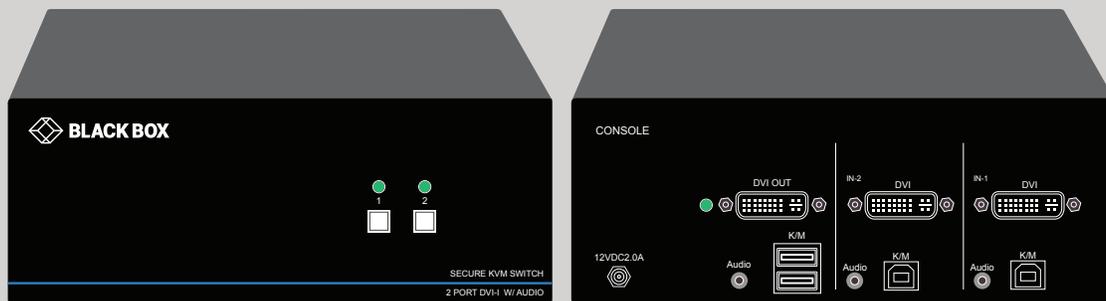


DATA SHEET

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



OVERVIEW

2-PORT SECURE KVM SWITCHES DATA SHEET

INTRODUCTION

Black Box Secure KVM Switches 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
- TAMPER-EVIDENT SEAL
- CONFIGURABLE CAC PORT (ON MODELS EQUIPPED WITH CAC PORT)
- CHASSIS INTRUSION PROTECTION
- LOCKING AC POWER SUPPLY

APPLICATION DIAGRAMS

FIGURE 1. SINGLE-HEAD DISPLAYPORT WITH CAC

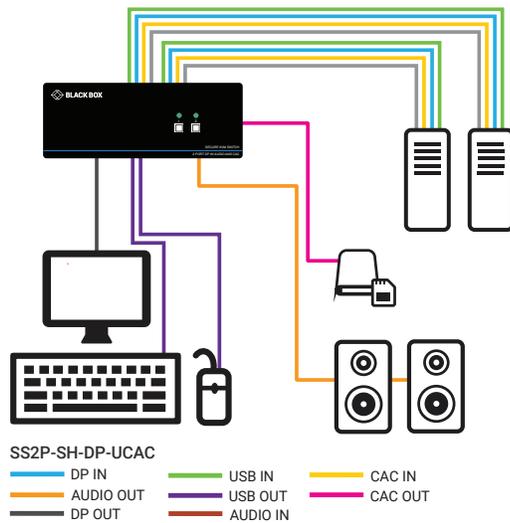
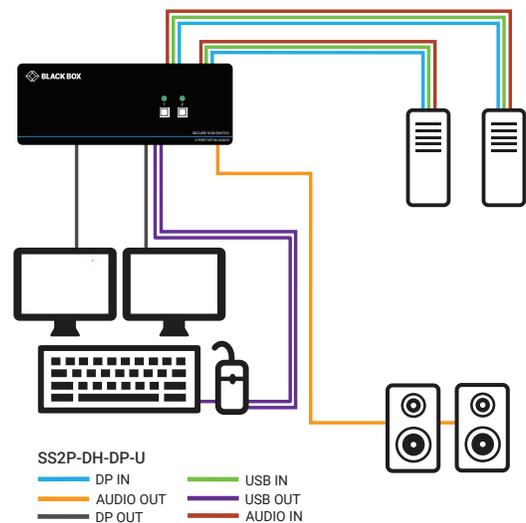


FIGURE 2. DUAL-HEAD DISPLAYPORT



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
Single-Head Secure DP KVM Switch with KB/Mouse USB emulation	SS2P-SH-DP-U
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

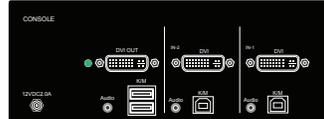
2-PORT SECURE KVM SWITCHES

FRONT VIEW



SS2P-SH-DVI-U

BACK VIEW



SS2P-SH-DVI-U

WHAT'S INCLUDED WITH THE SWITCHES

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

2-PORT SECURE KVM SWITCHES WITH KB/MOUSE USB EMULATION AND W/WO CAC	
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
MAXIMUM RESOLUTION	DVI models: 2560 x 1600 @ 60 Hz; 3840 x 2160 @ 30 Hz (with HDMI/DVI adapter); DisplayPort models: 3840 x 2160 @ 30 Hz
DDC	5 volts p-p (TTL)
INPUT EQUALIZATION	Automatic
INPUT CABLE LENGTH	Up to 20 ft. (6.1 m)
OUTPUT CABLE LENGTH	Up to 20 ft. (6.1 m)
USB	
SIGNAL TYPE	USB 1.1 keyboard and mouse only
USB CONNECTORS	Single-Head and Dual-Head DVI or DP models w/o CAC: (2) USB Type B; Single-Head and Dual-Head DVI or DP models w CAC: (4) USB Type B
USER CONSOLE INTERFACE	Single-Head and Dual-Head DVI or DP models w/o CAC: (2) USB Type A for keyboard/mouse connections; 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
CERTIFICATIONS	Common Criteria validated to NIAP Protection Profile Version 3.0

