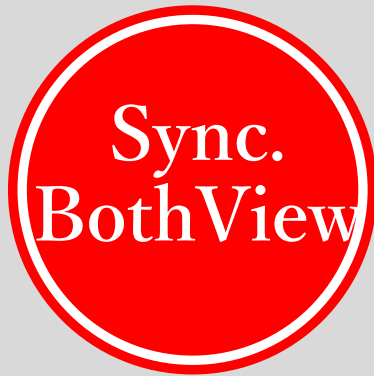


SilkyEvCam series
Sync. cable expansion unit



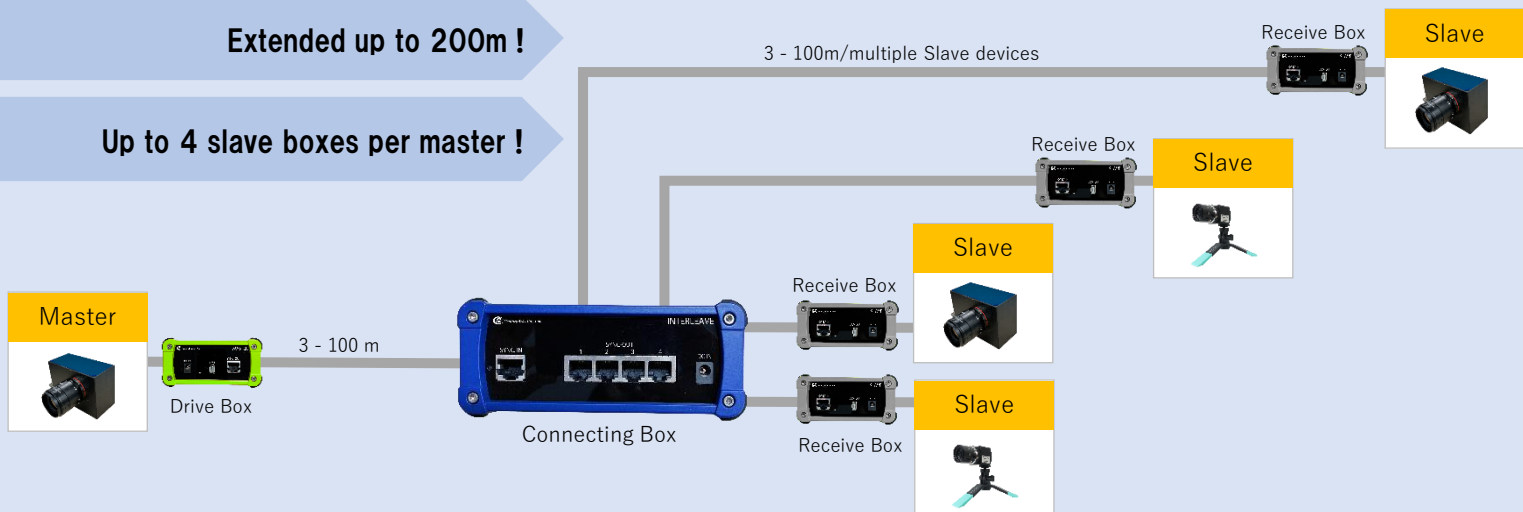
Sync. Cable Expansion Unit

Synchronized connection of multiple BothViews or SilkyEvCams(VGA/HD)

The "SilkyEvCam BothView" is a hybrid camera that integrates both an event camera and a frame camera into a single unit, enabling simultaneous acquisition of both data types without parallax by using a beam splitter to divide the light. In addition to inner synchronization, synchronization between BothViews and our event cameras, SilkyEvCam (VGA/HD)s is now possible. The system can be extended up to 200 meters, allowing one master to connect to up to four slaves.

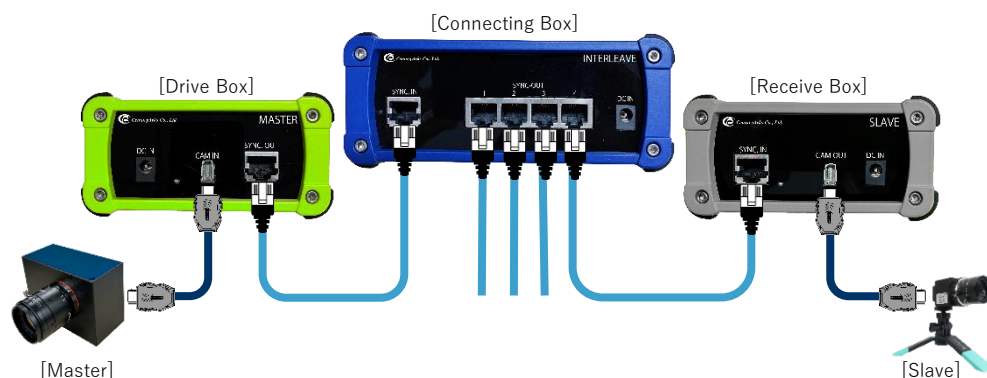
Extended up to 200m !

Up to 4 slave boxes per master !



Sync Cable Expansoin Unit

Basic Configuration	<ul style="list-style-type: none"> Connecting Box (INTERLEAVE) Drive Box (MASTER) Receive Box (SLAVE) Sync. cable Camera connection cable 	1 Unit 1 Unit 1 Unit 2 (Master x1, Slave x1) 2 (Master x1, Slave x1)
Option	<ul style="list-style-type: none"> Receive Box (for Slave) Sync. cable Camera connection cable 	Same as the number of added Slave devices
Master	BothView (Note: Usable even if all Master and Slave are SilkyEvCam(VGA/HD))	
Slave	BothView or SilkyEvCam(VGA/HD) Up to a total of 4	
Power Supply	DC 5V (AC Adaptor Included) (per box)	
Sizes/Weight	Connecting Box : 151(W) x 61(H) x 110(D) mm / approx. 420 g Drive Box, Receive Box : 116(W) x 56(H) x 90(D) mm / approx. 260 g	
Others	<ul style="list-style-type: none"> When the slave is SilkyEvCam(VGA/HD), sync. occurs between standard SilkyEvCam(VGA/HD)s (It cannot receive trigger signals from frame cameras) Sync. cables are available in lengths from 3 to 100 meters Camera connection cables are available up to 2 meters Each camera requires a separate computer and USB cables 	



BothView IX Connector Pin Assignment

Pin	Signal
1	SYNC_OUT_P (+3.3V)
2	SYNC_OUT_N
3	SYNC_IN_P
4	SYNC_IN_N
5	TRIG_IN_P (Internally connected to the frame camera)
6	TRIG_IN_N (Internally connected to the frame camera)
7-9	Internally connected to the frame camera
10	No use

【Synchronization】

- In BothView's inner sync., the trigger signal emitted the start of the frame camera's exposure is saved as an external trigger event for the event camera within the raw data (EVT3 format).
- In multiple BothView sync., the trigger signal emitted from the master frame camera activates the slave flame camera (starting/stopping recording). At this time, the slave event camera receives the exposures signal from the slave frame camera.
- In multiple SilkyEvCam(VGA/HD) sync., the master event camera's clock signal is provided to the slave event camera.

※The names of companies and products mentioned in this document are registered trademarks or trademarks of the respective companies and organizations.
 ※ Standards and other information in this document are subject to change without notice.

2026.01

