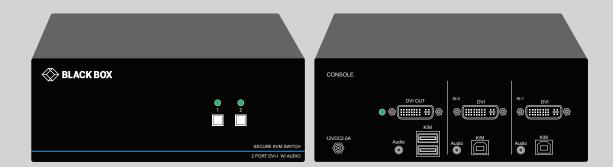
DATA SHEET

SS2P SINGLE-HEAD AND DUAL-HEAD SERIES

2-PORT SECURE KVM SWITCHES

24/7 TECHNICAL SUPPORT AT 877.877.2269 OR VISIT BLACKBOX.COM



SPECIFICATION COMPARISON CHART					
PRODUCT CODE	NUMBER OF PORTS	VIDEO CONNECTOR	DUAL-HEAD OR SINGLE-HEAD	CAC	USB EMULATION
SS2P-SH-DVI-U	2	DVI-I	SINGLE	NO	YES
SS2P-SH-DVI-UCAC	2	DVI-I	SINGLE	YES	YES
SS2P-DH-DVI-U	2	DVI-D	DUAL	NO	YES
SS2P-DH-DVI-UCAC	2	DVI-D	DUAL	YES	YES
SS2P-SH-DP-U	2	DISPLAYPORT	SINGLE	NO	YES
SS2P-SH-DP-UCAC	2	DISPLAYPORT	SINGLE	YES	YES
SS2P-DH-DP-U	2	DISPLAYPORT	DUAL	NO	YES
SS2P-DH-DP-UCAC	2	DISPLAYPORT	DUAL	YES	YES



2-PORT SECURE KVM SWITCHES DATA SHEET

INTRODUCTION

Black Box Secure KVM Switches are are NIAP 3.0 Certified and compatible with standard personal/portable computers, servers or thin clients running operating systems such as Windows or Linux.

FEATURES

- TESTED AND CERTIFIED TO NIAP PROTECTION PROFILE VERSION 3.0
- 4K ULTRA HD RESOLUTIONS
- OPTO-ISOLATED USB PORTS KEEP USB DATA PATHS ELECTRICALLY
 ISOLATED FROM EACH OTHER
- PROTECTED FIRMWARE KEEPS INTRUDERS FROM RE-PROGRAMMING OR READING THE FIRMWARE
- SECURE EDID LEARNING AND EMULATION
- KEYBOARD/INTERNAL CACHE WIPING
- EQUIPPED WITH INTERNAL ANTI-TAMPER SWITCHES

FIGURE 2. DUAL-HEAD DISPLAYPORT

SS2P-DH-DP-U

DP IN

DP OUT

AUDIO OUT

- TAMPER-EVIDENT SEAL
- CONFIGURABLE CAC PORT (ON MODELS EQUIPPED WITH CAC PORT)

USB IN

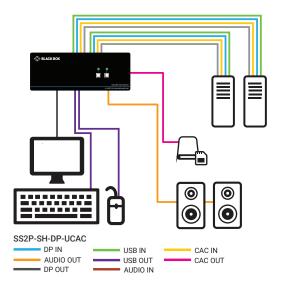
USB OUT

AUDIO IN

- CHASSIS INTRUSION PROTECTION
- LOCKING AC POWER SUPPLY

APPLICATION DIAGRAMS

FIGURE 1. SINGLE-HEAD DISPLAYPORT WITH CAC



ORDERING INFORMATION

ITEM CODE Secure KVM Switches 2-Port Single-Head Secure DVI-I KVM Switch with KB/Mouse USB emulation SS2P-SH-DVI-U Single-Head Secure DVI-I KVM Switch with KB/Mouse USB emulation and CAC SS2P-SH-DVI-UCAC Dual-Head Secure DVI-I KVM Switch with KB/Mouse USB emulation SS2P-DH-DVI-U Dual-Head Secure DVI-I KVM Switch with KB/Mouse USB emulation and CAC SS2P-DH-DVI-UCAC SS2P-SH-DP-U Single-Head Secure DP KVM Switch with KB/Mouse USB emulation Single-Head Secure DP KVM Switch with KB/Mouse USB emulation and CAC SS2P-SH-DP-UCAC Dual-Head Secure DP KVM Switch with KB/Mouse USB emulation SS2P-DH-DP-U Dual-Head Secure DP KVM Switch with KB/Mouse USB emulation and CAC SS2P-DH-DP-UCAC



SPECIFICATIONS

2-PORT SECURE KVM SWITCHES



SS2P-SH-DVI-U

SS2P-SH-DVI-U

2-PORT SECURE KVM SWITCHES WITH KB/MOUSE USB EMULATION AND W/WO CAC

WHAT'S INCLUDED WITH THE SWITCHES

- (1) 2-PORT SECURE KVM KVM SWITCH
- (1) 12-VDC, 3-A POWER SUPPLY
- (1) QUICK START GUIDE

VIDEO FORMAT DVI models: DVI-I dual-link HOST INTERFACE Single-Head DVI models: (2) DVI-I 29-pin female; Dual-Head DVI models: (4) DVI-I 29-pin female; Single-Head DP models: (2) DisplayPort 20-pin female: Dual-Head DP models: (4) DisplayPort 20-pin female USER CONSOLE INTERFACE Single-Head DVI models: (1) DVI-I 29-pin female; Dual-Head DVI models: (2) DVI-I 29-pin female; Single-Head DP models: (1) DisplayPort 20-pin female; Dual-Head DP models: (2) DisplayPort 20-pin female DVI models: 2560 x 1600 @ 60 Hz; 3840 x 2160 @ 30 Hz (with HDMI/DVI adapter); MAXIMUM RESOLUTION DisplayPort models: 3840 x 2160 @ 30 Hz DDC 5 volts p-p (TTL) Automatic INPUT EQUALIZATION INPUT CABLE LENGTH Up to 20 ft. (6.1 m) Up to 20 ft. (6.1 m) **OUTPUT CABLE LENGTH** USB SIGNAL TYPE USB 1.1 keyboard and mouse only Single-Head and Dual-Head DVI or DP models w/o CAC: (2) USB Type B; **USB CONNECTORS** Single-Head and Dual-Head DVI or DP models w CAC: (4) USB Type B Single-Head and Dual-Head DVI or DP models w/o CAC: (2) USB Type A for keyboard/mouse connections; USER CONSOLE INTERFACE Single-Head and Dual-Head DVI or DP models w CAC: (2) USB Type A for keyboard/mouse connections, (1) USB Type A for CAC AUDIO INPUT (2) 3.5-mm female stereo connectors OUTPUT (1) 3.5-mm female stereo connector POWER **POWER REQUIREMENTS** (1) 12-VDC, 3-A power adapter with center-pin positive polarity ENVIRONMENT OPERATING TEMPERATURE 32 to 104° F (0 to 40° C) STORAGE TEMPERATURE -4 to +140° F (-20 to +60° C) HUMIDITY 0 to 80% relative humidity, noncondensing OTHER EMULATION Keyboard, mouse and video **USER CONTROLS** Front-panel buttons Common Criteria validated to NIAP Protection Profile Version 3.0 CERTIFICATIONS

DISCLAIMER

Black Box Corporation shall not be liable for damages of any kind, including, but not limited to, punitive, consequential or cost of cover damages, resulting from any errors in the product information or specifications set forth in this document and Black Box Corporation may revise this document at any time without notice.

ABOUT BLACK BOX

Black Box is a world leading technology solutions provider specializing in complete high-performance KVM, professional A/V signal distribution and extension and switching solutions for mission-critical applications. Black Box is dedicated to delivering superior project engineering, technical support, and 24/7 customer service you can rely on for your most critical operations.

Every day, our customers trust us to design, integrate, and maintain reliable control room solutions for broadcasting, post-production, stadiums & arenas, medical, air traffic control, oil & gas, government & military, and utility industries. Leave the tech to us and our comprehensive technology solutions will deliver secure connections, fast-response times, real-time collaboration and more.

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