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iPGARD DPMST-2S-P 2 Port Secure KVM MST with Dual 4K HDMI Out and CAC Support User Guide

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Contents

WHAT'S IN THE BOX

PART NO.	QTY	DESCRIPTION
DPMST-2S-P	1	**2 Port Secure KVM DP MST with Dual 4K HDMI Out and CAC support**
PS12VDC2A	1	**12-VDC, 2-A power adapter with center-pin positive polarity.**
	1	**Quick Start Guide**

EDID LEARN

NOTICE

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The KVM switch is designed to learn a connected monitor's EDID upon power up. In the event of connecting a new monitor to the KVM a power recycle is required. The KVM switch will indicate the unit's EDID learn process is active by flashing the front panel's LEDs in sequential order. Starting with the LED above button "1" on the front panel, each LED will flash green for approximately 10 seconds upon beginning the EDID learn. Once all the LEDs stop flashing, the LEDs will cycle and the EDID learn will be complete.
If the KVM switch has more than one video board (such as dual-head and quad-head models), then the unit will continue to learn the EDIDs of the connected monitors and indicate the progress of the process by flashing the next port selection green and blue push-button LEDs respectively.
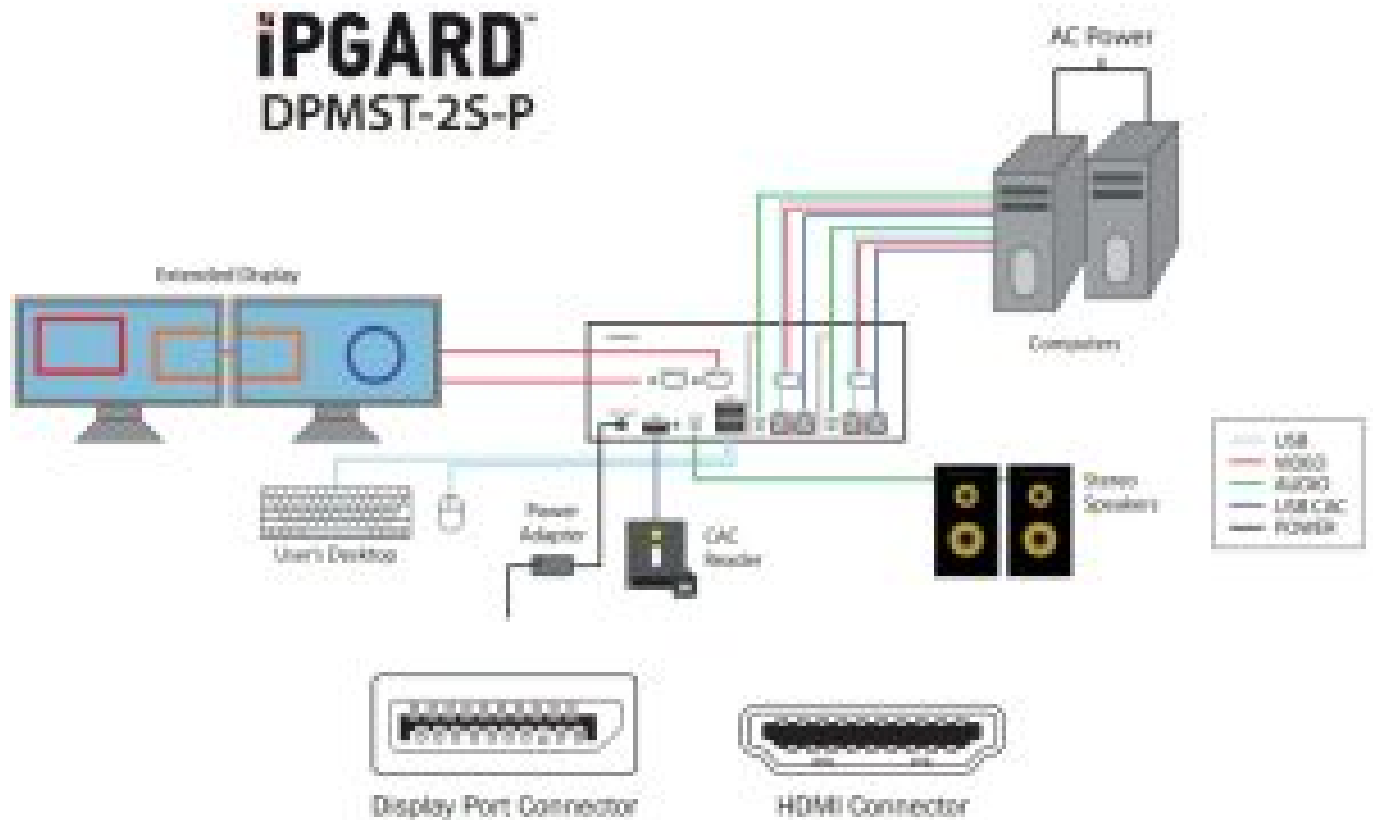A monitor must be connected to the video output port located in the console space at the back of the KVM switch during the EDID learn process.
If the read EDID from the connected monitor is identical to the current stored EDID in the KVM switch, then the EDID learn function will be skipped.

HARDWARE INSTALLATION

1. Ensure that power is turned off or disconnected from the unit and the computers.
2. Use Dispay Port cables to connect the Display Port output ports from each computer to the corresponding Display Port in ports of the unit.
3. 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.
4. Optionally, for CAC models, connect a CAC (Common Access Card, Smart Card Reader) to the CAC port in the user console interface.
5. Optionally, connect a stereo audio cable (3.5 mm to 3.5 mm) to connect the audio output of the computer(s) to the audio in ports of the unit.
6. Connect monitor(s) to the HDMI out console ports of the unit using HDMI cable(s).
7. Connect a USB keyboard and mouse in the two USB console ports.
8. Optionally, connect stereo speakers to the audio out port of the unit.
9. Finally, power on the secure KVM switch by connecting a 12-VDC power supply to the power connector, and then turn on all the computers.

Note: You can connect two monitors to the single-head KVM switch and four monitors to the dual-head KVM switch. The computer connected to port 1 will always be selected by default after power up.

TECHNICAL SPECIFICATIONS

VIDEO	
Fomat	**DisplayPortlia**
Input Interface	**(2) DisplayPort**
Output Interface	**(2) HDMI**
Input Resolution	**Up to 4K (3840 x 2160 @ 60 Hz)**
Output Resolution	**Up to 4K (3840 x 2010 030 Hz)**
DDC	**5 volts p-p (TTL)**
Input Equalization	**Automatic**
Input Cable Length	**Up to 20 ft**
Output Cable Length	**Up to 20 ft**
USB	
Input Interface	**(4) USB Type B**
Output Interface	**(2) USB 1.1 Type A for KM Devices**
Emulation	**USB 1.1 and USB 2.0 Compatible**
CAC **AUDIO** **Audio Input**	**Configurable USB 2.0 Port (2) 3.5mm stereo audio**
Audio Output	**(1) 3.5mm stereo audio**
CONTROL	
Front Panel	**Front panel SELECT buttons**
OTHER	
Power	**External 100240 VAC/ 12VDC2A @ 24W**
Dimensions	**8.8- W x 2.63″ H x 6.69″ 0**
Weight	**3.85 lbs**
Approvals	**NIAP PP 3.0, UL, CE, ROHS Compliant**
Operating Temp.	**32 to .104 °F (0 to +40°C)**
Storage Temp.	**-4 to 140°F (..20 to +60°C)**
Humidity	**Up to 80% (no condensation)**

DESIGNED AND MADE IN THE USA

Documents / Resources

	iPGARD DPMST-2S-P 2 Port Secure KVM MST with Dual 4K HDMI Out and CAC Support [pdf] User Guide DPMST-2S-P, 2 Port Secure KVM MST with Dual 4K HDMI Out and CAC Support, CAC Support, 2 Port Secure KVM MST, Dual 4K HDMI Out and CAC Support

References

- **Home | IPGARD**
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