

## Sumavision SDM V2.0 Platform (Software Defined Media)

- High Quality H.265 4K HD SD Stream Processing Stack



Front Panel

### Product Introduction

The latest evolution of Sumavision's market-leading SDM2.0 stream processing platform, the high-density platform is an ideal solution for transcoding, encapsulation, streaming of SD, HD and UHD video. The compact 1-RU system delivers the flexibility to support any-to-any transcoding, linear ad splicing—and a wide variety of video processing applications. By adding the optional high-performance CX12® base with SCU200B processing node, the SDM platform also supports complex encapsulation applications for the delivery of both broadcast and next-generation multiscreen services.

Sumavision SDM system consists of transcoding streaming processing (xStream2020/2030/2210), streaming media gateway (xStream2300) and cluster management control system (xManager2000), and it can choose multiple devices to achieve encoding and transcoding function to multichannel video and audio or live stream according to the actual needs

### Features

- 1RU modular design chassis with 3 slots
- 6 nodes installed 6 separate OS, flexible operation scenario
- Support totally 5 x 1GigE port on front panel and 4 x 1GigE port per processing module(totally 29G data throughput)
- Up to **36HD/120SD** services transcoding
- Video format:MPEG-2, AVC/ H.264 , H.265, AVS+
- Audio format: SMPTE302M, MPEG-1 Layer2/Layer3, AAC LC, HE AAC v2, Dolby Digital, Dolby Digital Plus, DDP7.1, DDP5.1, DRA
- Multi-resolution: 1080P, 720P, D1、CIF、QCIF、QVGA
- Support UDP-TS, HTTP-TS, HTTP-FLV, RTMP-FL, HLS, HDS, SRT, Smooth Streaming, RTSP-RTP etc.
- Service backup, Ports backup, modules backup, devices backup, system backup, 1+1,N+1, N+M
- Easy to use web-based interface simplifies installation and remote management, centralized management system, simple and flexible

### Contact Us

**SUMAVISION TECHNOLOGIES CO., LTD**

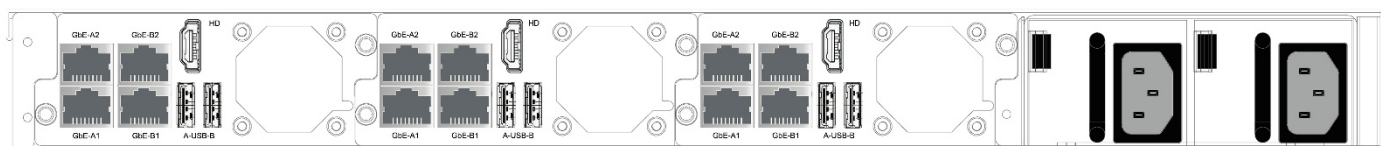
Tel: +86-10-82345859/69/70

Fax: +86 10 62978800

Email: [worldmarket@sumavision.com](mailto:worldmarket@sumavision.com)

Website: [www.sumavision.com](http://www.sumavision.com)

**Sumavision Confidential**



**Rear Panel**

## Representative Performance

### Maximum Density

	HD	SD
<b>H.264</b>	<b>36</b>	<b>120</b>
<b>HEVC*</b>	<b>30</b>	<b>90</b>

\*External Hard disk can be installed on each node. (2.5Inch, 500G)

## Contact Us

### SUMAVISION TECHNOLOGIES CO., LTD

Tel: +86-10-82345859/69/70 Fax: +86 10 62978800

Email: [worldmarket@sumavision.com](mailto:worldmarket@sumavision.com) Website: [www.sumavision.com](http://www.sumavision.com)

**Sumavision Confidential**