



Shenzhen MINE Technology Co., Ltd

4G Video Encoder | 4G Bonding Router



## Mine R8 Bonding Video Switcher

### A. Mine R8 Bonding Video Switcher

1. Input : 2 HDMI ; 2 SDI ; 4 RTMP/RTSP Pull
2. 7 Inch FHD touch screen monitor
3. 1 HDMI out for a large screen monitor
4. 256G TF card for long time recording
5. 2 Sim card slot, 1 USB dongle
6. 5 link bandwidth aggregation at the same time

R8 is an affordable, user-friendly and flexible broadcast bonding video switcher, support 3G-SDI,HDMI, RTMP etc. All the sources can see simultaneously on one 7 inch touch screen, and makes easy for your team to run a professional live broadcast event.



- |                                 |                          |
|---------------------------------|--------------------------|
| 1 Live Stream Monitor           | 4 Setting Button         |
| 2 Program Source Preview        | 5 Selection Cut Button   |
| 3 Multi-Video Camera Monitoring | 6 Quick Switching Button |



Specification		Audio	
Model	Mine R8	Input	3.5mm External Audio Input
Name	Multi-network bonding portable live broadcast platform	Output	3.5mm Audio Monitoring
Video Input	2 HDMI	Built-in	Built in Speaker
	2 SDI		
	4 RTMP	<b>Encoding Mode</b>	
		Video compression format	H.264/H.265+
Control Mode		Audio compression standard	AAC
Touch-screen	7inch Full HD	Recording Format	MP4
APP	APP Remote Control	Audio Input Format	8kHz~192kHz
		Video Input Format	480i:720×480i@59.94i 576i:720×576@50i 720p:1280×720@25p/30p/50p/60p/120p 1080p:1920×1080@50i/60i 1080p:1920×1080@25p/30p/50p/60p
<b>Recording Storage</b>			
Storage Mode	TF Card		
TF Storage	Max 128G		
		Live resolution	480×270; 640×360; 848×480; 960×540; 1280×720;1920×1080 (Bi-rate can adjustable)
<b>Power</b>			
Power Charge	12V, 3A	Recording resolution	Max 1080p60
Working Duration	4 hours		
Battery-built in	7.4V/8000mAh	Mobile App	
Max Power	18W	Operation	Above Android 5.0 & iOS 9.0

## B. Mine R8 Basic Parameters



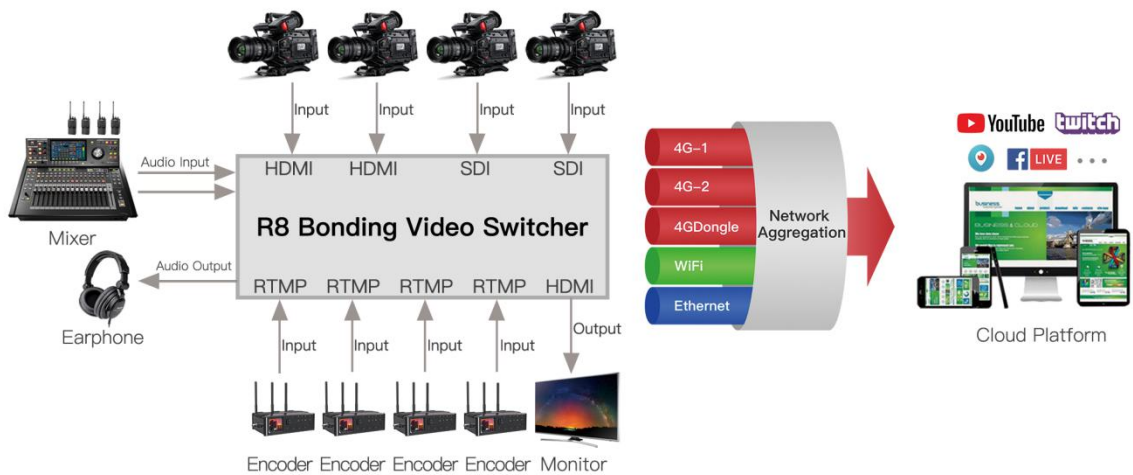
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		System	
		Language	Simplified Chinese / Traditional Chinese / English
<b>Structure</b>			
Weight	1450g	<b>Transmission</b>	
Size	215mm*175mm*30mm	Protocol	RTMP/RTSP/TS/HLS
<b>Network</b>		<b>Working Environment</b>	
Wi-Fi	Double frequency 2.4G/5.8G	Working temperature	0°C~45°C
Network Mode	4G (FDD/TD-LTE)	Working humidity	15%-85%, No condensation
SIM Card Mode	NanoSIM Card*2	Storage temperature	5°C~40°C
Ethernet	Gigabit network port		
USB	USB 3.0		

### C. Mine R8 Diagram





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## D. Mine R8 Features

### 8-Channel To Meet Ultimate Experience

FIRST POINT

Support multi-camera switching, monitoring, mixing, tuning, recording, logo, subtitle online to meet the needs of various live events



2 SDI Input



2 HDMI Input



4-Channel RTMP





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## Five-link Bandwidth Aggregation Signal Stability

THIRD POINT

Private professional aggregation algorithm, multi-link aggregation technology integrates all network links into a high-bandwidth transmission channel so that your live broadcast is no longer limited, and advanced intelligent dynamic rate adjustment technology, easily against the harsh network environment.



Dual Sim Port



Industrial Level  
2.4G/5.8G WiFi



Gigabit Ethernet  
Port



USB 3.0 Port





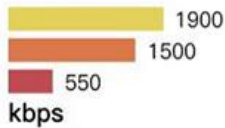
### H 265+ Low Birate High Quality

#### FOURTH POINT

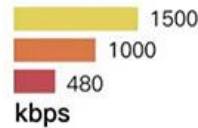
Advanced coding, professional image processing technology, and higher resolution quality. Compression efficiency improved 30% and make down live broadcast costs.



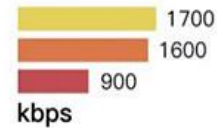
Outdoor



Indoor



Low lighting



■ H.264   ■ H.265   ■ H.265+



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## HDMI Video Loop Out Screen projection

FIFTH POINT

Live broadcast screen can be output via HDMI, suitable for real-time projection display of various live events such as concerts, conferences, video conferences, etc.









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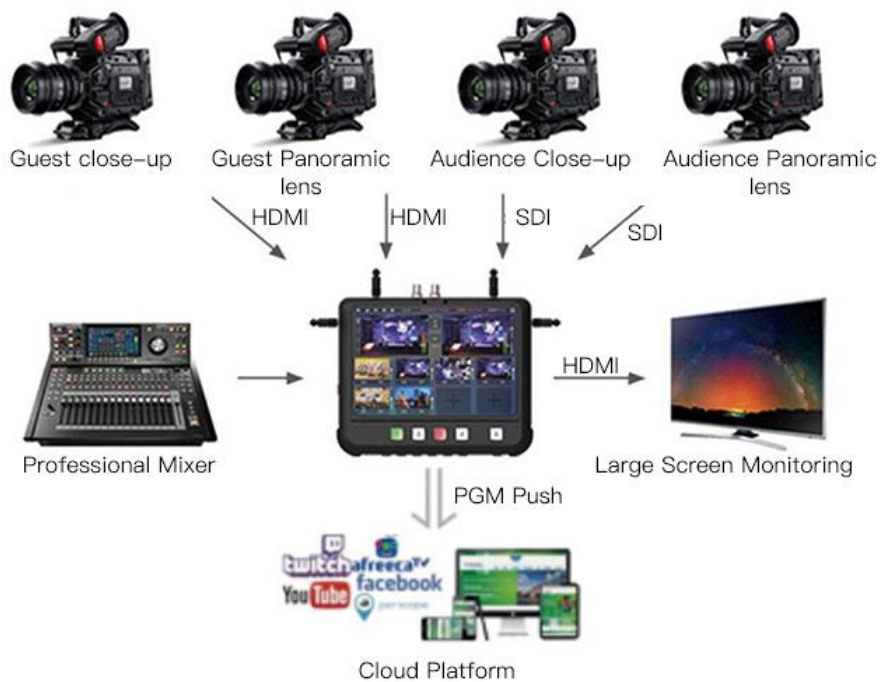
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## Interview Program Live Broadcast

Core requirements: 1. Multi-Video Camera 2. Lip sync

Solution: 1. Multi-channel ethernet connect 2. Picture sync  
3. Lip sync





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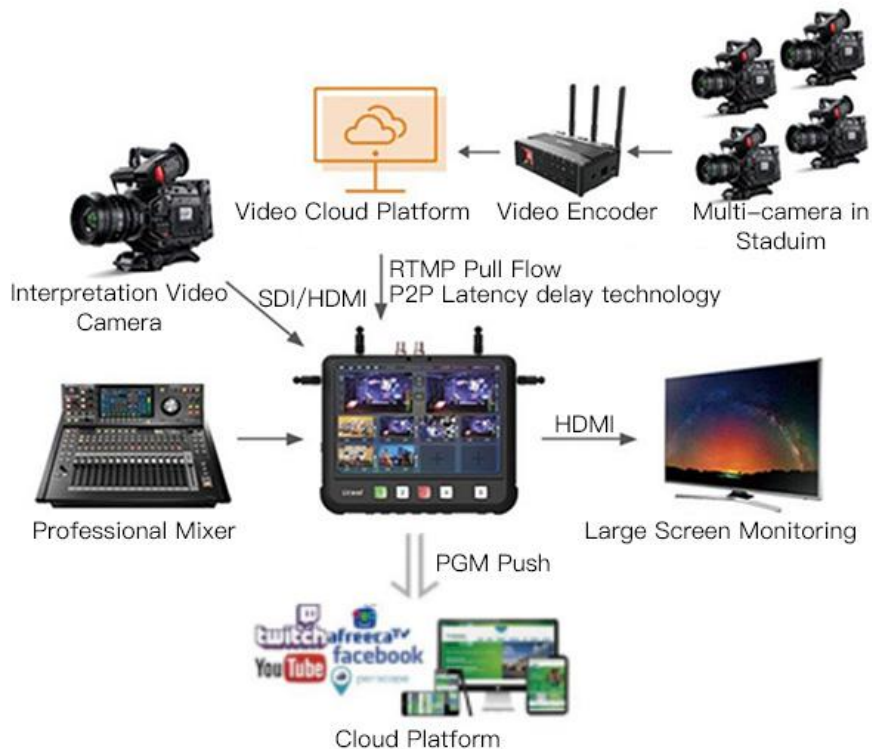
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## Sports Event Live Broadcast

Core requirements: 1. Multi-camera remote video transmission 2. Studio commentary 3. Quick switch, mixing and Playback

Solution: 1. Multiple remote pull flow 2. Interpret the sound and picture synchronization and output PGM 3. Mixing





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ready 2018-09-08 10:15:02

# Local Video.Picture Backup Video Play

It is suitable for video playback, product display, advertisement insertion, instructional recording and other applications.

Picture.jpg

Video.mp4

切换

渐变

256 GB

56%



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Easily switch between Horizontal and Vertical live modes according to your needs !

Multi-camera 9:16 vertical screen broadcast,  
breaking the mobile phone live single-position limit, multi-angle rich screen.

Apply to **TikTok** live stream, etc.,  
and easy for character close-up, live with goods, etc.





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### E. Mine R8 Package

35*29*13 (cm)	3.0 KG Goods Weight	4.0 KG Measure Weight
		



Mine R8 Bonding Video Switcher Port Diagram



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# R8 Accessories



R8 Main Unit



Package



WiFi Antenna



4G Antenna



Power Supply



Guarantee



Sim Adapter



User Manual