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

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