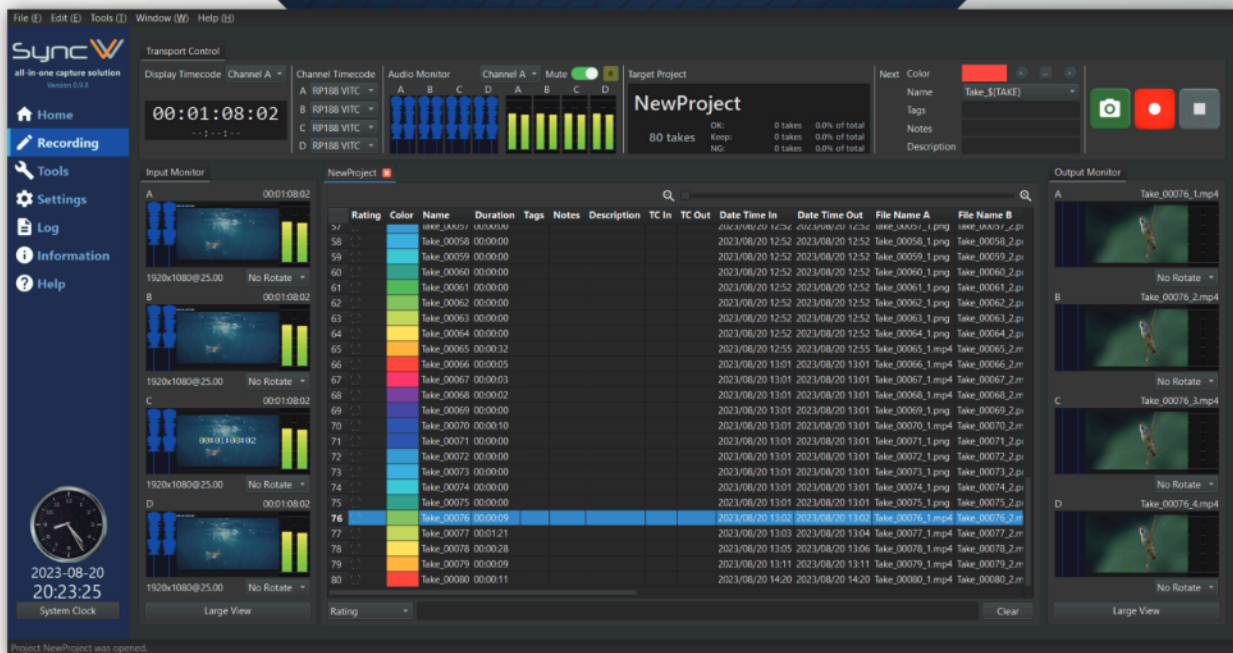


Support
KRONOS

SyncW

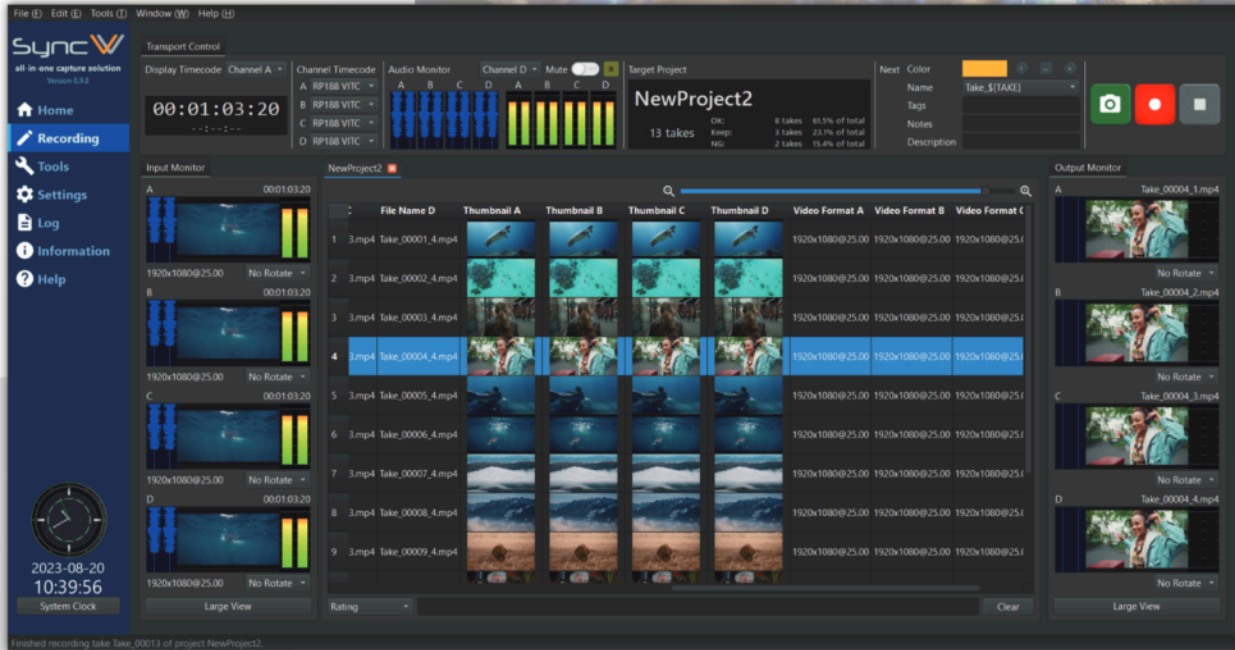
Reliable recording and playback
system that greatly reduces the
operational burden



The first generation SyncV system has been revolutionizing the shooting industry for more than 10 years and has continued to support many people's shooting operations.

In 2023, the second generation SyncV-II was born with new features. The automatic recording functions linked to the Vicon system that were so well received in the first-generation SyncV system are of course still available. With a new, easy-to-use content management system, SyncV-II has been reborn as a system that greatly optimizes not only recording operations but also the entire workflow, including post-processing. Take status management is indispensable on set where a large number of takes must be recorded. The SyncV-II system has newly developed take status management, which is useful for identifying takes to be passed to post-production. The SyncV-II system is equipped with features that fundamentally reform the way content is managed in the hectic recording environment.

With the SyncV-II, a new page in history is created with an integrated recording environment that seamlessly realizes everything from shooting to data submission to post-production.



A Shooting solution that makes you forget you are shooting

SyncV-II is a professional video and audio recording system with four SDI inputs. Its highly integrated software architecture allows seamless connection from shooting to post-production. The newly added content management system enables significant labor savings at the recording site.

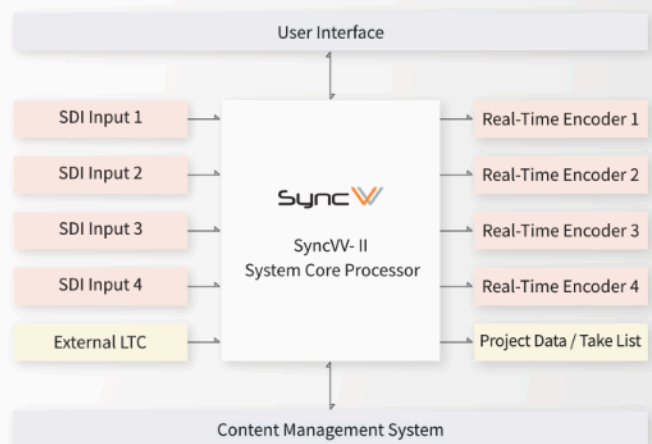
Inheriting the DNA of the first-generation SyncV, which lasted for 10 years, the SyncV-II has been reborn as a new "shooting solution that makes you forget you are shooting" and will realize the next generation of recording systems.

4-channel synchronous/asynchronous SDI signal recording system

SyncV-II supports recording of synchronized 4-channel SDI signals as well as asynchronous 4-channel SDI signals combining different video formats.

Flexible support of different video formats in a single system significantly reduces overall system costs.

Input video is encoded in real-time to video content files in mp4 containers and immediately converted into video content usable in post-production.



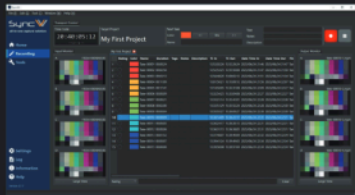
Equipped with the highly reliable Bluefish444

The SyncV-II's SDI input is Bluefish Technologies' highly reliable Supernova S+. The core technologies that ensure stable high-bandwidth performance are based on our many years of experience in the industry. Professional components for professional equipment is one of SyncV's core values.



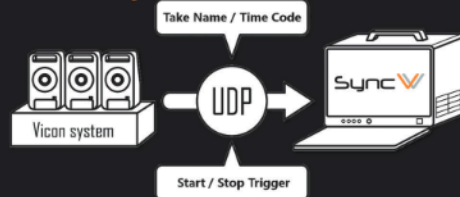
<https://bluefish444.com/>

Screen layout that is well suited to the needs of the shooting site



The SyncV-II's intuitive screen layout was created by an engineering team that is well versed in the needs of the shooting studio. The black screen blends in well even in dimly lit locations, and the operating components are arranged according to our own standards. The left side displays inputs, the center displays previously shot content, and the right side displays thumbnails of previously shot content, making it easy to intuitively grasp the situation. This intuitive screen layout greatly reduces the workload at the recording site.

Supports automatic recording in conjunction with the Vicon system



The SyncV-II automatically acquires take information when it receives a recording start signal from the Vicon system. This allows for complete automation from take registration to the start and end of recording. The SyncV-II's automatic recording function linked to the Vicon system greatly reduces the workload on the recording site, where the workload on equipment operations is constantly increasing as more and more equipment is lined up.

Professional quality real-time encoder



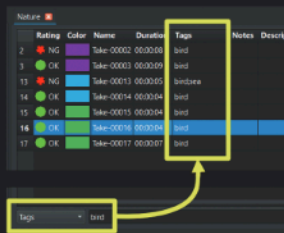
In a system that simultaneously inputs four SDI signals, the presence of an encoder with excellent real-time performance is critical. The SyncV-II combines the ability to simultaneously perform real-time encoding of four channels of video and audio in parallel while capturing baseband SDI signals over a wide bandwidth. This basic design that realizes high real-time performance and high-quality video provides powerful support for mission-critical recording operations. A new video media system has been born that connects everything from professional video to post-production in a single system.

Content management system for efficient management of shooting contents

Rating	Color	Name	Duration	Tags	Notes	Description	TC In	TC Out	Date Time In	Date Time Out
1	Red	Take-0001	00:00:04				12:00:00	12:00:04	2023/04/24 12:00	2023/04/24 12:00
2	Orange	Take-0002	00:00:04				12:00:04	12:00:08	2023/04/24 12:00	2023/04/24 12:00
3	Yellow	Take-0003	00:00:15				12:04:00	12:04:15	2023/04/24 12:04	2023/04/24 12:04
4	Green	Take-0004	00:11:00				12:07:00	12:18:00	2023/04/24 12:07	2023/04/24 12:18
5	Blue	Take-0005	00:17:41				12:18:00	12:35:41	2023/04/24 12:18	2023/04/24 12:35
6	Light Blue	Take-0006	00:00:00				12:35:41	12:35:41	2023/04/24 12:35	2023/04/24 12:35
7	Light Green	Take-0007	00:00:21				12:35:41	12:36:02	2023/04/24 12:35	2023/04/24 12:36
8	Light Yellow	Take-0008	00:00:00				12:35:41	12:35:41	2023/04/24 12:35	2023/04/24 12:35
9	Light Orange	Take-0009	00:00:04				12:35:41	12:35:45	2023/04/24 12:35	2023/04/24 12:35
10	Light Red	Take-0010	00:00:00				12:35:45	12:35:45	2023/04/24 12:35	2023/04/24 12:35
11	Light Purple	Take-0011	00:00:00				12:35:45	12:35:45	2023/04/24 12:35	2023/04/24 12:35
12	Light Blue	Take-0012	00:00:00				12:35:45	12:35:45	2023/04/24 12:35	2023/04/24 12:35
13	Light Green	Take-0013	00:00:00				12:35:45	12:35:45	2023/04/24 12:35	2023/04/24 12:35
14	Light Yellow	Take-0014	00:00:00				12:35:45	12:35:45	2023/04/24 12:35	2023/04/24 12:35
15	Light Orange	Take-0015	00:00:04				12:35:45	12:35:49	2023/04/24 12:35	2023/04/24 12:35
16	Light Red	Take-0016	00:00:04				12:35:45	12:35:49	2023/04/24 12:35	2023/04/24 12:35
17	Light Purple	Take-0017	00:00:07				12:35:45	12:35:52	2023/04/24 12:35	2023/04/24 12:35

In a hectic scene, you want to start delivering content to the post process immediately upon completion of the day's recording, and SyncV-II features a new content management system that efficiently manages the shooting content. 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.

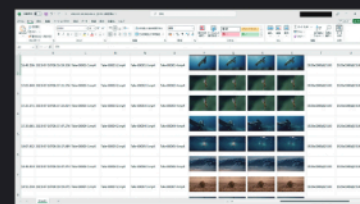
Filtering function that allows real-time refinement of the display



The problem was not that there were too many takes, but that there was no way to deal with the sheer volume of takes.

SyncV-II's new filtering function allows you to narrow down the number of takes by simply entering keywords in the user interface. The powerful filtering function in SyncV-II is a powerful feature that overturns the concept of conventional professional recording systems.

Export of take lists to Microsoft Excel format



SyncV-II has added an export function that allows export of the take list to Microsoft Excel format (xlsx extension) to dramatically save labor in the workflow of recorded video content management. No Microsoft Excel installation is required to operate the export function; the SyncV-II 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 can be saved to an Excel sheet at the same time. The status of the recorded content can be easily grasped at a glance on other computer environments.

See the many other remarkable features





High stability ensured by real-time system technology cultivated over many years

The real-time system technology that Liberal Logic Inc. has developed over the years contributes to the realization of the wide bandwidth data flow that is the core design of SyncVV-II.

One such technology is parallelized computation and processing technology that maximizes the efficient use of system processor cores.

Skilled techniques are essential to configure a real-time system on Windows, a general-purpose operating system, for SDI input processing, real-time video processing, real-time encoding processing, and user interface processing.

Liberal Logic Corporation's real-time system technology forms the basis of the SyncVV-II's 4-system parallel operation real-time system.

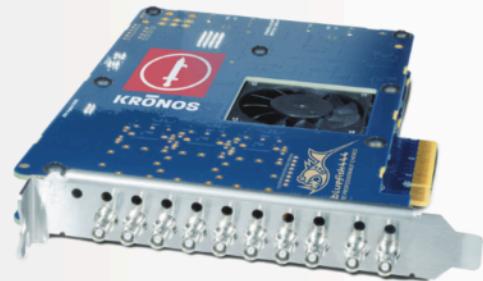


Component selection with a view to long-term supply

For SyncVV-II, components were selected with an eye toward long-term supply.

In particular, for the SDI card, which is a key component, we chose a video card from Bluefish Technologies, a company with a proven track record of stable supply over a 10-year period. Their commitment to long-term hardware supply is extremely rare in an industry undergoing dramatic change.

By choosing Bluefish Technologies video cards, we have combined hardware and software innovation with sustainable supply.



bluefish444 
THE PROFESSIONALS' CHOICE

Design and Implementation



AETA 4F, 6-9-8 Hara-machida, Machida-shi, Tokyo, JAPAN 194-0013

Planning and Sales



3-14-8 Kiba, koto-ku, Tokyo, JAPAN 135-0042
Tel. : +81-3-5875-9707
E-mail: vicon@crescentinc.co.jp

* The information is subject to change without notice.

* In case of any discrepancy between the listed information and the actual situation, the actual situation shall take precedence.

* All images are for illustrative purposes only. Design and specifications may differ in whole or in part between the listed images and the actual product.

* Liberal Logic Inc. assumes no responsibility for maintenance of products acquired through resale of equipment or other means.

Please note that license transfer is not permitted.