

## Controllers for driving SSH electromagnetic shutters. Can operate two electromagnetic shutters of different types concurrently.

- Controller can control the SSH-R (old blade type), SHPS (for high-power laser), and BSH2 (for bio) shutters in addition to SSH-25RA and SSH-S.
- Shutter speed, delay time, and repeat count is set using the front panel control knob.
- Sample software is available for shutter control and changing various settings using a PC.
- Controller allows registration of control signals (up to three types) for unknown mechanical electromagnetic shutters (only those for which control signal formats are released), and can close and open the shutters according to their performance. (Please check the instruction manual and make sure that setting of control signals is possible before use.)



Shutter Controller	
Part Number	<b>SSH-C2B</b>
Controllable Number of Units	2ch
Power Source	DC24V
Power consumption	120VA
Operating temperature	5 – 40°C
Functions	Shutter type switching TIMER/BULB mode switching External signal polarity switching Timer setting Number of times of opening and closing integration
Shutter Control Voltage *1	5V – 24V
Shutter control current *2	each CH 0.5A (current limit 1A)
Shutter Speed	0.2ms – 99990s
Delay Time	0.1ms – 999.9ms
External input	0 – 5V Input 2ch, Interlock contact input
External output	0 – 5V Output 2ch
Interface	RS232C (D-sub 9 pin female), USB, (TTL)
Display	LCD ( with white backlight)
Accessories	AC Adapter (DC24V), Interlock connector

\*1 The voltage range of control signals that can be set when an unknown shutter is used.

\*2 The current is determined depending on the resistance value of the electromagnetic shutter to be connected.

### Guide

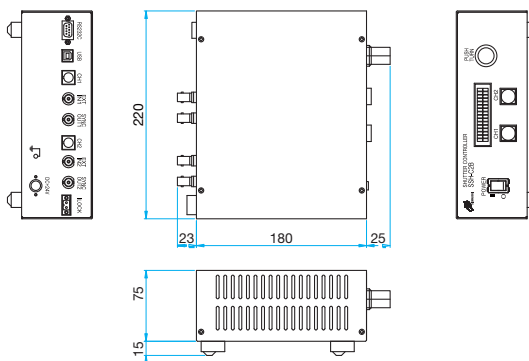
- ▶ USB cables (USB-2) and RS232C cables (RS232C/STR-3) are available to connect to a PC. [▶WEB Reference](#) [Catalog Code](#) W9053

### Attention

- ▶ This shutter controller does not come with cables. Check the shutter specification and select the appropriate cable.
- ▶ If the shutter connected to the controller is different from the shutter type selected on the controller, shutter will not operate properly.
- ▶ To use a shutter other than Opto Sigma shutters, please set the appropriate voltage and pulse time. Incorrect settings may damage the shutter.



### Outline Drawing



Shutter Cable			
Product Name	Shutter Cable for SSH-25RA	Shutter Cable for SSH-S	Extension cable for shutter
Part Number	<b>SSH-CA2-LORA</b>	<b>SSH-CA2-LOAA</b>	<b>SSH-CA2-LOAB</b>
Cable Length [m]	2	2	2
Connector (controller side)	One-touch lock type plug (4-pin male)	One-touch lock type plug (4-pin male)	One-touch lock type plug (4-pin male)
Connector (shutter side)	One-touch lock type Round plug (4-pin male)	One-touch lock type plug (4-pin male)	One-touch lock type Cable with socket (4-pin female)

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