

S16

4K Live Production Switcher

Release Notes

1 V1.3.0

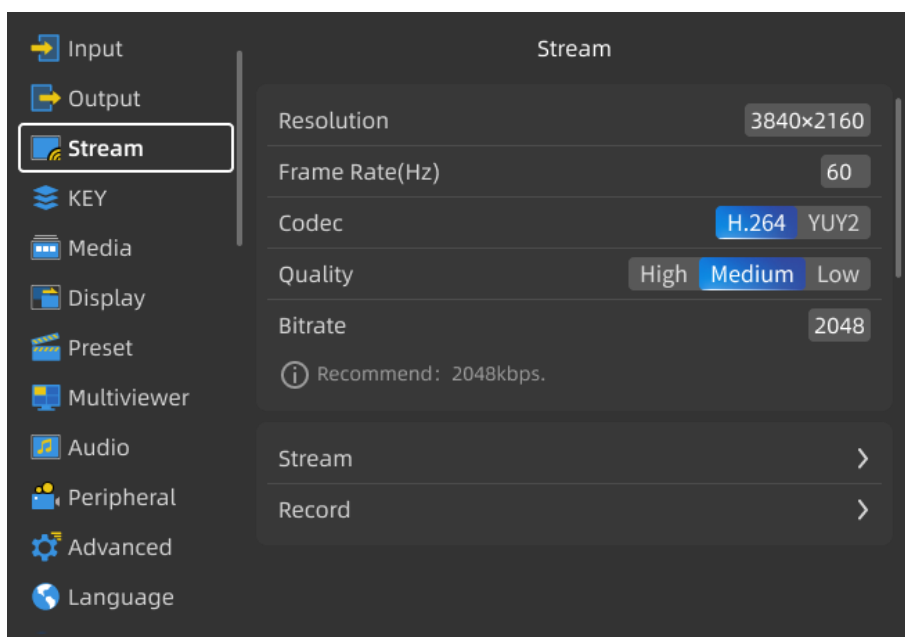
1.1 Program Version

V1.3.0

1.2 New Features

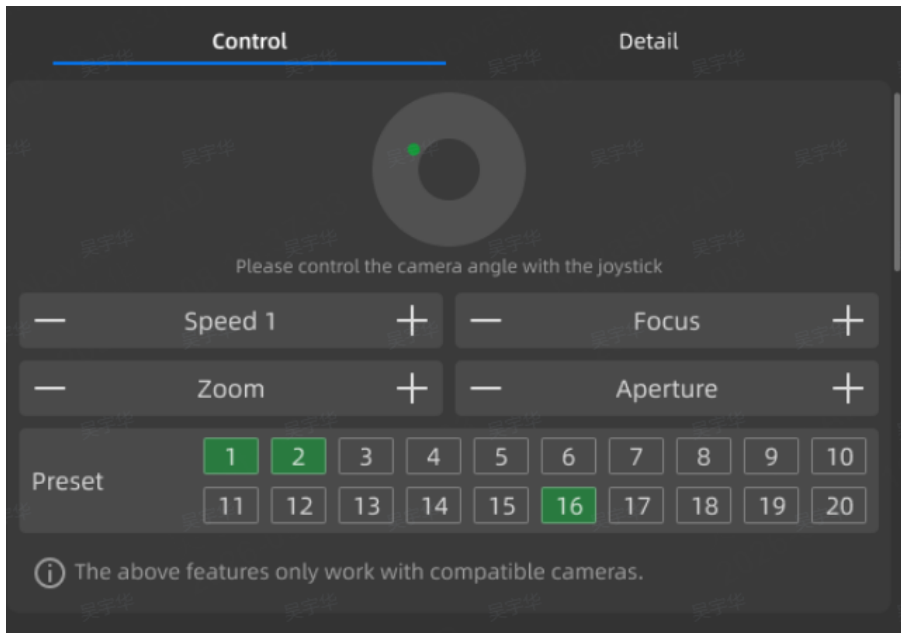
1.2.1 4K Streaming

1. Supports 3840×2160p resolution with selectable frame rates.
2. Both UVC and RTMP support 4K streaming.
3. 4K streaming supports H.264 encoding only.



1.2.2 Panasonic PTZ Camera Control

1. Supports PTZ control.
2. Supports storing presets.



1.2.3 Control API

All functions are supported via the control protocol. Key functions include:

1. Keyer: Show/hide, source switching, and property settings such as position, size, and border.
2. Presets: Save, load, and delete.
3. Camera: Add or remove cameras, and PTZ control.
4. MVR: Layout settings and switching, keyer property settings.
5. Effect: Settings, selection, and transition control.
6. Screen control.
7. Audio control.

1.2.4 Companion Protocol Adaptation

1. KEY and DSK source switching, BKGD source switching, and output source switching.
2. On air switch, next transition switch, and PVW switch.
3. Screen control: FTB, Cut, and Take.
4. Preset: Load presets, load AUX presets.
5. Stream switch, record switch.
6. Audio: Volume adjustment, audio mixing switch.
7. Hardware button operation without an interface.

1.3 Improvements

1. Improved the previous button-menu sync function.
2. The LCD interface now supports decimal input.
3. NEXT TRANS supports setting BKGD.
4. MVR now includes a 1×1 template and template-switching memory.
5. AUX mapping relationships are now displayed on the LCD interface.
6. Streaming status now shows the status of each stream, and a streaming frame rate selection has been added to accommodate common frame rates in different countries.
7. The SOURCE area now supports page flipping and no-signal button locking to prevent accidental touches during streaming process.
8. Hold down the BACK button to quickly close the menu.
9. The record/stream buttons now default to holding-down activation.
10. The audio level meter now supports switching between MIC and LINE modes, with an optimized mapping between level meter scale and actual volume.
11. Removed the image thumbnails from the media pool.
12. When there is no signal, the MVR window displays a "no signal" indicator, and the AUX MVR now displays the input source name.

1.4 Changes

None

1.5 Bug Fixes

1. Recording resource display on the MVR interface.
2. Audio issues such as MIC input volume and abnormal output audio after loading presets.
3. Menu and button optimizations (drop-down menus affecting panel button operation, and knob press actions accidentally triggering rotation).
4. Loading an AUX preset to PVW was not taking effect, and Take/Cut were also ineffective; but loading directly to PGM worked.

1.6 Notes

1. After updating, restore the device to factory settings before use.

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