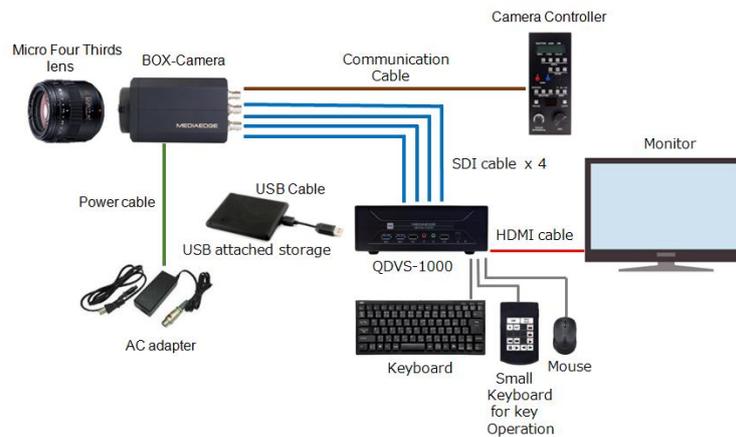


I-1. Device Connection, Start and End, Operation Flow

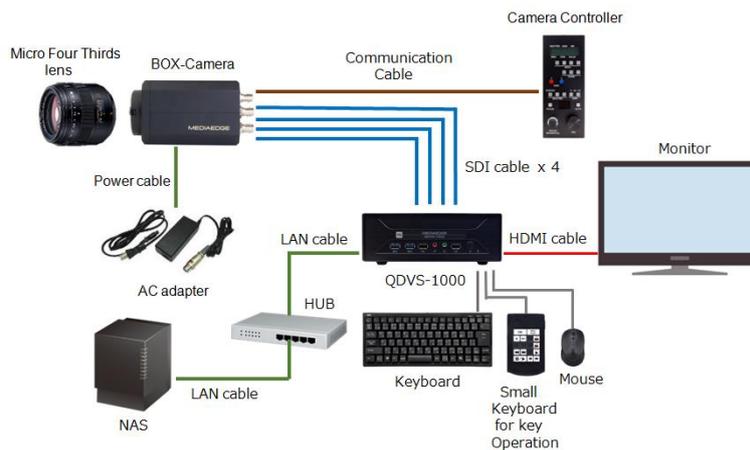
■ I-1-1. How to connect

Using the following connection examples, connect the QDCAM equipment to the QDVS-1000 according to operation.

1. In case of operation to save recorded data to USB memory or USB storage connected to the main unit.

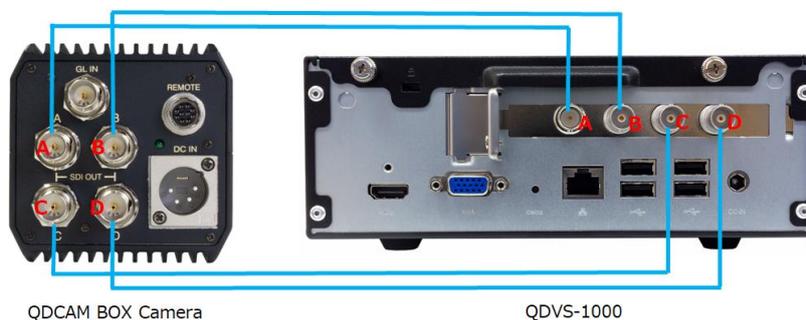


2. In case of operation to save recorded data to NAS.



■ I-1-2. About SDI Cables connection

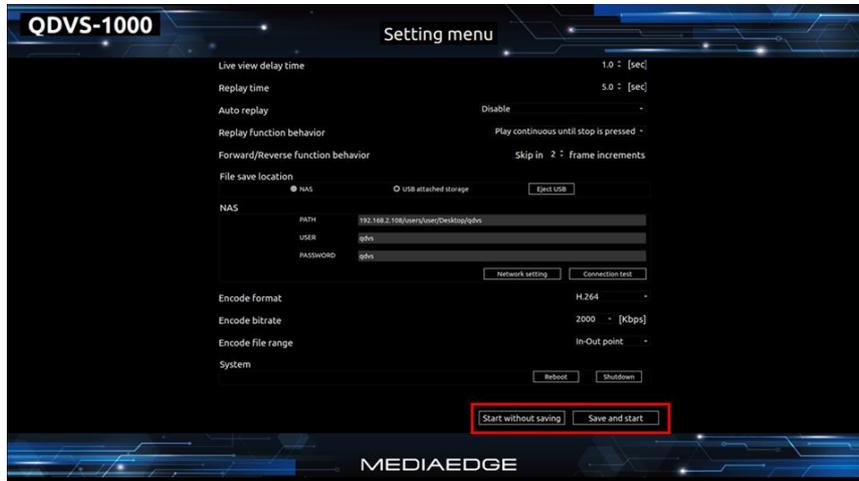
Connect SDI terminals with the same symbol (A-A, B-B, C-C, D-D).



I-1-3. Start

Connect the power cable to the main unit and press the power button on the front to start the system and display the setting screen.

After setting according to the operation, press the start button (Start without saving, Save and start) at the bottom right of the screen to start the player.



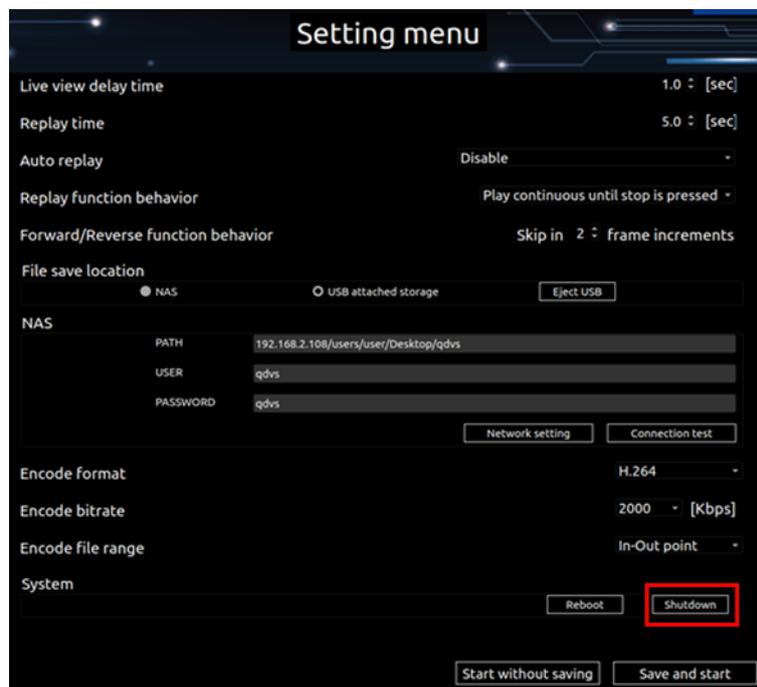
Setting screen

I-1-4. End

Press ESC while player display to return to the settings screen.

Press the "Shutdown" button at the bottom right of the settings screen.

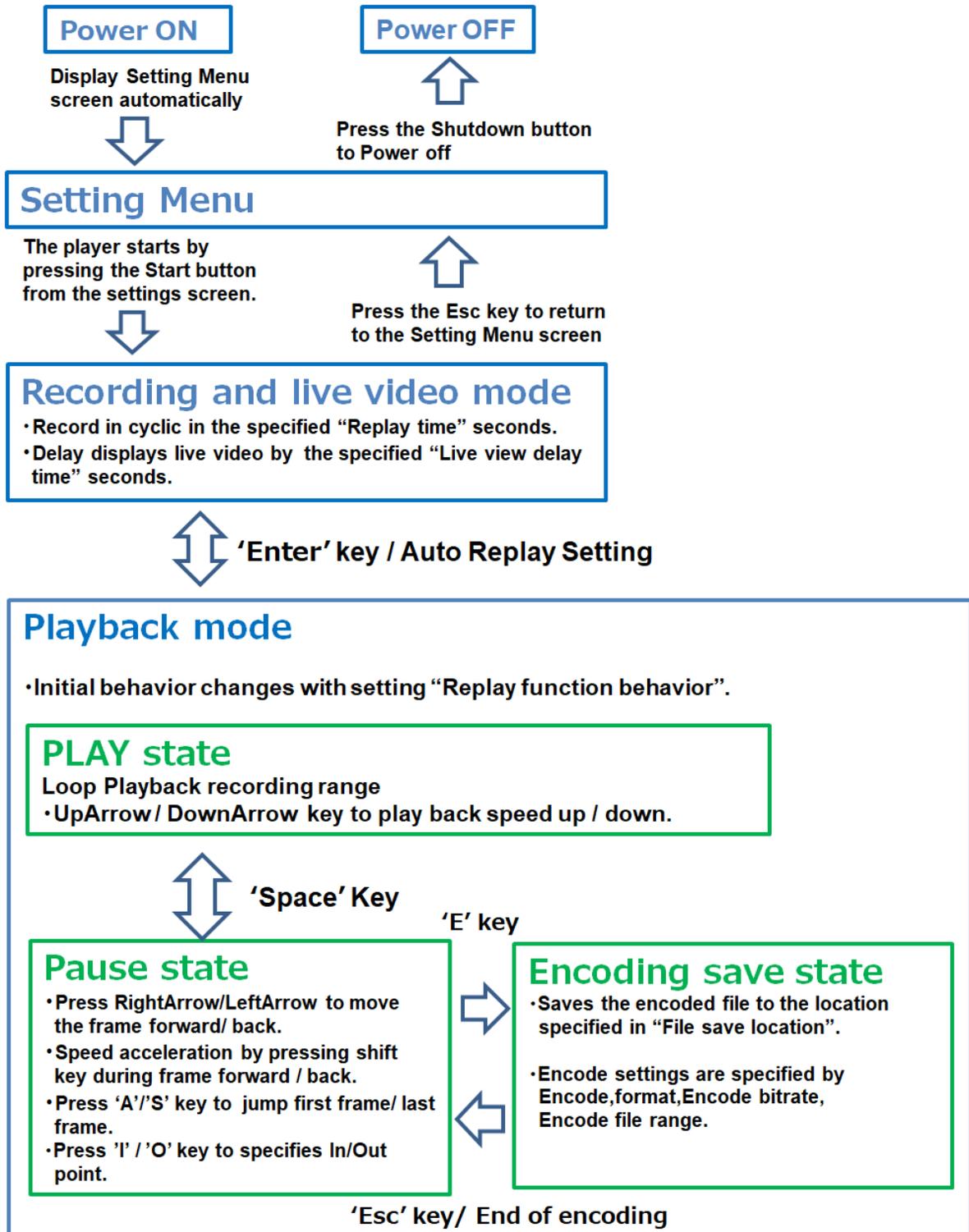
When you press the button, a confirmation dialog is displayed, so select OK to exit.



Setting screen

■ I-1-5. About operation flow

The operation flow after power on is as follows.

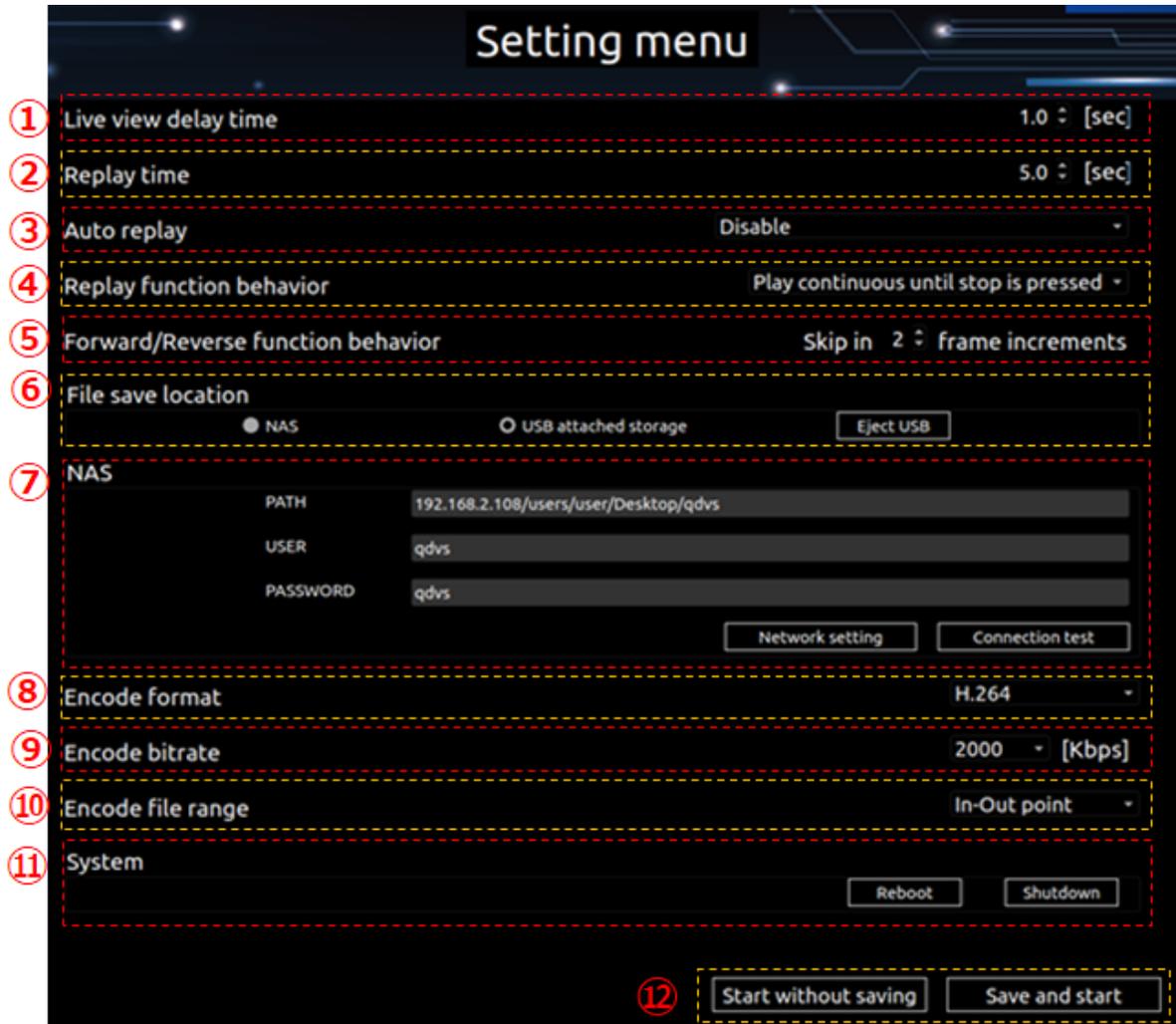


Transition of operating mode

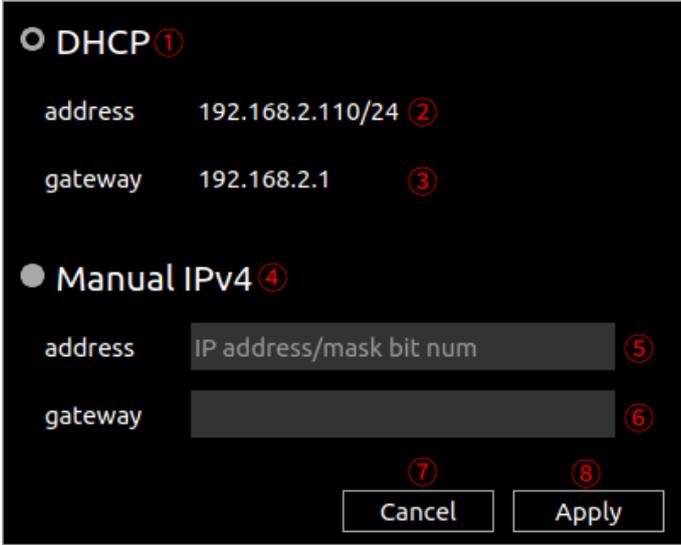
I-2. Instructions

■ I-2-1. Setting Menu

When the console starts, the settings screen is automatically displayed, so make settings according to the operation.



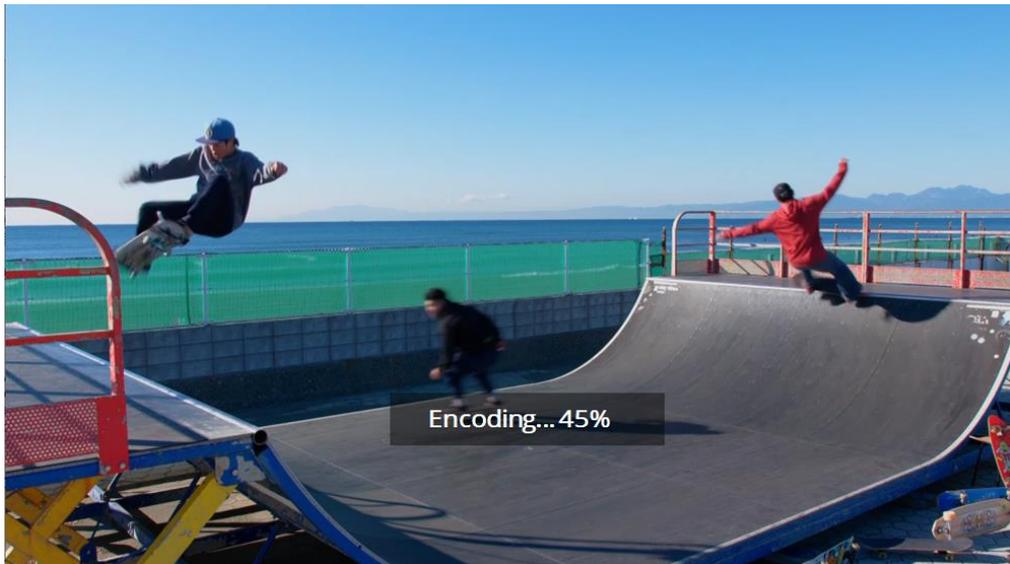
①	Live view delay time	Sets the delay time for live video display in seconds.
②	Replay time	Sets the recording time in seconds.
③	Auto Replay	When the data for the recording time is accumulated, set whether to automatically switch to the replay mode and set the operation after playback. Disable: Do nothing

		<p>Enable - Stop at last frame after replay: Pause at the last frame after playback.</p> <p>Enable - Return to live view after replay: Automatically returns to “recording and live video mode” after playback.</p>						
④	Replay Function behavior	<p>Select the action when entering the playback mode.</p> <p>Stop on last frame captured : Stop at the last frame.</p> <p>Stop on first frame captured : Stop at the first frame.</p> <p>Play continuous until stop is pressed : Playback start automatically.</p>						
⑤	Forward/Reverse function behavior	<p>Set how many frames to advance with the +Shift key when sending frames (Left and right buttons).</p> <p>Only the left and right buttons go one frame at a time.</p>						
⑥	File save location	NAS/USB: USB storage eject button.						
⑦	NAS	<p>Set up the NAS. PATH, USER, PASSWORD</p> <p>Example of setting: If the NAS IP address is 192.168.1.100 and the shared folder name is video, setting as follows. PATH 192.168.1.100/video</p> <p>Network setting button: The network settings dialog opens and you can change the network settings.</p>  <table border="1" data-bbox="560 1939 1425 2087"> <tr> <td>①</td> <td>DHCP</td> <td>Check to get the IPv4 address from DHCP.</td> </tr> <tr> <td>②</td> <td>address</td> <td>Displays the current IPv4 address and subnet mask in CIDR format. ※ 1</td> </tr> </table>	①	DHCP	Check to get the IPv4 address from DHCP.	②	address	Displays the current IPv4 address and subnet mask in CIDR format. ※ 1
①	DHCP	Check to get the IPv4 address from DHCP.						
②	address	Displays the current IPv4 address and subnet mask in CIDR format. ※ 1						

		<table border="1"> <tr> <td>③</td> <td>gateway</td> <td>Display the current IPv4 gateway.</td> </tr> <tr> <td>④</td> <td>Manual IPv4</td> <td>Check this when manually setting the IPv4 address.</td> </tr> <tr> <td>⑤</td> <td>address</td> <td>Set the IPv4 address and subnet mask in CIDR format. ※1</td> </tr> <tr> <td>⑥</td> <td>gateway</td> <td>Set the IPv4 gateway.</td> </tr> <tr> <td>⑦</td> <td>Cancel button</td> <td>Exit network settings without reflecting any configuration changes.</td> </tr> <tr> <td>⑧</td> <td>Apply button</td> <td>Exit the network settings to reflect the configuration changes.</td> </tr> </table> <p>※1 CIDR format: Express the subnet mask in binary and continue from the highest. It expresses how many bits are 1 like "/ bit number". 255.255.0.0 -> /16 255.255.255.0 -> /24 255.255.255.128 -> /25</p> <p>Connection test button: Test connectivity in NAS setting</p>	③	gateway	Display the current IPv4 gateway.	④	Manual IPv4	Check this when manually setting the IPv4 address.	⑤	address	Set the IPv4 address and subnet mask in CIDR format. ※1	⑥	gateway	Set the IPv4 gateway.	⑦	Cancel button	Exit network settings without reflecting any configuration changes.	⑧	Apply button	Exit the network settings to reflect the configuration changes.
③	gateway	Display the current IPv4 gateway.																		
④	Manual IPv4	Check this when manually setting the IPv4 address.																		
⑤	address	Set the IPv4 address and subnet mask in CIDR format. ※1																		
⑥	gateway	Set the IPv4 gateway.																		
⑦	Cancel button	Exit network settings without reflecting any configuration changes.																		
⑧	Apply button	Exit the network settings to reflect the configuration changes.																		
⑧	Encode Format	Specify the format when saving the encoded file. ProRes: Save in ProRes422 MOV format. H.264: Save in H.264 MP4 format.																		
⑨	Encode Bitrate	Specify the bit rate for writing the encoded file. (only H.264 is valid).																		
⑩	Encode File range	Specify the range when writing the encoded file. Playback frames: Entire recording file. In-Out point: Between In/Out Points.																		
⑪	System	Reboot / Shutdown button. Press the button to reboot or shut down the system.																		
⑫	Player start button	Save and start: Start the player to reflect the change in the settings. Start without saving: Start the player without reflecting the change in the settings.																		

■ I-2-2. Operation screen

1. After setting on the settings screen, press the Start button to display the playback screen according to the setting.



Example: This is the screen when encoding save during playback.

(Playback screen is always displayed on the full monitor)

2. After the playback screen is displayed, use the keyboard and mouse to operate.



List of available key and mouse operations

Enter	Switch between recording and live video mode and playback mode.
D	When pressed in the record and live video mode, the delay time setting is enabled / disabled (use for adjusting camera, etc.).
Space	Switch between Play and Stop during playback mode.
E	Start encoding save while in playback mode.
UpArrow	Playback speed up during Play in playback mode.
DownArrow	Playback speed down during play in playback mode.
RightArrow	Frame feed during stop in playback mode.
LeftArrow	Frame back during stop in playback mode.
Shift	By Pressing RightArrow or LeftArrow at the same time during stop in playback mode will forward or reverse the set number of frames in the Forward /

	Reverse function behavior.
A	Return to the first frame recording data during stop in playback mode.
S	Return to the last frame recording data during stop in playback mode.
I	Specify the In point during stop in playback mode. (Leading position during playback mode playback and encoding save.)
O	Specify the Out point during stop in playback mode. (End position during playback mode playback and encoding save.)
X	Resets in out points during stop in playback mode.
Mouse WheelUp	Frame feed during stop in playback mode.
Mouse WheelDown	Frame back during stop in playback mode.

3. You can also operate with the dedicated small keyboard.



How the button works

①	ENC	Start encoding.
②	REC/PLAY	Switch between recording and playback.
③	IN, OUT	Specify the IN point and the OUT point.
④	1/4▶▶▶、 1/8▶▶、 1/16▶	Play slow-motion replay (1/4, 1/8, 1/16).
⑤	I◀◀、 ▶▶I	Stop at the first frame or last frame.
⑥	/▶	Switch between pause and playback.
⑦	◀ 、 ▶	Frame forward or backward.