

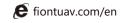
## Synchronous controller DS-VP-K100-7U



## Feature:

- 1. Adopts 7U standard chassis
- 2. Equipped with LCD panel and function shortcut operation buttons
- 3. Supports up to 8 input card slots and 8 output card slots, and can be matched with any board type
- 4. Supports Gigabit Ethernet port or 10G optical port integrated LED sending card output, and a single card can load up to 6.5 million pixels
- 5. Maximum load of a single unit: 52 million pixels. The widest is 32767 pixels, or the highest is 32767 pixels
- 6. Supports input frame rate of 23.98Hz to 144Hz, and output display of 23.98Hz to 120Hz screen
- 7. Supports 8/10bit Video source input, supports output of 8/10bit images
- 8. Supports custom names for input sources, and real-time monitoring of online status
- 9. Supports arbitrary settings of output ports within the device control area, without being affected by cross-board cards
- 10. Supports up to 32 high-definition screen displays, and the position and size can be freely adjusted
- 11. Supports video source Genlock synchronization phase lock and input source internal phase lock
- 12. Supports high-bandwidth digital content protection technology (HD interface. of HDCP protocol
- 13. Supports independent cropping of each input source, which can form a new input source after cropping without affecting the original signal source
- 14. Supports independent color adjustment of each input source, and can customize brightness, contrast, saturation, brightness compensation, color temperature and RGB independent adjustment
- 15. Supports overall color adjustment of the device output screen, and can customize brightness, contrast, saturation, brightness compensation, color temperature and RGB independent adjustment
- 16. Supports group brightness adjustment of network port output, and independently manages the brightness of different screens
- 17. Supports redundant backup of single device output port and redundant backup between multiple devices
- 18. Supports scrolling subtitle display, and can customize text content, font format, font size, moving direction, moving speed, background color, etc.
- 19. Supports background image display, and can upload high-resolution pictures as background image display. The maximum width or maximum height of the background image display can reach 32767 pixels
- 20. Supports input source logo management, setting text or picture logo
- 21. USB, LAN, RS232 multiple control connection methods, support computer and central control device control
- 22. Supports Web-side control, compatible with Windows, iOS, Android, and Linux platforms
- 23. Supports saving 128 scenes and automatic timing patrol of scenes
- 24. Supports U disk upgrade program, image file, Logo, font library







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- 25. Supports multiple users to access at the same time and manage equipment
- 26. Supports dual power supply backup and output signal redundant backup (optional power supply.
- 27. Supports temperature alarm, disconnection reminder, etc
- 28. Supports a full range of receiving cards and fiber transceivers
- 29. Supports working voltage: AC100-240V, 50/60Hz

## **Specification:**

Input type	[4K input] Maximum 4096×2160@60Hz; 2-in-1-4K input sub-board: 1 DP1.4 + 1 HDMI2.0 (2-in-1); Single DP1.2, single HDMI2.0 input sub-board
Input type	[2K input] Maximum 1920×1200@60Hz; 2K-H DMI input daughter board: 1 card 4 channels, 2K-DVI input daughter board: 1 card 4 channels, 3G-SDI input daughter board: 1 card 4 channels
Output type	[Network port output] 8-channel network port output daughter board: 1 card 8 channels, single card maximum 5.24 million pixels; 10-channel network port output daughter board: 1 card 10 channels, single card maximum 6.5 million pixels
Output type	[Optical port output] Optical port output daughter board: 1 card 2 channels (1 main 1 backup), single card maximum 6.5 million pixels
Output type	[Video output] DVI output daughter board: 1 card 4 channels HDMI output daughter board: 1 card 4 channels
Pre-monitoring back to graphics card	2 channels HDMI1.4 can be connected to the monitor