

## CAMEOGRIP

CameoGrip is a retro-style, electronic handgrip that can control camera and lens functions for cameras that support the LANC remote control protocol, as well as Sony cameras with a Multi-Terminal port.

It can be mounted three ways: Bolex-style under a small camera, as a handgrip on an over-the-shoulder camera, or on a pan-arm grip using a third party clamp.

### Features

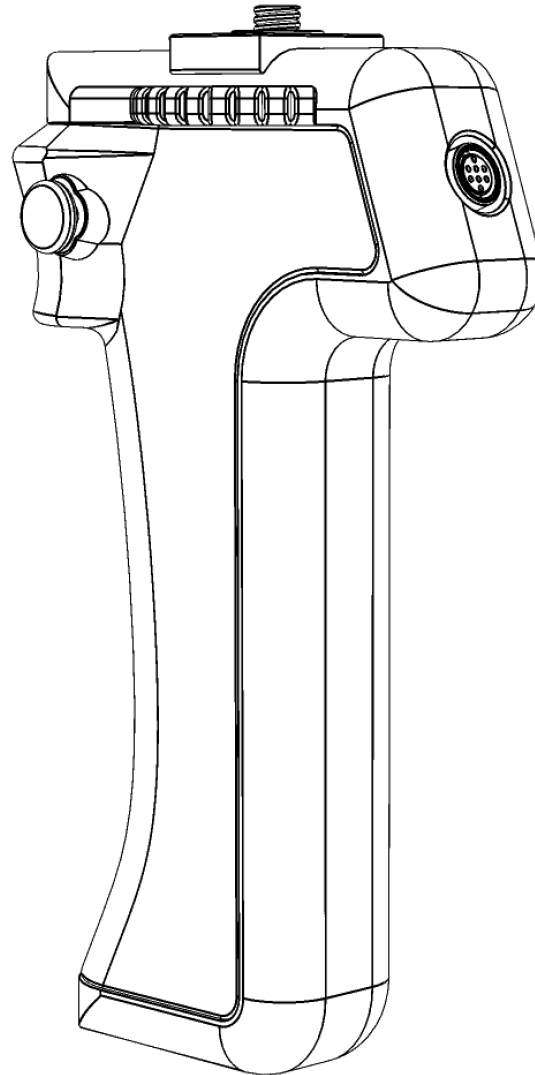
- Grip**
- Aluminum Spine
  - Stainless steel knob and screw
  - ABS housing
- Controls**
- 2 axis joystick for controlling zoom and iris (depending on camera and lens compatibility)
  - Run/Stop button to start/stop recording
  - 2x programmable buttons
- Connector**
- 1x 8-pin Hirose connector for connecting to camera
  - MicroUSB connector for firmware updates



## Connecting CameoGrip to Your Camera

Every CameoGrip includes a cable with a Hirose 8-pin connector on one side and either a Multi-Terminal or LANC connector on the other.

Connect the Hirose side of this cable to the female Hirose connector on the back of the grip. Ensure that the connectors are lined up properly in order to prevent pin damage – when the connector is properly oriented it will connect with very little resistance. Once the connector is inserted, gently turn the barrel to secure the cable.



Connect the other side of the cable to the camera. If used with a LANC-based camera, the plug is a 2.5mm round connector and will connect to a jack, likely labeled “Remote” on the camera. If used with a Sony Alpha camera, the plug will be a Multi-Terminal connector, which looks very similar to a Micro-USB plug. The jack on the camera may be labeled “MULTI” or “CHG”.

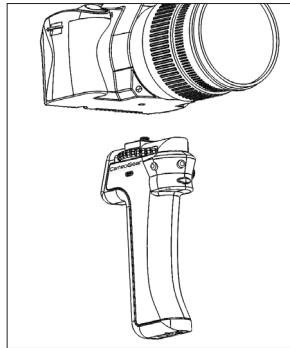
The CameoGrip will automatically detect the camera and power itself via the same connection.

CameoGrip can be mounted three different ways:

### Bolex Style



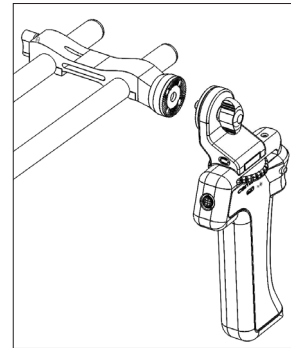
CameoGrip can be used under a light-weight camera. Use the thumbwheel to screw the grip's 1/4-20 thread into the bottom of the camera.



### Shoulder Mounted



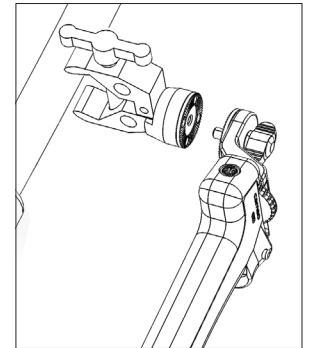
Use the included rosette adapter to attach to an ARRI-standard rosette.



### On a Tripod Pan Arm



Attach to a tripod pan arm via the Rosette Adapter using a third-party rosette clamp, such as Wooden Camera's Tripod Head Pan Bar.





## Joystick Functions

### Controlling Zoom

Press the joystick forward on the x-axis in order to zoom in. Press the joystick backward in order to zoom out.

### Controlling Iris

Press the joystick upward or downward to open or close the iris on LANC-based cameras. Note that different cameras will interpret the iris commands differently, so what may open the iris on a Sony camera will close it on a Canon camera.

**Note:** The direction and axes of the joystick functions can be reassigned using the **CameoGrip Updater** software, which runs on a Windows PC or Mac. Just connect the **CameoGrip** to the computer using its USB port.



## Button Functions

### Controlling Recording

Run/stop or recording can be controlled using the red button on the front of the **CameoGrip**. Press the button once to initiate recording and then push the button again to stop recording.

### Programmable Buttons

These buttons are pre-assigned to USER 3 and USER 4 for most LANC cameras, including the Sony FS-series, Canon C-series and Panasonic EVA1 cameras. Different functions can be assigned to the buttons using the camera's on-board menu system. On Sony Alpha series cameras, the buttons trigger a photo and focus assist.

**Note:** Different LANC functions can be assigned to these buttons using the **CameoGrip Updater** software.

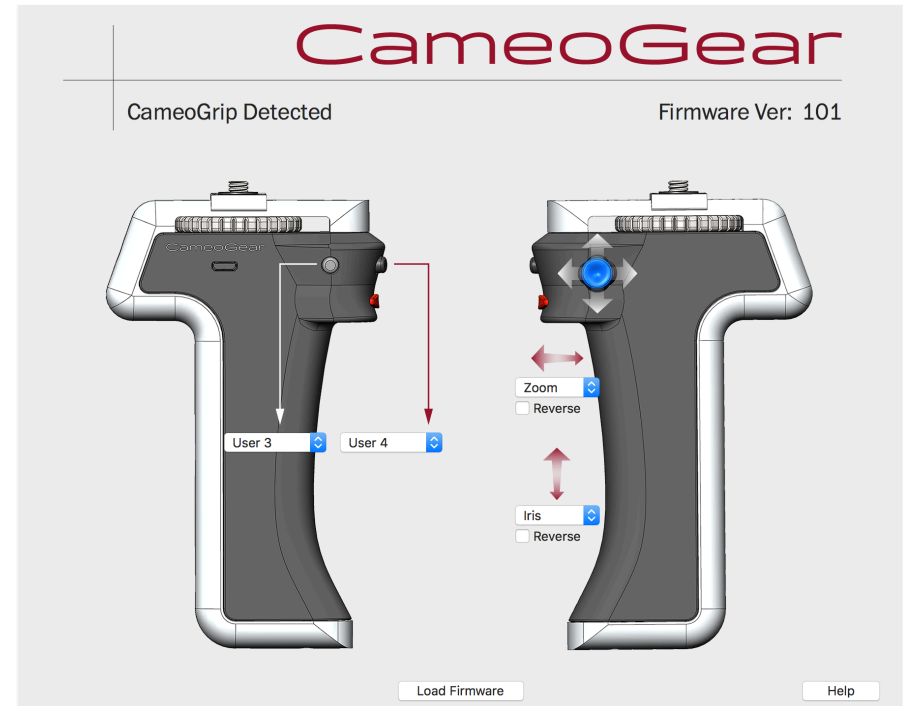
The CameoGrip Updater software, as well as CameoGrip firmware updates, can be downloaded from:

[www.cameogear.com/cameogrip](http://www.cameogear.com/cameogrip)

After installing the CameoGrip Updater, connect the CameoGrip to your computer using the included USB cable. Run the software, and it will detect the CameoGrip and display a window similar to the one shown (*fig. a*).

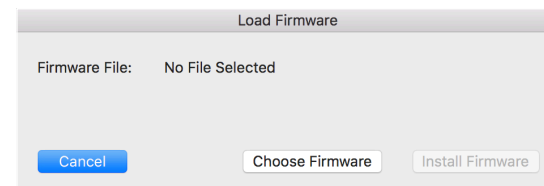
The current firmware version will be displayed in the top right corner of the window (**NB:** version 101 is the minimum version supported by the software). The four dropdown menus show the functions currently assigned to the 2 programmable buttons and 2 axes of the joystick. Select a new function from any menu, and it will immediately be assigned to the corresponding button or joystick axis on the grip. Checking the “Reverse” checkbox for either joystick drop down will reverse the direction of the corresponding function.

Thank you for purchasing the CameoGrip.  
If you have any questions, please do not hesitate to contact us at [info@cameo-gear.com](mailto:info@cameo-gear.com).



*fig. a*

To load new firmware onto the CameoGrip, first download the update file from the CameoGear site. Then click the “Load Firmware” button in the software. The following window will appear:



Press the “Choose Firmware” button, navigate to the downloaded firmware file and press the “Install Firmware” button.

AbelCine\* warrants all CameoGear products to be free of defects in materials and workmanship for a period of one year from the date of purchase.

**This warranty does NOT cover:**

- Damage or malfunction resulting from accident, misuse, abuse or neglect
- Failure to follow the supplied instructions
- Repair or attempted repair by a third party
- Adjustment, disassembly or modification of the unit

In case of a warranty claim, contact [info@cameo-gear.com](mailto:info@cameo-gear.com)