console ports.
5. Optionally connect stereo speakers to the AUDIO OUT port of the unit.
6. Optionally connect CAC (COMMON ACCESS CARD, SMART CARD READER) to the CAC port in the user console interface.
7. Power on the KM by connecting a 12VDC power supply to the power connector, and then turn on all the computers.

Note: The computer connected to port 1 will always be selected by default after power up.

Note: You can connect up to 4 computers to the 4 port KM.

