

AMS-SC358

11 Channels video processor & splicer

2 Channels splicing 1group channel monitor

AMS-SC358 Standard

AMS-SC358S Extending SDI

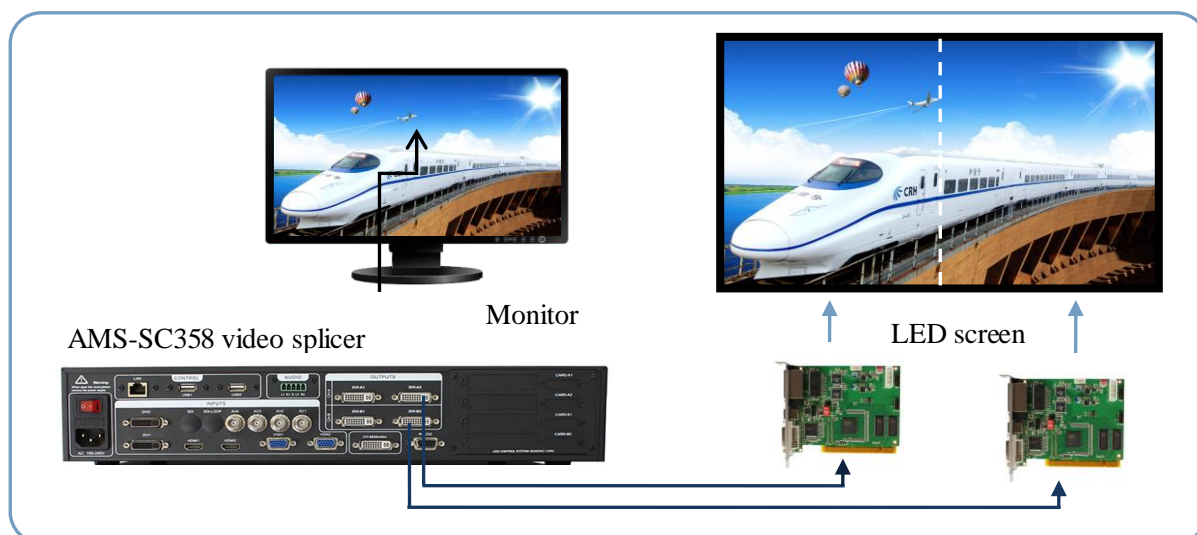
- Intelligent Splicing
- Vertical Synchronization
- Splicing Monitor
- Dual View Splicing Roam

- ▶ Seamless switching video wall controller
- ▶ 11 Channels digital-analog video input
- ▶ 2 channels splicing, 1 channel monitor
- ▶ Max output resolution:
7680 x 640 @60Hz、4608 x 1152@60Hz
- ▶ 5.3 million pixel custom resolution
- ▶ Dual view roamed across channels
- ▶ Support SDI input
- ▶ Mode save and recall
- ▶ One key black screen and freeze
- ▶ Host computer control and timing switch function
- ▶ Support 4 standard sending cards

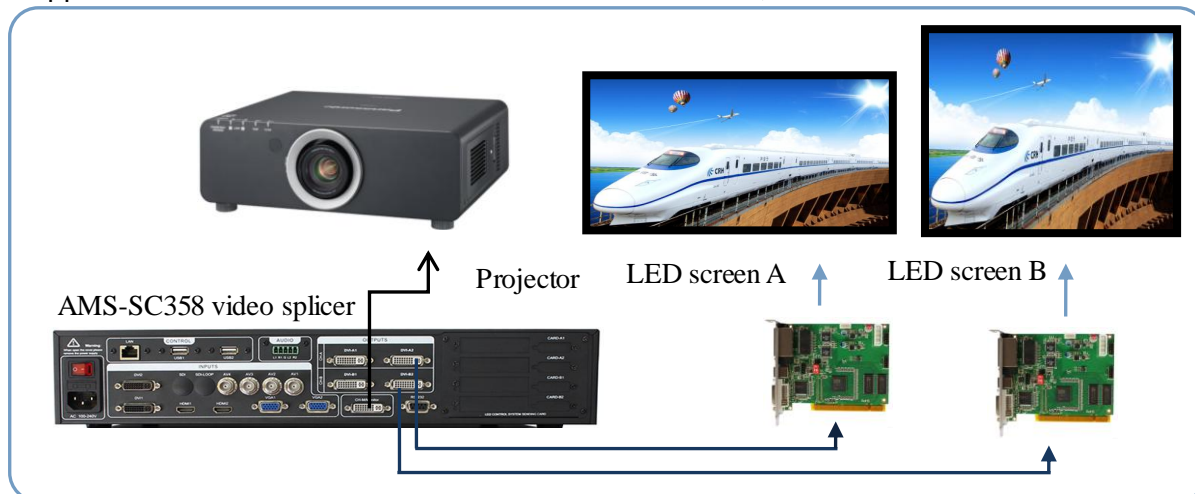


Introduction

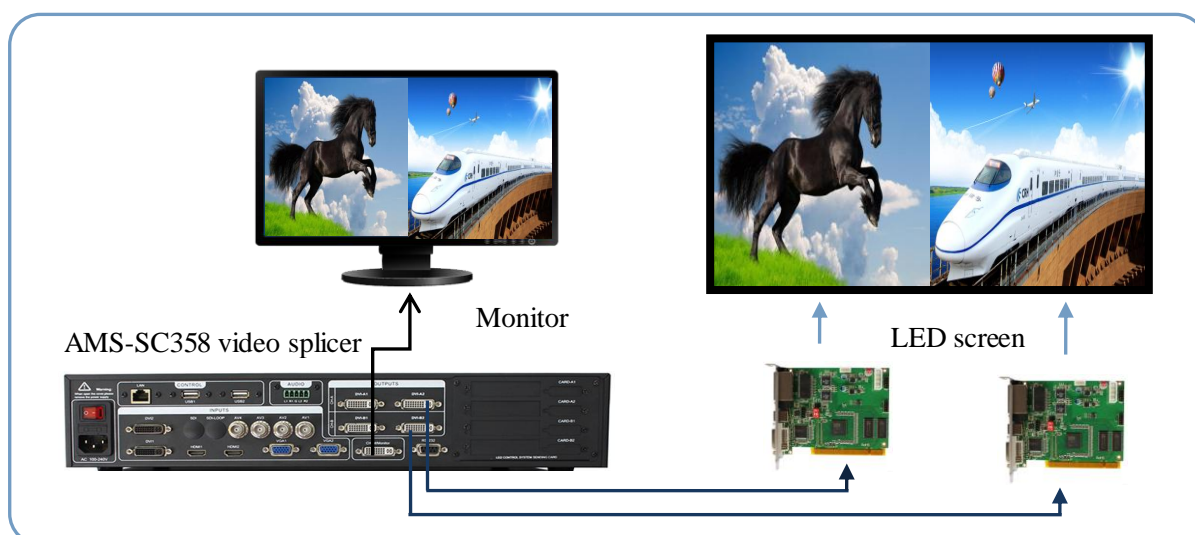
Application 1:A、B output channels splicing Led screen, Channel M connect monitor.



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



Application 3: Dual view any size and location after splicing, Channel M connect monitor.



Video Input		
Input Source	4_Composite video 2 VGA 2 DVI 2 HDMI 1SDI（optional）	PAL、NTSC、PAL-M/N、SECAM VESA standard, Max 1920x1080@60Hz VESA standard, Max1920x1080@60Hz 480i/p、576i/p、720p、1080i/p、 Color depth support 8、10、12bit 1080p 60/50/30/25/24/25(PsF)/24(PsF) 720p 60/50/25/24 1080i/1035/625/525 line
Connector	5 BNC_socket 2 pcs15 pins HD socket 2 DVI-I socket 2 HDMI socket	Composite video input SDI input RGB input DVI input 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	1 VGA 5 DVI 1 SDI-LOOP	RGBHV, RGBS, RGsB Digital Video (VESA standard)
Connector	4 DVI-I socket 1 DVI-I socket 1 BNC socket	DVI_Programming output, Monitor output interface SDI-LOOP output
Output resolution （Parameters shows max resolution, less resolution compatible）	Output A or B or M	
	1024x768@60Hz 1024x1580@60Hz 1580x1024@60Hz 1440x900@60Hz 1536x1536@60Hz 1600x1200@60Hz 1920x1080@60Hz 1920x1200@60Hz	2048x640@60Hz 1024x1920@60Hz 1920x1580@60Hz 1580x720@50Hz 1920x1080@50Hz 2048x1152@60Hz 2304x1152@60Hz 2560x960@60Hz 3840x640@60Hz
	Customized resolution: A&B @60Hz: 265*2=5.30（mega-pixel） 3840x1380@60Hz 7680x640@60Hz 2560x1920@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 98mm (Height)	
Packing Size	540mm (length) x 4560mm (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	P/N
AMS-SC358	Standard	AMS-SC3581809
AMS-SC358S	with SDI input	AMS-SC358S1809

