

17.3" 6CH SDI/ HDMI PORTABLE VIDEO SWITCHER

Revolutionize your live streaming with the Video Switcher,
the all-in-one solution for live streamers.

SHARK S6 PLUS





17.3 FHD LCD

Portable Design with

Multiple Inputs & Outputs

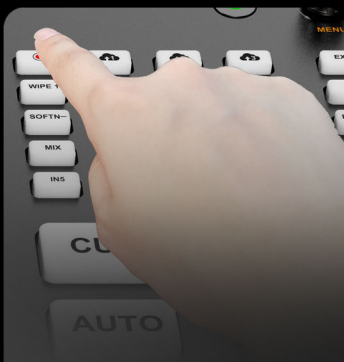
SDI

4K
HDMI

HDMI

Support Macro

MACRO



Professional Audio Processing



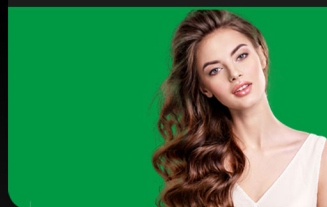
Convenient PTZ Camera Control



Live Stream Via Ethernet or USB Capture



Luma key, Chroma key, PIP, DSK and LOGO



High Quality Recording

17.3" FHD IPS Screen

A built-in 17.3 -inch FHD IPS screen that clearly displays PVW, PGM, audio bar, multiview, audio settings, PTZ camera settings, FN key configurations, etc.



 1

PROTOCOL

VISCA-IP

PT SP.

100

ZOOM SP.

50

FOCUS SP.

50

OPERATE

Direction

MACRO

Stop

SPEED1

0.5s

REC

USB

00:00:00

STREAM1

Stop

STREAM2

Stop

STREAM3

Stop

Timer

00:00:00

Run Time

00:00:59



F1

Rec M1

Call M1

F2

Rec M2

Call M2

F3

Rec M3

Call M3

F4

Rec M4

Call M4

F5

Rec M5

Call M5

F6

Rec M6

Call M6

R1

PT

Speed

R2

Red

Gain

R3

IRIS

192.168.123.49



PGM

0

ON

IN1

0

ON

IN2

0

ON

IN3

0

ON

IN4

0

ON

IN5

0

ON

IN6

0

ON

MIC1

0

ON

MIC2

0

ON

EAR

0

ON

 56.9G
58.0G

 30.8°C

14:12:58

2025-08-20

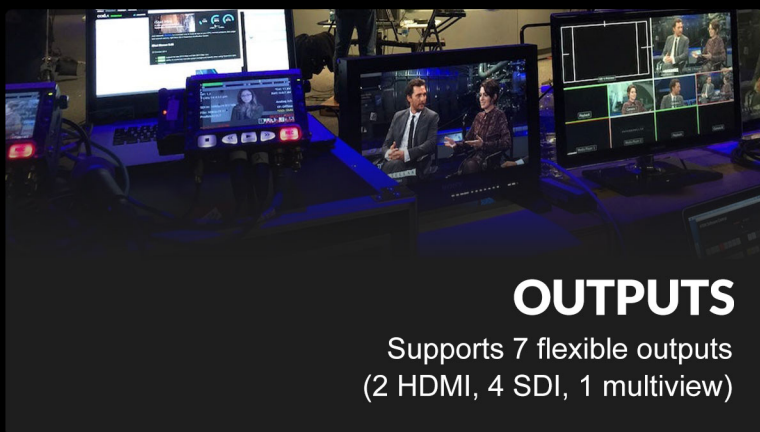
Versatile Inputs and Outputs

This switcher supports 6 inputs (4 SDI, 2 SDI/HDMI) and 7 flexible outputs (2 HDMI, 4 SDI, 1 multiview), handling up to 4K60 HDMI signals. It allows flexible source selection and configuration, ensuring high adaptability for professional production.



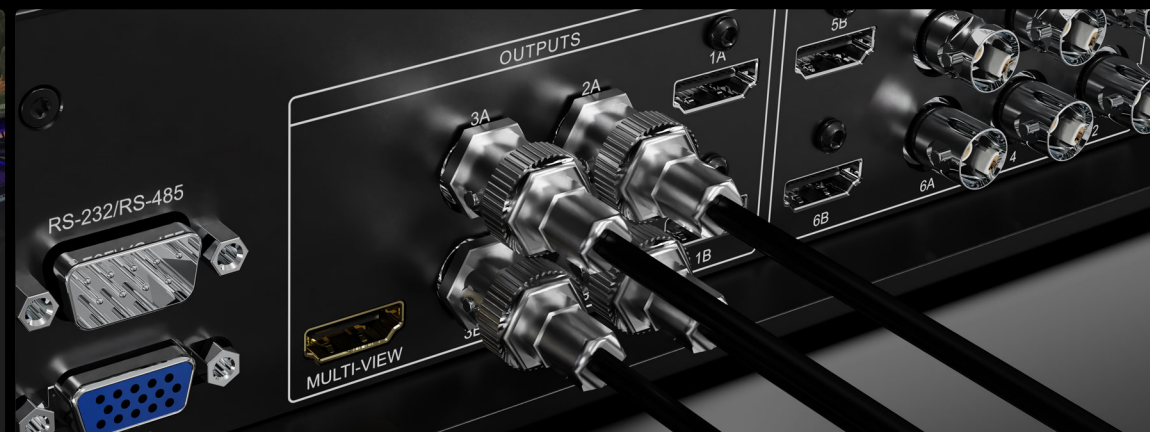
INPUTS

supports 6 inputs (4 SDI, 2 SDI/HDMI)



OUTPUTS

Supports 7 flexible outputs
(2 HDMI, 4 SDI, 1 multiview)



Convenient PTZ Control

The switcher features a PTZ controller supporting pan, tilt, zoom, and gain via RS232/RS485 and LAN. It controls up to 6 IP cameras and supports VISCA, ONVIF protocols.



Professional XLR Audio and 48V Phantom Power

The switcher features professional XLR input/output, supporting XLR, TRS, also it comes with 48V phantom power for condenser mics. User can configurate AFV, audio mixing and 500ms audio delay, making it ideal for professional productions.

TRS Input

TRS input interface offering great flexibility for connecting various audio devices such as instruments, or mixers.

XLR Input

XLR input interface is a standard for professional audio equipment.

Audio out

XLR output interface is the output for switcher audio signals, suitable for connecting speakers, etc.



Advanced Keyer Functions

The switcher integrates 3 powerful upstream keys for users to configure PIP, LUMA Key, Chroma Key freely and DSK, logo overlay. Position and size of these keys can be easily adjusted through the buttons or menu knob.



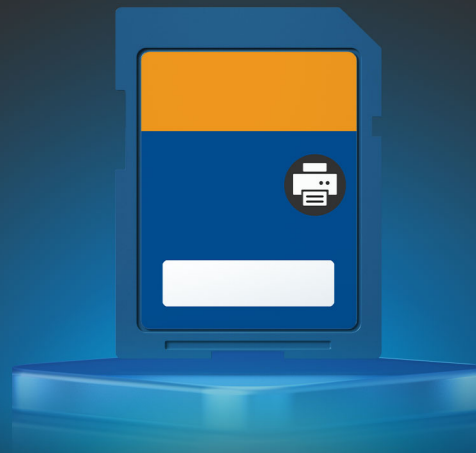


USB DISK

USB recording enables direct audio/video storage on a flash drive without extra setup. It's simple, portable, and widely compatible.

SD CARD

SD card is a convenient option for switcher recording. Its compact size makes it highly portable, and its read/write speeds are sufficient.



Build-in Recording

This switcher supports 1080p60 recording at up to 32Mbps via SD card, USB, offering professional-grade storage in MP4 and TS formats for seamless workflow integration.

Uncompressed USB Capture

The USB Type-C port functions can be used as a webcam, supporting uncompressed video and audio capture. It streams to various software and platforms including OBS, vMix, ZOOM, Teams, and VLC, and is compatible with Windows, Linux, and Mac systems. Capture Support RGB32, YUY2, NV12.



OBS Studio



VLC
MEDIA PLAYER



vMix

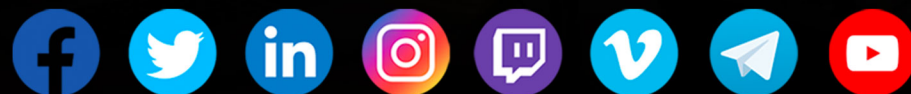


Teams



Live Stream Via LAN Port

The LAN port supports IP streaming transmission through the RTMP protocol, allowing users to easily live stream video programs to platforms such as YouTube, Skype, Facebook, and Twitch, and get high-quality videos.



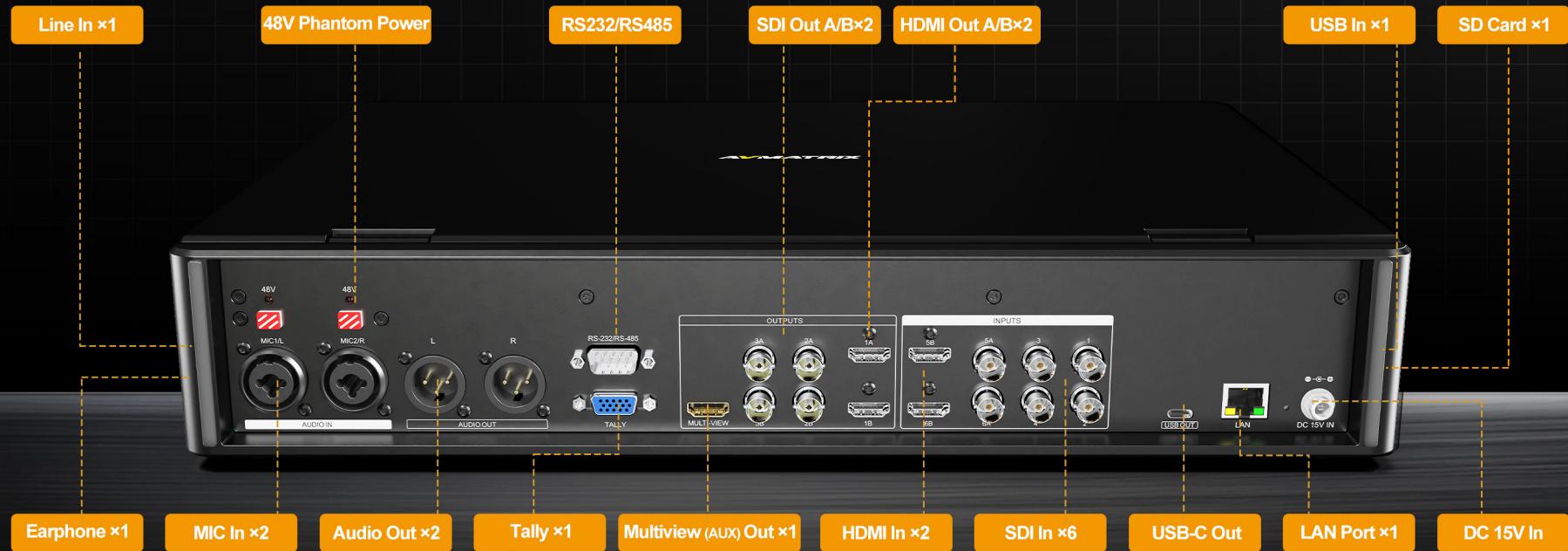
Streamline Your Production with Macro

Users can execute recorded macros to replay a series actions with a single click, streamlining complex operations and boosting live production efficiency and professionalism.



Rich Interfaces

The interface is hidden in the case, which can protect the interface from being damaged.



PTZ Control

The camera can be controlled by the knob to realize the functions of pan, tilt, zoom, focus, gain, iris, shutter and so on.

Audio

Support audio mixing, AFV mode, volume adjustment and MASTER/ PHONE / PGM audio control.

Key

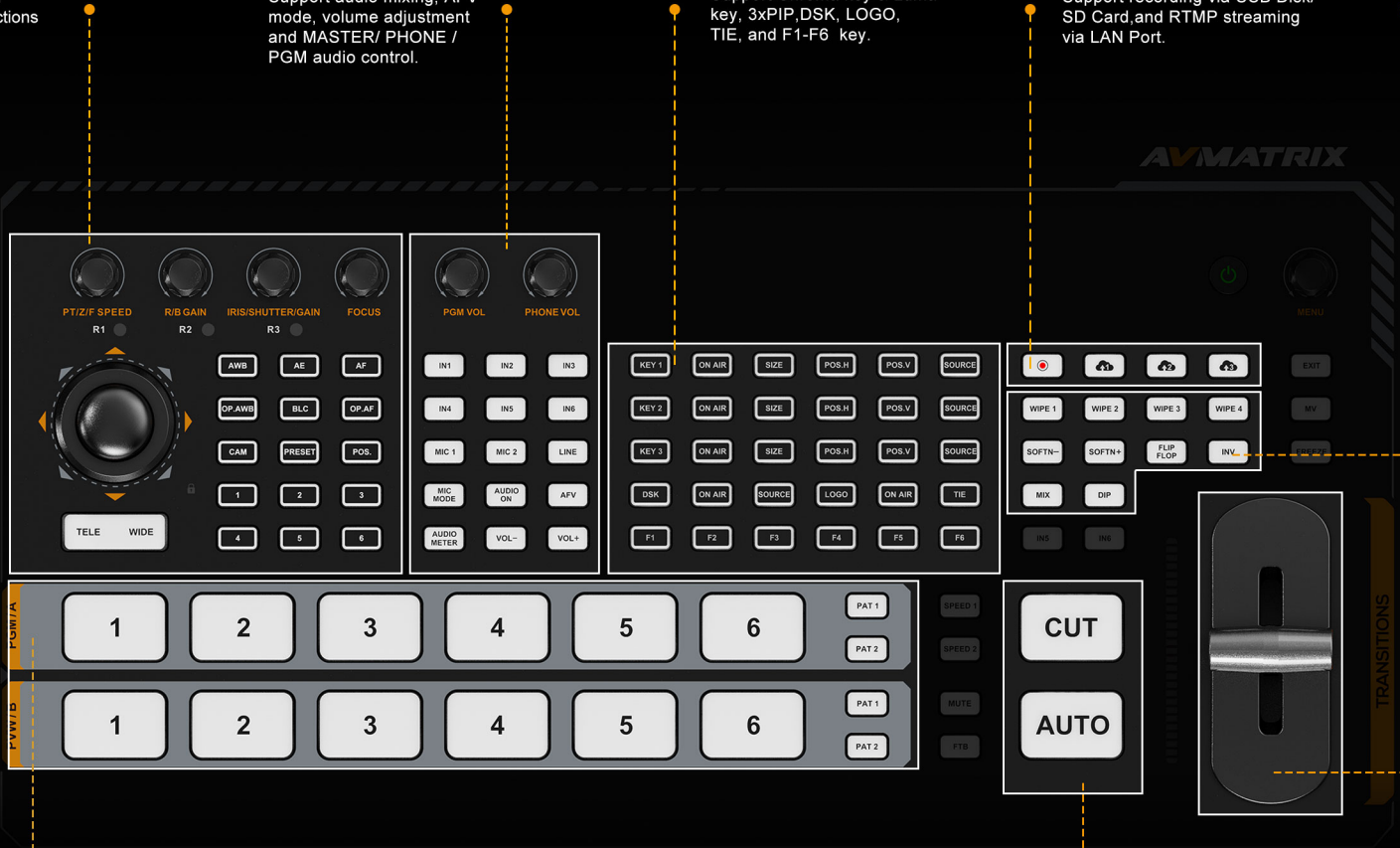
Support Chroma key & Luma key, 3xPIP,DSK, LOGO, TIE, and F1-F6 key.

Record & Streaming

Support recording via USB Disk/ SD Card, and RTMP streaming via LAN Port.

Transition Effects

Support (11×3) × WIPE, MIX, DIP transition effects.



PGM/PVW(A/B)

Selecting the signal source for PGM or PVW. In A/B mode, the function of PVW & PGM is determined by the position of the fader.

CUT/AUTO

Automatic and fast switching. It also swap the functionality of the AUTO and CUT buttons.

T-Bar

The fader can be enabled or disabled for switching.

Extensive Applications

All-in-one audio video switchers can be used in a wide range of live events such as live sports, virtual studios, churches, home entertainment, weddings, concerts, etc.



Wedding



Live Sports



Broadcast



Live Concert



Church

SPECIFICATIONS

CONNECTIONS	
Video In	3G-SDI×6, 4K HDMI×2
Video Out	HDMI(A/B, PGM)×2, SDI(A/B, PGM)×4, HDMI(Multiview)×1, USB-C(UVC)×1
Audio In	XLR/TRS×2, +48V phantom power, 3.5mm TRS(Line)×1
Audio Out	XLR× 2, 3.5mm TRS(Line)×1, 3.5mm TRS(Earphone)×1
Network Port	LAN×1(Stream, PC control, PTZ control, Upgrade)
USB Port	USB type-C×1(For Capture) USB type-A×1(For Record, Configuration/Media Import/Export)
Tally Port	DB-15×1
Serial Port	RS232/RS485×1, PTZ camera control
Record Port	USB disk slot×1, SD card slot×1
STANDARDS	
SDI Inputs	1080p 60/59.94/50/30/29.97/25/24/23.98
	1080psF 30/29.97/25/24/23.98
	1080i 60/59.94/50
	720p 60/59.94/50/30/29.97/25/24/23.98
HDMI Inputs	625i 50, 525i 59.94
	4K 60/50/30, 2K 60/50/30
	1080p 60/59.94/50/30/29.97/25/24/23.98
	720p 60/59.94/50/30/29.97/25/24/23.98
SDI Outputs	576p 50, 480p 60/59.94
	1080p 60/59.94/50/48/47.95/30/29.97/25/24/23.98
HDMI Outputs	1080i 60/59.94/50
	1080p 60/59.94/50/47.95/48/30/29.97/25/24/23.98, 1080i 60/59.94/50
Video Sampling	SDI: YUV 4:2:2 10bit; HDMI: YUV, RGB full, RGB limit
Color Space	SDI&HDMI: Rec 709, Rec 601
STREAM & RECORD	
USB Capture Out	YUY2, NV12, RGB32, Up to 1080p60 (Max 200Mbps) Supports OS: Windows 7/8/10/11, Linux(Kernel version 2.6.38 and above), Mac OS(10.8 and above) Software compatibility: OBS studio, Skype, ZOOM, Teams, Youtube Live, etc.
Stream	Bite rate: Up to 32Mbps Storage format: USB disk, SD card
Record	File format: MP4/TS, Up to 1080p60(32Mbps) Rate control: CBR/VBR
Protocol	Push Stream: RTMP PTZ control: Visca, Onvif, Pelco D/P

MEDIA	
Media Format	Video: MP4, TS Image: JPG, PNG, BMP, JPEG, Max 1920×1080 pixels Logo: JPG, PNG, BMP, JPEG, Max 650×650 pixels
FEATURES	
Display	17.3 inch FHD LCD display
Macro	20, Support record and playback
Keys	Up to 6 overlay, Adjustable size and position 1. Upstream Key×3: Chroma Key/Luma Key/PIP 2. Downstream Key×1: DSK ×1 3. Logo ×1
Audio Mixer	Up to 8 channel audio mixer(Video×6+XLR/TRS×2)
POWER & OTHERS	
Power	Wide Voltage Support: 9V - 24V; Working: DC 15V, 50W max
Temperature	Working: 0℃~60℃, Storage: -30℃~70℃
Dimension(LWD)	433×307×75.5mm
Weight	Net: 5240g



Accessories



15V 4A Power Adapter



USB3.0 Type-C Cable



Tally Connector(DB-15)