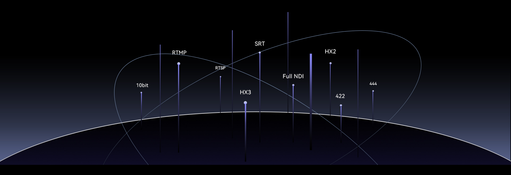
SCIENCE IMAGE

VELA RACK SDI

12G-SDI/UHD
Multi-Protocol Codec/Recorder/Live

MULTI-PROTOCOL

Support RTMP/RTSP/SRT/Full NDI/HX2/HX3、10bit/422/444



ENCODING/DECODING SIMULTANEOUSLY

The unique mix and audio in one device is the world that encodes 4 12G-SDI/HDMI video stream and decodes the 4 12G-SDI/HDMI video, etc., and decodes the NDI PGM returning back live as well as remote simultaneously, cameraman can monitor the return signal in real-time and sync with director.

EXTRAORDINARY PERFORMANCE

Vela Rack SDI has high quality video encoding and up-streaming applied in multi-person remote video connections/conferences/vocal concert...etc, while decoding live streams simultaneously and display to the large screen by HDMI output, truly achieve the broadcast level

3.4" WIDE FLIP TOUCH-SCREEN SMART, ULTIMATE, INTEGRATED

With a 3.4 inch large-sized flip touch screen integrated in a small device, high brightness , 960x413 high resolution, nature color displayed, smooth, friendly and sensitive operation UI, plenty & convenient functional area arrangement, long life span designing.

Speaker, intercom / Stereo / Audio monitor integrated in the front panel, all operations freely released.

4K RECORDER CONVENIENT, POWERFUL

Insert Science Image High-Speed SSD, tap TFT slightly to record every exciting images, freely encode different format(HD to 4K60), and up to 10bit 4:4:4 quality. Finely restore pixels, extreme colors, and record in multiple formats (HQV and MP4...etc).

Freely Pause, Play, Backward, and Forward SSD content, smoothly freeze every frame you want.

QUALITY, FLEXIABLE, TINY

C1-ScienceImage SSD Dock Station. Up to 2T, can choose different SSD models assembled freely.6.6 mm extremely thin, ultra-tiny designing in the world. Support up to 5Gbps/s bandwidth PCIe high-speed bus, long-time recording without replacing SSD, a single drive can record up to 10Gbit/sb bandwidth with high-quality for 5.5 hours.

Export content in real time to post-production with C1 Type-C interface.

RICHABLE INTERFACES

Vela Rack SDI integrates more interfaces such as 12G-SDI Input/Loop out, HDMI output, Bi-Directional Optical Transceiver, USB, external audio embedding, etc, maximize and fully utilize device all interfaces and powerful functions.

AUDIO MONITOR/ INTERCOM/MIXER

Integrating Audio monitor, Intercom, and mixer in one, control and set various features by one finger easily.

The Mic/Headset can monitor the SDI sources, External Line IN em-bedded, or both.Build-in mixer console mix video source, external, and NDI audio simultaneously.

Touch on TFT, can switch status from audio monitor to intercom bi-directional.

BROADCASTING PROAV LIVE STREAMING

DESKTOP/ RACK MOUNTED

OPTICAL TRANSCEIVER

WEB UI DYNACONTROL REMOTE CONTROL

MULTIPLE POWER SUPPLY DC / POE

● PVW

● PGM

TALLY

see it all with Tally's big display!

SCIENCE IMAGE Technology Co.,Ltd.
Website:https://www.science-image.com