

4K@144 5K@120
Variable Refresh Rate

VKSPA-S8K41 (4-Port) VKSPA-S8K21 (2-Port)



4/2-Port 8K DisplayPort 1.4 Switch with IR & Serial Control

► Specifications

Model	VKSPA-S8K41	VKSPA-S8K21
Number of Video Input	4	2
Video Input	DisplayPort 1.4 Female x 4	DisplayPort 1.4 Female x 2
Video Output	DisplayPort 1.4 Female x 1	
Audio Input	3.5 mm Audio Jack x 4	3.5 mm Audio Jack x 2
Audio Output	3.5 mm Audio Jack x 1	
LED Indicator	Power (Status)	x 1
	Video Input	x 4 / x 2
Video Resolution (Max.)* (Uncompressed, 8bit)	7680x4320@60Hz (4:2:0)	
	7680x4320@30Hz (4:4:4)	
	5120x1440@120Hz (4:4:4)	
	3840x2160@120Hz (4:4:4)	
Video Resolution (Max.)* (DSC)	7680x4320@60Hz (4:4:4)	
	3840x2160@144Hz (4:4:4) Other High Refresh Rates for 2K & 1080P	
Bandwidth (Max.)	32.4 Gbps (HBR3)	
Dynamic HDR	Yes	
Variable Refresh Rate (VRR)	Yes (Sync)	
HDCP Compliance	HDCP 2.2, HDCP 1.4	
Multi-Stream Transport (MST)	Yes (Pass Through)	
Serial Control	2.5mm Jack x 1, RS-232	
IR Control	IR Sensor x 1 (Front)	
Push Button Control	Port Selection x 4	Port Selection x 2
Operating Environment	Temperature 0~40°C, Humidity 0~80%	
Storage Temperature	-20~60°C	
Enclosure	Metal	
Power Supply (Max.)	DC 9~12V	
Dimension H x W x D (mm)	34 x 220 x 100	
Weight (g)	740	

* 8K DisplayPort Requires Good-Quality Cable for Best Image



VKSPA-S8K41



VKSPA-S8K21

► Connection Pattern



► Features

- Allows User to Select 1 DisplayPort Video from 4/2 DisplayPort Sources
- DisplayPort 1.4 Video Supports Most Popular Resolution Up to :
 - 7680x4320@60Hz (4:4:4)
 - 5120x1440@120Hz (4:4:4)
 - 3840x2160@144Hz (4:4:4)
- Variable Refresh Rate Technologies and High Refresh Rate Supported
- HDR10 Support for Highly Dynamic Lighting and Shadow Effects Gives Optimum Visual Experience
- Provide 3 ways to Control The Unit via
 - (1) Front Panel Push Button
 - (2) IR Remote Control
 - (3) Serial Control
- LED Indicators Show The Status of Video Inputs
- HDCP 2.2 / 1.4 Compliant
- DisplayPort Multi-Stream Transport Compliant (Pass Through)
- Perfectly Suitable for Gaming, Media, Medical, Education, Control Center, & Military Applications

► Product Family

Model	MAX. Resolution	Port
VKSPA-S8K21	7680x4320@60Hz (4:2:0) 7680x4320@30Hz (4:4:4)	2
VKSPA-S8K41	3840x2160@120Hz (4:4:4)	4
VKSPA-S6G21	3840x2160@60Hz (4:4:4)	2
VKSPA-S6G41	3840x2160@60Hz (4:4:4)	4
VSPA-S201	2560x1600@60Hz (4:4:4)	2
VSPA-S401	2560x1600@60Hz (4:4:4)	4