



SKYLARK 1K mini

Capture and Stream Server



SKYLARK 1K mini is a portable and flexible multi-format recording and streaming system.

Increase the speed and accuracy of your media acquisition through advanced recording feed scheduling and control. SKYLARK 1K mini offers local and network-based video capture for production and post-production. Up to three input signals for HD recording, allowing the preview, export, and edit on-the-fly of the content together with a streaming output to YouTube, Facebook, Twitter, Wowza or any RTMP or RTP/UDP distribution platform.

Broadcast devices control such as A/V routers or VTRs is also available with RS-232/422/485 interfaces, together with optional loudness control and audio boost on the signal feeds to simplify the toughest acquisition tasks.

SKYLARK 1K mini FEATURES

Multi-Channel IP, SDI or HDMI

SDI, HDMI, IP UDP / RTP H.264 TS and RTMP configurations.

Growing File Recording

Contents are available for search, viewing, and editing after seconds the recording starts. Enabling instant search, preview and editing of low-res proxy and hi-res media.

External Storage and Media Export

Configure NAS appliances, including Avid storages, for collaborative editing workflows and greater capacity.

VTR support & A/V routers

Control Sony and Panasonic VTRs as well as A/V routers such as Ross Video, BlackMagic Design, Kramer, Evertz, Imagine Communications, Grass Valley, VikinX, and more via IP protocols or serial interfaces.

Multiple formats

Recording hi-res and low-res profile formats are configurable by the user, enabling concurrent hi-res and low-res proxy copies. Record in ProRes, DNxHD, AVC-Intra, XDCAM or DVC-Pro among others.

Preview and QC

Preview content with player and SOM/EOM trim media or playlist exports for 3rd-party systems.

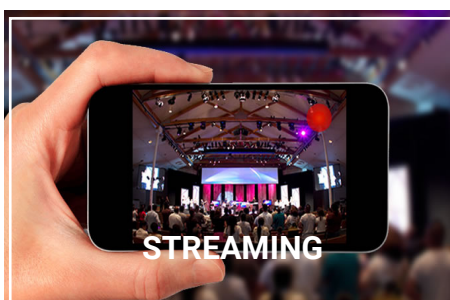
Low-res NLE Option

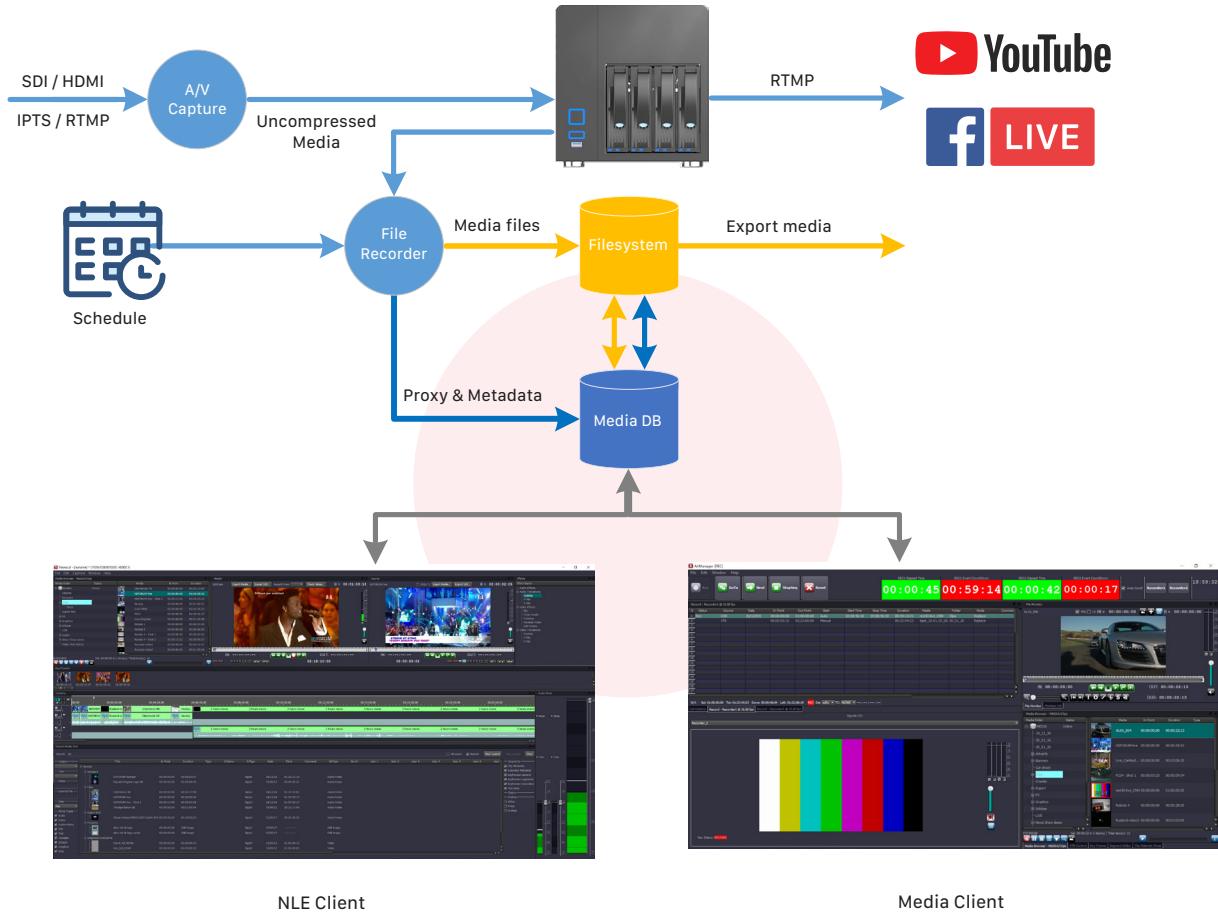
LiveCut NLE client enables low-res editing from any SKYLARK 1K mini available in the local area network.

Live Streaming

Simultaneous live streaming and recording of one video input port to YouTube, Facebook, Twitter, Wowza or any OVP that supports RTMP or RTP/UDP protocols.

Ideal for encoding in numerous environments





SKYLARK 1000 SPECIFICATIONS

SYSTEM

Processor	Quad-core @3.3 GHz
Memory	8GB to 32GB
OS Drives	256GB M.2 (PCIe Gen3 x4) SSD
Media Storage	4 TB to 56TB RAW, 2TB to 28TB effective in RAID 1/10.
OS	Windows 10 64 bit
Dimensions (HxWxD)	19.7 x 19.5 x 26.3 cm
Power Supply	AC 100–240V input 250 Watts output power

BROADCAST I/O[†]

SDI Inputs [†]	3G SDI ST 424M and ST 425M-AB 1.5G SDI ST 292M SD SDI ST 259M
HDMI Input [†]	HDMI 2.0a
IP Inputs [†]	UDP/RTP/RTMP over IP
IP Output [†]	RTMP over IP
Video Formats	SD: 625i 25 f/s, or 525i 29.97 f/s HD: 1080i 25 or 29.97 f/s, 720p 50 or 59.94 f/s 3G HD: 1080p 50 or 59.94 f/s
Audio Inputs	8 pairs embedded per I/O channel
Audio Processing	16, 20, or 24-bit PCM, 48kHz.
Time Code	NTP client over Ethernet LTC in option

MEDIA FILE FORMATS

File Containers	AVI, MOV, MP4, MXF D-10/OP1A, RAW DV/ DIF, MPEG PS/TS, MPG
HD Codecs	DVCPro HD 100 HDV 25 XDCAM EX 25/35, XDCAM HD 18/25/35 XDCAM HD 422 50 AVCHD MPEG-2, MPEG 2 422 700Kbps-100Mbps H.264, H.264 422 200Kbps-100Mbps ProRes HQ, ProRes, ProRes LT, ProRes Proxy
SD Codecs	DVCAM 25 Mbps, DVCPro 25/ 50 XDCAM IMX-30/40/50 AVCHD up to 24 Mbps MPEG-2, MPEG 2 422 700Kbps-30Mbps H.264, H.264 422 200 Kbps-20Mbps ProRes HQ, ProRes, ProRes LT, ProRes Proxy, ProRes 444
Uncompressed audio	16 bit PCM, 24 bit PCM, ADPCM
Audio Codecs	MPEG-1 Layer II and Layer III, Dolby AC-3, ACC, Ogg Vorbis
Closed Captions [‡]	Extraction CEA-608, CEA-708 and Teletext to SRT Pass-through ANC data
Aspect Ratio Conversion	Box, Crop and Letter. Manual or AFD [‡] enabled

[†] Broadcast I/O depends on license and hardware configurations.

[‡] Depending on video board support of ancillary data.