

AMS-SC359

13 Channels video processor & splicer

3 Channels splicing、1group channel monitor

AMS-SC359 Standard

AMS-SC359S Extending SDI

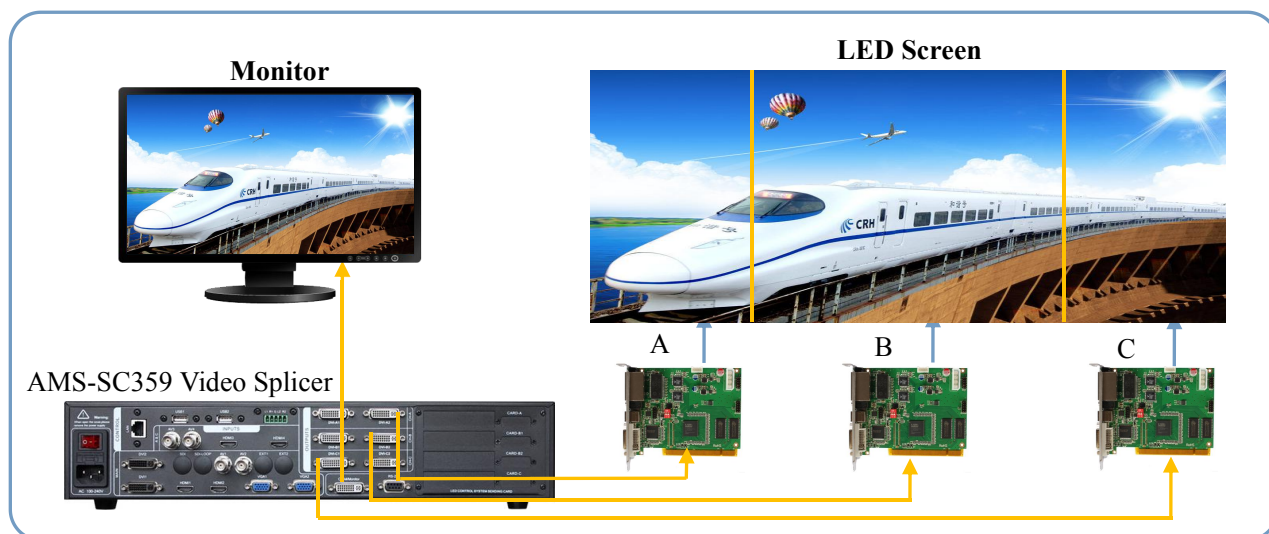
- Intelligent Splicing
- Vertical Synchronization
- Splicing Monitor
- Three View Splicing Roam

- ▶ Seamless switching video wall controller
- ▶ 13 Channels digital-analog video input
- ▶ 3 channels splicing、1 channel monitor
- ▶ Max output resolution:11520 x 640 @60Hz、6912 x 1152@60Hz、3072 x1920@60Hz
- ▶ 7.95 million pixel custom resolution
- ▶ Three view roamed across channels
- ▶ Support SDI input、SDI Loop out
- ▶ Mode save and recall
- ▶ One key black screen and freeze
- ▶ Computer rs232 control
- ▶ Support 6 standard sending cards

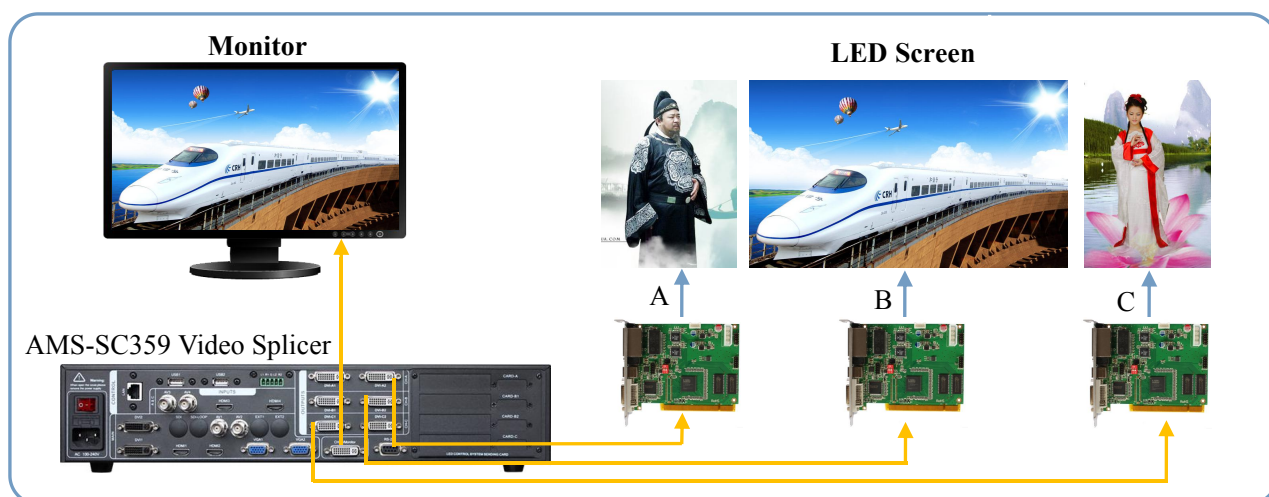


Introduction

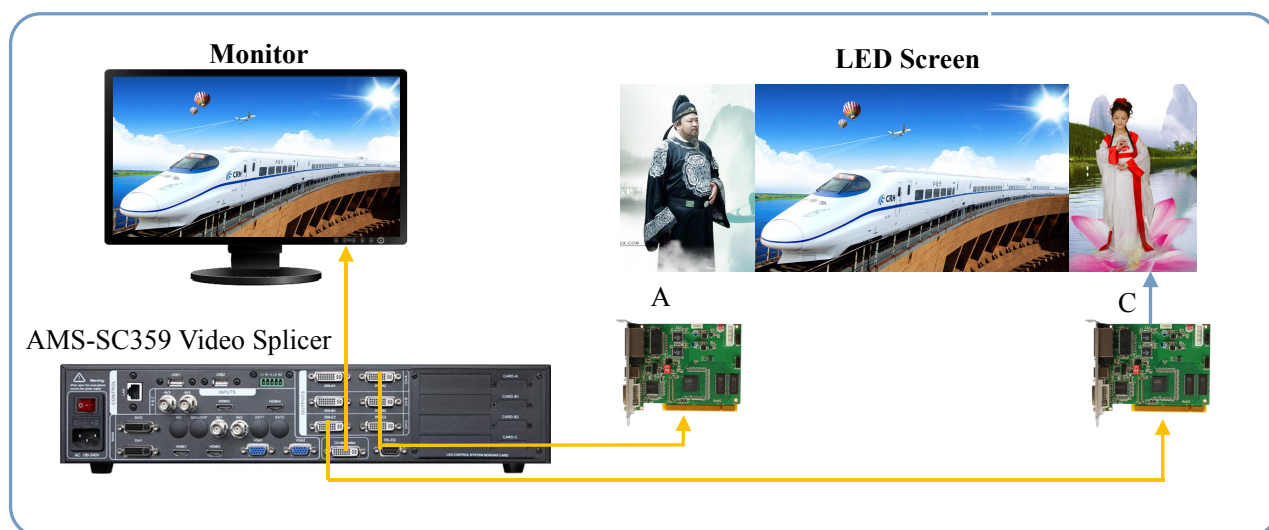
Application 1: A、B、C output channels splicing Led screen, Channel M connect monitor.



Application 2: Drive three Led screen with different resolution, Channel M connect monitor.



Application 3: A、C output channels splicing Led screen, Channel M connect monitor.



Parameters

Video Input		
Input Source	4_Composite video PAL、NTSC、PAL-M/N、SECAM 2 VGA VESA standard, Max 1920x1080@60Hz 2 DVI VESA standard, Max1920x1080@60Hz 4 HDMI 480i/p、576i/p、720p、1080i/p、 Color depth support 8、10、12bit 1SDI（optional）1080p 60/50/30/25/24/25(PsF)/24(PsF) 720p 60/50/25/24 1080i/1035/625/525 line	
Connector	6 BNC_socket Composite video input SDI input 2 pcs15 pins HD socket RGB input 2 DVI-I socket DVI input 4 HDMI socket HDMI input	
Resolution range	640x480~1920x1080 480i/p、576i/p、720p、1080i/p、 2048x1080 Point-point Sampling; Blanking	
Video Processing		
Analog sampling	Each color 12 bit ;13.5 MHz (Video) 170 MHz (RGB)	
Digital pixel data bit depth	Each channel 8、10 or 12 bit; 2 Channels for HDMI 3GHz Standard（SDI）	
Video Output		
Out Source	7 DVI Digital Video (VESA standard) 1 SDI-LOOP	
Connector	6 DVI-I socket DVI_Programming output, 1 DVI-I socket Monitor output interface 1 BNC socket SDI-LOOP output	
Output resolution （Parameters shows max resolution, less resolution compatible）	Output A or B or C or M	
	1024×768@60Hz 1024×1580@60Hz 1580×1024@60Hz 1440×900@60Hz 1536×1536@60Hz 1600×1200@60Hz 1920×1080@60Hz 1920×1200@60Hz	2048×640@60Hz 1024×1920@60Hz 1920×1580@60Hz 1580×720@50Hz 1920×1080@50Hz 2048×1152@60Hz 2304×1152@60Hz 2560×960@60Hz 3840×640@60Hz
	Customized resolution: A&B&C @60Hz: 265*3=795（万像素） 3840x1920@60Hz 4608x1536@60Hz 2560x2880@60Hz	

General Specifications		
Power	Internal power: 75W 100～240V AC, 50～60Hz	
Temp/Humi	Storage: -40 ~ +70 °C / 10% ~ 90%, Non-condensing Working: 0 ~ +50 °C / 10% ~ 90%, Non-condensing	
Machine Size	485mm (length) x 355mm (width) x 100mm (Height)	
Packing Size	540mm (length) x 460mm (width) x 200mm (Height)	
Net weight (Machine)	5.0kg	
Net weight (Packing)	6.5kg	
Certification standards EMI/EMC	FCC, ROHS CE	
MTBF	30,000 hours	
Warranty	1Year 3 Years components and labor NOTE: All average nominal voltage of ± 10%	
Model	Description	PIN
AMS-SC359	Standard	AMS-SC3591810
AMS-SC359S	with SDI input output	AMS-SC358S1810S

