

SyncW

Reliable recording and playback system that greatly reduces the operational burden



Equipped with four SDI inputs, SyncW is a professional video and audio recording system that seamlessly connects from shooting to post-production. It can be used not only as an independent recording system, but also as an automatic recording system linked with Vicon Shōgun and 4D View Solutions HOLOSYS. In recording studios where a large number of takes are shot by a small number of people, this system greatly reduces the workload on the shooting site. The material management system, newly developed by an engineering team with extensive knowledge of the shooting site, is equipped with a variety of functions for quick and easy management of previously shot material. The open format of project files allows for automated processing of materials to be passed on to the post-production process.

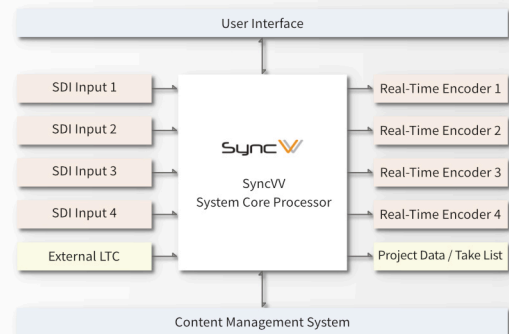


Shooting solutions that make you forget you are shooting

An easy-to-understand screen layout is extremely important for recording sites, which are hectic and require a great deal of work. The screen layout displays the input from the left, the previously shot material in the center, and thumbnails of the previously shot material on the right, so that the user can intuitively grasp the situation.

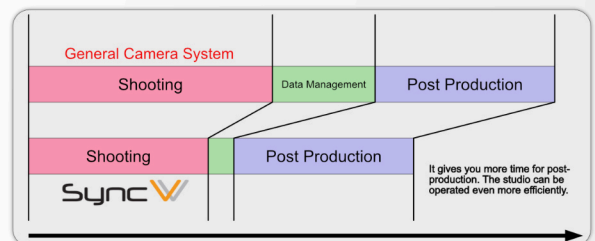
4-channel synchronous/asynchronous SDI signal recording system

SyncVV supports not only recording of synchronized 4-channel SDI signals, but also asynchronous 4-channel SDI signals combining different video formats, flexibly supporting different video formats in a single system, significantly reducing overall system cost. Input video is encoded in real-time to a video content file, which is immediately converted into video content ready for post-production.



Seamless connection from shooting to post-production

When shooting with SyncVV, which was developed as a dedicated multi-channel shooting device, video content is managed using file names that are linked to take information. In particular, when using the Vicon Shōgun and 4D View Solutions HOLOSYS linkage functions, take names are completely matched, so there is no need to search for materials, and the post-production process can begin immediately after shooting is complete. SyncVV is an indispensable recording system that maximizes workflow efficiency.

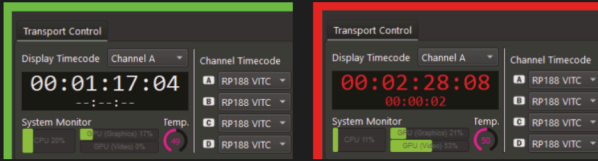


Ultra low latency SyncVV dedicated camera

The SyncVV camera is an ultra-compact, high-definition, dedicated SyncVV camera capable of outputting full HD 60P. The internal circuit design dedicated to the studio environment achieves ultra-low latency. There is no time difference between the actor's movement and the movement on the preview screen. The rigid body is designed to be mounted on a truss structure in the studio, making it ideal for installation in harsh field environments.



Unparalleled easy-to-read tally display



The new SyncV features an easy-to-understand tally display that is red when recording and green when ready to record. In environments where multiple systems are operated simultaneously, SyncV's highly visible tally displays, which can be checked in an instant, greatly reduce the recording workload. These tally displays are on by default, but can be turned off in the settings to reduce their prominence in some recording environments. The new SyncV has been meticulously designed for all kinds of recording situations.

Various input video formats



SyncV supports a variety of input video formats, greatly reducing the burden of selecting video equipment in the field. Supported video formats range from 60p to 23.98p for 2048x1080 progressive, 60p to 23.98p for 1920x1080 progressive, and 60i to 50i for 1920x1080 interlaced. 1280x720 from 60p to 23.98p, Supports a wide range of input video formats. Progressive segmented frames are also supported, making it suitable for use in sites where a variety of video equipment is connected.

Equipped with Large View Dialog



SyncV has a Large View Dialog function that allows easy preview of SDI input video. This Large View Dialog function is designed to display video on an extended display connected to the SyncV system. Simply click the "Large View" button on the main operation screen to display the Large View Dialog, which can be placed anywhere on the screen. The operator can operate the system while viewing the main operation screen, while the director of photography can check the images in the large-view dialog, thus creating a flexible operation system. The target channels and layout can also be selected, allowing you to instantly check the entire shooting studio in the arrangement of your choice.

Material management system for efficient management of shooting materials

Rating	Color	Name	Duration	Tags	Notes	Description	TC In	TC Out
1	OK	Take_0001	00:00:04	Loc:Sea	OP=James		00:00:00:00 [D]	00:00:00:01 [D]
2	OK	Take_0002	00:00:08	Sea turtle:Sea	OP=James		00:00:00:00 [D]	00:00:00:00 [D]
3	Keep	Take_0003	00:00:05	Sea: Bird view	OP=James		00:00:00:00 [D]	00:00:00:00 [D]
4	Keep	Take_0004	00:00:09	Bird	OP=Catherine		00:00:00:00 [D]	00:00:00:00 [D]
5	NG	Take_0005	00:00:08	Sea:Shark	OP=Catherine		00:00:00:00 [D]	00:00:00:00 [D]
6	OK	Take_0006	00:00:06	Sea of clouds	OP=Catherine		00:00:00:00 [D]	00:00:00:00 [D]
7	OK	Take_0007	00:00:03	Sea of clouds	OP=Catherine		00:00:00:00 [D]	00:00:00:00 [D]

In a hectic scene, you want to start delivering material to the post process immediately upon completion of the day's recording, and SyncV features a new material management system that efficiently manages the shooting material. An orthogonal, easy-to-read take list helps you see at a glance the various parameters of a take. The ability to manage each take with a color of your choice improves visibility on the recording floor, where you must manipulate a multitude of equipment. A number of unique ergonomic features ensure smooth operation right from the start.

Safety considerations for recording / SDI disconnection detection indicator

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take_00017_ch0.mp4 take_00017_ch1.mp4 take_00017_ch2.mp4 take_00017_ch3.mp4
take_00018_ch0.mp4 take_00018_ch1.mp4 take_00018_ch2.mp4 take_00018_ch3.mp4
take_00019_ch0.mp4 take_00019_ch1.mp4 take_00019_ch2.mp4 take_00019_ch3.mp4
take_00020_ch0.mp4 take_00020_ch1.mp4 take_00020_ch2.mp4 take_00020_ch3.mp4
take_00021_ch0.mp4 take_00021_ch1.mp4 take_00021_ch2.mp4 take_00021_ch3.mp4
take_00022_ch0.mp4 take_00022_ch1.mp4 take_00022_ch2.mp4 take_00022_ch3.mp4
take_00023_ch0.mp4 take_00023_ch1.mp4 take_00023_ch2.mp4 take_00023_ch3.mp4
```

SDI line problems are common at recording sites where a variety of equipment is temporarily installed. SyncV is equipped with a safety mechanism that does not stop the recording process in the event of an SDI line failure during recording. Video frames that are determined to be invalid will be discarded, but recording will continue, and video and audio recording will continue from the time the SDI line is restored. The channel of the take with the disconnected line is indicated in yellow, which is useful for identifying the problem area in the recording system.

Export take lists to Microsoft Excel format

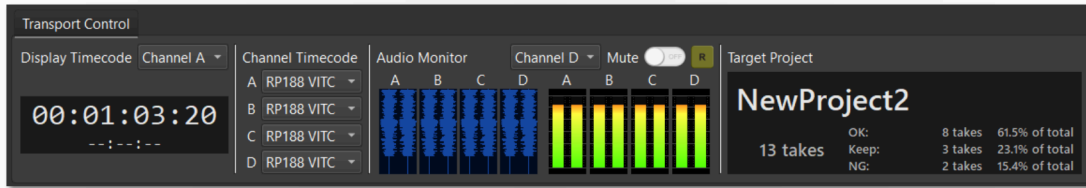
Rating	Color	Name	Duration	Tags	Notes	Thumbnail A	Thumbnail B	Thumbnail C	Thumbnail D
OK	Blue	Take_0001	00:00:04	Loc:Sea	OP=James	img_1.jpg	img_2.jpg	img_3.jpg	img_4.jpg
OK	Blue	Take_0002	00:00:08	Sea turtle:Sea	OP=James	img_5.jpg	img_6.jpg	img_7.jpg	img_8.jpg
Keep	Blue	Take_0003	00:00:05	Sea: Bird view	OP=James	img_9.jpg	img_10.jpg	img_11.jpg	img_12.jpg
Keep	Blue	Take_0004	00:00:09	Bird	OP=Catherine	img_13.jpg	img_14.jpg	img_15.jpg	img_16.jpg

SyncV has added an export function that allows you to export take lists to Microsoft Excel format (xlsx extension) to dramatically reduce the workflow of managing recorded video content. No Microsoft Excel installation is required to run the export function; the SyncV software alone converts the take list to the easy-to-handle Excel format. The exported Excel file contains not only take-related information, but also video thumbnails, which are saved in an Excel sheet at the same time. The status of the recorded material can be easily viewed on other devices.

Please refer to the other extensive features here



Transport control screen for status at a glance



In a shooting environment where a variety of information must be checked instantly, it is extremely important to have a way to check the status at a glance. SyncVV's transport control screen displays time code display, audio waveform monitor, audio level meter, projects to be recorded, number of takes, and statistics all in one condensed screen. You can check the system status at a glance without having to move your eyes from one place to another.

Highly reliable SDI input card

SyncVV's SDI inputs are based on Bluefish Technologies' highly reliable KRONOS Optikos3G, KRONOS K8 and Supernova S+. The core technologies that ensure stable high-bandwidth performance are based on the knowledge gained from many years of experience in the industry.



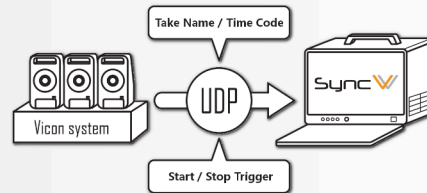
4D View Solutions HOLOSYS linked recording

HOLOSYS is the world's first commercial volumetric capture system. This technology is essential for capturing free-viewpoint video of human motion. The new SyncVV can now receive trigger signals from HOLOSYS for automatic recording.



Vicon Shōgun linked recording

The Vicon Shōgun linked recording function automatically receives recording command information sent by the Shōgun software and automatically records using the take information contained in the recording command information. Since the recording name in the Shōgun software and the SyncVV recording name match perfectly, the post-production workload can be reduced.



Faceware's best combination

The new SyncVV also includes a rotate preview function for use with Faceware and a composite guide to guide the position of the face. These features were developed based on keen field observations to reduce the workload at the shooting site.



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