

PTZ CAMERA AND ROBOTICS CONTROL

PILOT

Master your camera movements
and become a smooth operator



multiCAM PILOT is an ergonomic and intuitive interface that allows you to **control up to 6 robotic cameras and program extremely accurate movement sequences.**

This is the ideal solution to minimize operating costs because an operator can control more than one camera at a time. So during a motion recall on a **Dolly**, a **Lift** column will move up and down continuously and the operator can manually pilot a third camera on a robotic head.

multiCAM PILOT lets you use different models of cameras under a single interface, avoiding the complexity of multiple joysticks and remote controls.

With our **Control Panel**, you benefit from an ultra-precise controller whose ergonomics allow operators flexible and accurate movements with lightning-fast response times.

Three control modes



PRESETS

This is the basic mode. Click on a thumbnail to quickly recall a camera position. Any changes are detected and a button allows you to quickly update and save the stored position.

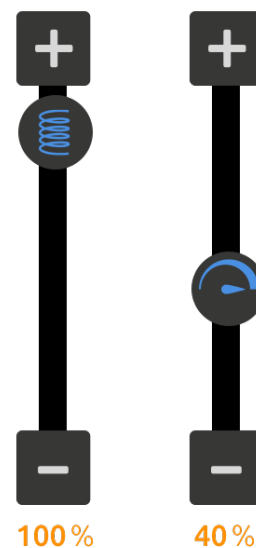


You get 6 presets per page per camera, which means 12 total presets per camera!



TRANSITION

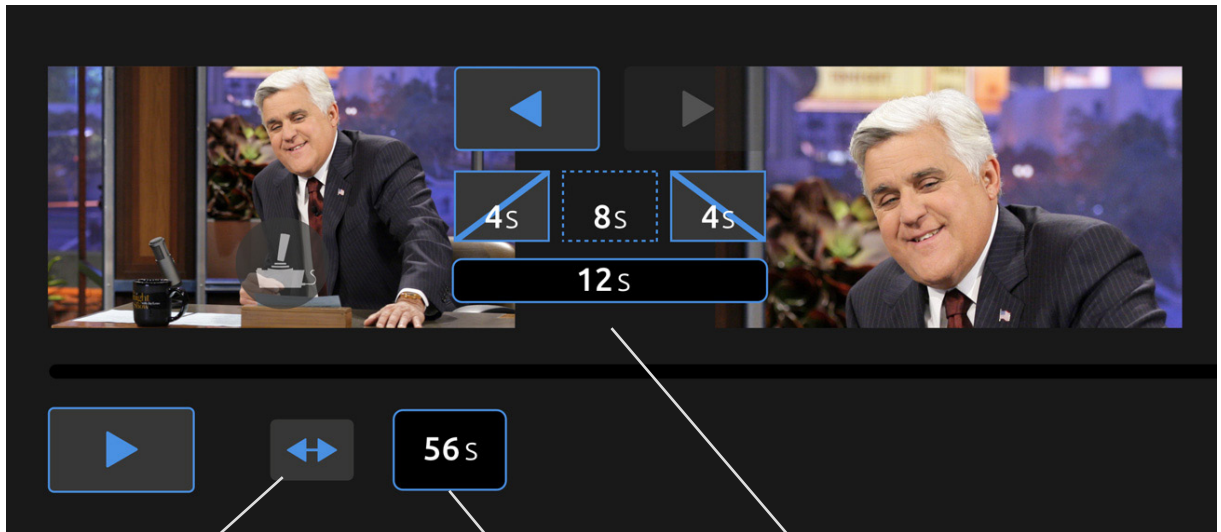
Define a transition interval with a damping percentage so that every preset calls can be controlled and always ready to go on air.





SEQUENCE

This mode is used to program motion sequences between several key positions. Thanks to the transition timings, you control each step of the the sequence.



«ping-pong» activation mode

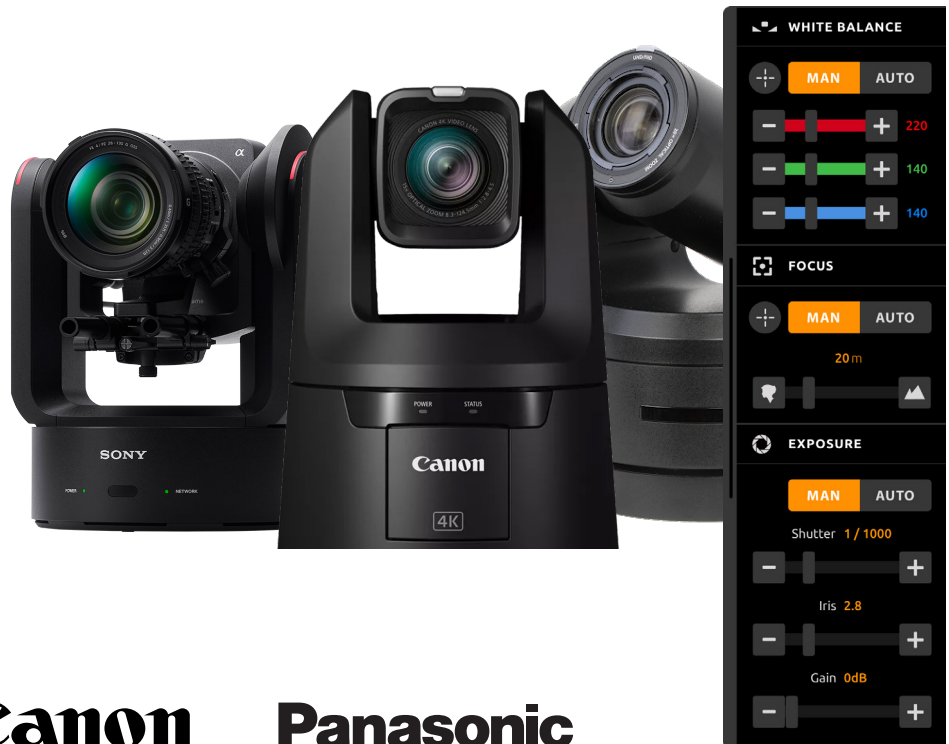
sequence total duration

transition time including fade-in fade-out

Unified control of PTZ cameras

With its unified camera controls, multiCAM PILOT adapts to all camera models, and your operator works with a single common interface.

Presets can exclude optical data so that DIT can operate color profiles separately.



SONY

Canon

Panasonic

Technical specifications



The PILOT software is installed in a multiCAM server.

In 3U format, the server contains a video ingest card that can monitor up to 6 sources in SDI 4K.

Video I/O

Up to 6 x 3G-SDI

User interface

Up to 2 x écrans (DP or HDMI)

Network

Up to 2 ports Gigabit

Data/Peripherals

- 1x 128GB SSD Hard Drive (System)
- 1x 1TB 7200rpm Hard Drive (Records)
- 2x USB 2.0
- 4x USB 3.0
- 1x 1/4" Headphones Jack

The solution comes with 1 or 2 touch screens depending on the number of cameras to be controlled.

A USB Joystick is included in the package. For the most precise control, we strongly recommend the **SPIRIT Control Panel**.



SPIRIT

www.multicam-systems.com

multiCAM
systems

CONTROL PANEL

We have designed control surfaces that allow operators precision control along with unparalleled ergonomics.



SPIRIT Control Panel offers a large choices of controllers to be assigned to any type of SPIRIT configuration.

6x Knobs-buttons + Digital screen:

For adjusting precisely at any time the speeds (Dolly, Slide, Pan, Tilt, etc...)

7x Presets buttons:

For assigning 6x «preset recall» buttons + 1 «save preset» button

12x Function buttons + 2x Digital screens:

For assigning any feature required (Homing, Camera selection, etc...)

2x Joysticks:

Left Joystick for X/Y axis (Horizontal and Vertical movements)

Right Joystick for HEAD or PTZ (Pan, Tilt and Zoom)

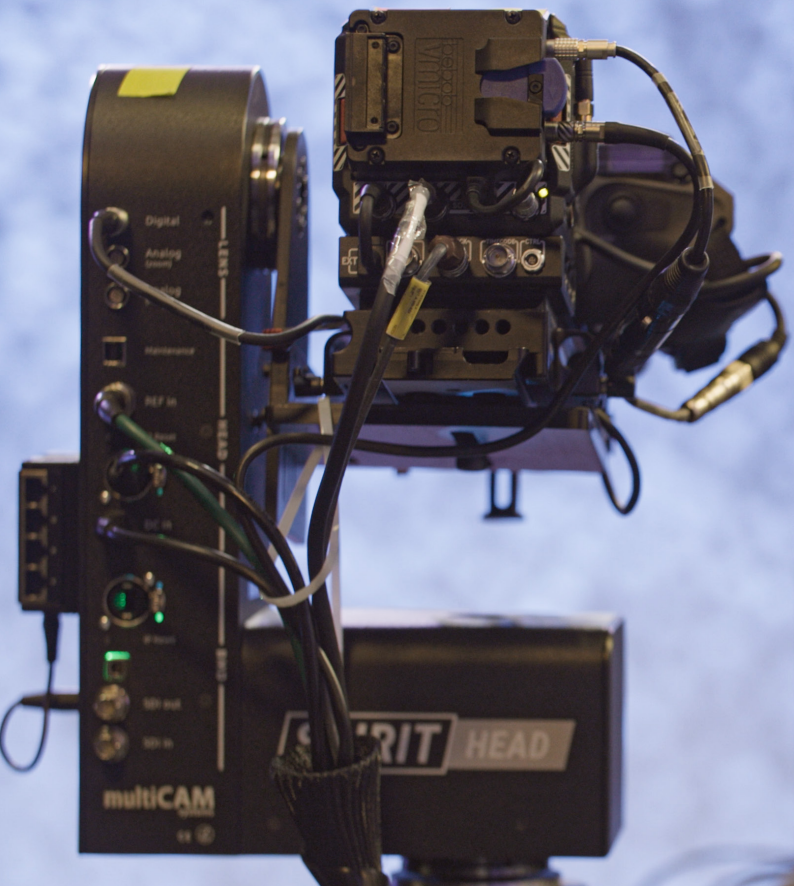
1x Jog:

Focus precise adjustment

And since an operator has only two hands, pedals can be added. The assignment of controls can be fully customized in PILOT.

With the Pan Bar option, the camera operator has the same feel as if they were actually behind the camera.

Control Panel can be purchased individually to control one or multiple SPIRIT robotics. It can be combined, as an option to PILOT to offer the perfect control interface to operators.



SPIRIT Robotic Solutions are used in various Virtual and Augmented Reality productions.

Contact us for a turnkey solution!



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www.multicam-systems.com

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Contact us to receive our pricing list
and live demo invites!

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