



Spark Mini Series

Spark Mini series live broadcast terminal is a high-performance live broadcast terminal specially designed for modern lightweight live broadcast needs in the Univiso live broadcast product family. It integrates broadcast-grade HEVC/AVC video compression algorithm and intelligent multi-link aggregation technology, and realizes low power consumption and low latency miniaturization design while ensuring high-definition audio and video transmission.

Spark Mini supports HDMI and USB audio and video acquisition, and it can be widely connected with common portable video recording devices; at the same time, it integrates i-Mux aggregation transmission engine, providing up to 8 network real-time aggregation capabilities; the USB-C interface design can be easily connected to USB-C video recording devices, or connected to USB-C battery life, providing strong guarantee for uninterrupted long-life live broadcast; at the same time, it provides hotspot access while providing WiFi aggregation access, and can conveniently manage the device and assist PTZ control directly through mobile phones or computers. SparkMini will become your strongest helper for normalization and professionalism of live broadcast with its small, fast, flexible and stable characteristics.

Main function:



8 network aggregation
Stable transmission



HDMI and USB
Dual interface acquisition



WiFi access
AP mode
(only for local web)



LCD screen, cloud Web,
local Web
Three management methods



Live mode
Rec & Live mode



UVC protocol camera
remote control



Built-in battery
Battery life greater
than 4 hours



Multiple streaming
formats push
RTMP, SRT, HLS...



USB-C/USB-A
Multiple interfaces



External TF card
Hot plug and play



Cold shoe mount/
shoulder bag
Easy to carry



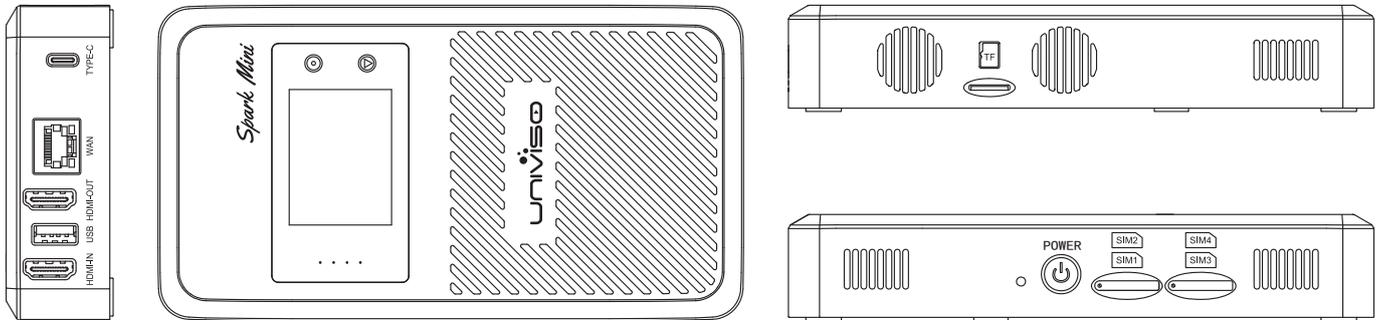
Automatic screen lock
Anti-mistouch protection

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Spark Mini Series | Portable HD mobile encoder & transmitter

Technical Specifications:



Product Model	Spark Mini 5G	Spark Mini 4G
Network Connection	Up to 8 network links: Internal 1*5G modem+3*4G modems External 2*USB Expansion Modems 1*WIFI+1*LAN	Up to 8 network links: Internal 4*4G modems External 2*USB Expansion Modems 1*WIFI+1*LAN
Management	LCD screen, cloud web, local web	
Matching server	Spark Cloud Platform: eu.univiso.tv ind.univiso.tv	
AV Connectors	Input: 1*HDMI-1.4, 1*USB-A, 1*USB-C Output: 1*HDMI-1.4	
Aggregation	Univiso's proprietary i-Mux aggregation engine	
Bitrate	CBR/VBR, up to 15Mbps	
Video Encoding	HEVC(H.265), AVC(H.264)	
Formats	1080P60/59.94/50/30/29.97/25, 1080I60/59.94/50, 720P60/59.94/50/30/29.97/25, NTSC/PAL	
Audio Coding	AAC-LC, AAC-HE	
Audio bitrate	64/128/192/256/320kbps	
Audio Sampling	48K/44.1K	
Color depth and chroma	8bit 4:2:0 BT.709	
Local Storage	Standard 64GB SD card, external SD card can be replaced, supports hot swap	
Working Mode	Live mode, Rec & Live mode	
Streaming Protocol	Push stream: HLS, RTMP/RTMPS, SRT, UDP-TS, RTSP Pull Stream: HLS, RTMP, SRT	
WiFi	Support STA/AP mode working at the same time	
Size	175*95*32mm	
Weight	580g	
Power Supply	USB-C: 5V-3A、9V-3A、12V-2.5A、15V-2A、20V-1.5A	
Power consumption	≤16W	
Battery capacity	50Wh, can be used for about 4 hours	
Operating temperature	-15~45°C	