



User Manual



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Notice Before Reading

Sign Instruction

⊘ Don'ts ⚠ Important Notice 💡 Operating/Using Tips

Using Advice

YC Onion has provided tutorial videos and user manual below for Hot Dog Bun Interlink Motor. We recommend you to watch our tutorial videos before reading the user manual.

Scan and get PDF manual



Users can get the manual in PDF format through the following link or scan the QR code to ensure accurate and safe use of this product.
www.yconionapp.com:8080/userManual/HOT-DOG-BUN_User-Manual.pdf

Scan and get video tutorials



Users can acquire and watch tutorial videos from the link below to ensure to use the product correctly and safely.
<https://youtube.com/channel/UC8DQOWgKrTRWy7NyGZzm-Gw/search?query=HOTDOG>

Brief Introduction

HOT DOG BUN is able to interlink with other smart device via YC Onion App, including but not limited to: DJI RONIN series and ZHIYUN WEEBILL series, camera light (Energy Tube, Pudding), motorized ball head (Burger Motorized Ball Head).

HOT DOG BUN is attached with a 1.3 inch screen, crucial info will be displayed on it. With a stepless knob to adjust the motor's speed.

HOT DOG BUN reserved a 2.5mm shutter cable port, support to control camera shutter.

HOT DOG BUN supports HOT replacement between external battery and USB Type-C power supply. Providing an ensuring running security.

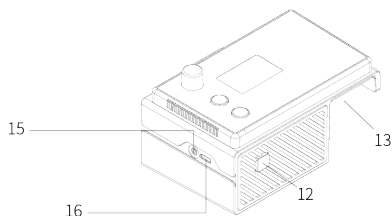
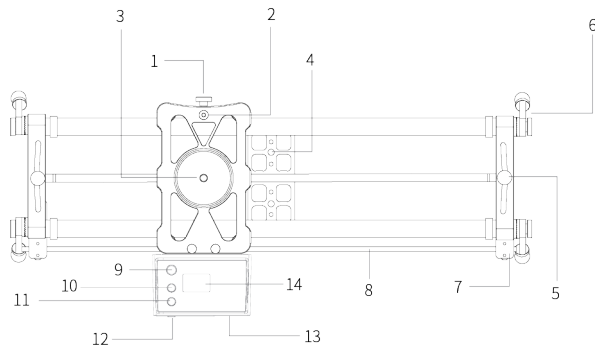
HOT DOG BUN has Point AB Memory Function, the former set Point A&B can be used next time.

HOT DOG BUN has a maximum 20kg horizontal payload, 14kg at 45 degree, 6.5kg vertical.

- 💡 · YC Onion App will support more ZHIYUN devices in the near future.
- ⚠ · Make sure to use the official shutter cable, avoid circumstances failing to control the camera shutter.
- AB points memory function can only memorize the former setting. If AB points are changed at new operating, the former memory will be covered.
- All payload experimental datas are acquired under laboratory conditions.



PRODUCT OVERVIEW



- | | |
|------------------------------------|------------------------------------|
| 1 - Locking knob | 9 - Multi-functional (knob) button |
| 2 - Gradienter | 10 - Button A |
| 3 - 3/8 Screw | 11 - Button B |
| 4 - 1/4, 3/8 screw hole | 12 - Power Button |
| 5 - Follow focus bar adjusting set | 13 - Battery Compartment |
| 6 - Arri gear upholders | 14 - Display screen |
| 7 - Rubber band clamp | 15 - 2.5mm Shutter Cable Port |
| 8 - Motor transmission band | 16 - USB Type-C power supply port |

APP Download



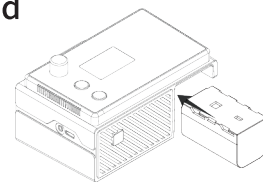
Please head over to official APP website
<http://yconionapp.com> to download YC Onion App
 or scan the QR code to download.
 YC Onion App requires Android 6.0 or later, iOS 11.0 or later.

Supports multiple languages, more languages will be added.

POWER SUPPLY Method

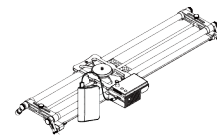
External Battery Supply

Power supplied by external battery,
 please insert standard Sony
 F550/F750/F970 (Not included) into
 the battery compartment.



Power Bank Supply

Power supplied by 5V/2A power bank,
 connected by USB Type-C to power the motor
 (10000 mAh power bank lasts about 3 hours).

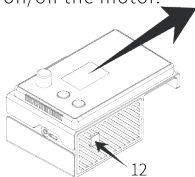


MOTOR CONTROL INSTRUCTIONS

1. On/Off:

Long press the Power Button [12]

for 2 seconds to turn on/off the motor.



```
MODE: Set AB  [||||]
STA: Stop      [  ]
DIR: -----
Ver: 1.3       [X]
```

2. Video Mode:

Long press Button A[10] to move the slider to the left, release the button to stop. Then press multi-function button[9] to confirm starting point A.

```
MODE: Set AB  [||||]
STA: Running   [  ]
DIR: <<<<
Ver: 1.3       [X]
```

After point A is confirmed,
the screen will show [A].

```
MODE: Set AB  [||||]
STA: Set A     [ A ]
DIR: <<<<
Ver: 1.3       [X]
```

Long press button B[11] to move the slider to the right, release to stop. Then press multi-function button[9] to confirm starting point B.

```
MODE: Set AB  [||||]
STA: Running   [ A ]
DIR: >>>>
Ver: 1.3       [X]
```

After point B is confirmed, the screen will show [AB].

```
MODE: Set AB  [||||]
STA: Set B     [AB]
DIR: >>>>
Ver: 1.3       [X]
```

After setting AB point, short press the multi-function button to enter video mode.

```
MODE: Video    [||||]
STA: Stop       [AB]
DIR: At B       [Once]
SPD: 100%       [X]
```

Notice: If the screen shows "Set Err", it means you set the points wrong, please follow step 2 and set again.

```
MODE: Set AB  [||||]
STA: Set Err   [  ]
DIR: <<<<
Ver: 1.3       [X]
```

3. Mission Operating:

Short press button A[10], the slider will move to Point A. Short press button B[11], the slider will move to Point B. Short press the multi-function button[9] to stop/start mission. Short press power Button[12] to activate loop mode.

```
MODE: Video    [||||]
STA: Running    [AB]
DIR: <<<<       [Once]
SPD: 100%       [X]
```

4. Speed Adjusting:

Only in "Video" mode,
turn the multi- function knob to adjust the speed of the motor.

5. Memory Function:

Memory function is to memorize the former AB points.

1. To activate memory function, please long press multi-function knob [9] for 2 seconds, the system will enter Video mode using AB points from the former setting.
2. Notice: If the screen shows "Reset AB", the memory function has been deactivated. Reasons including but not limited to: Former AB points had been set wrong, moved the motor in "Set AB" mode, error in data.
3. To activate memory function on App, please click memory function button after connecting the slider, then you can use the former AB points setting.
4. Notice: If the motor fail to function, please check if memory function is malfunctioning. Reasons including but not limited to: Former AB points had been set wrong, moved the motor in "Set AB" mode, error in data.
5. Memory function requires the firmware to be 1.2 or later. For firmware updating please check step 6.

6. Firmware updating:

1. Turn on Bluetooth and GPS on your phone.
2. Open YC Onion App, connect with the motor, click the menu icon in the top right corner, click on Firmware Update to enter.
3. Long press power button[12] for 2 seconds to turn off the motor.
4. Press and hold the multi-function knob[9], then press and hold power button[12], hold these two buttons for 5 seconds then release, the motor will enter firmware upgrade mode.
5. The updating process can not be paused or canceled. Click cancel to exit firmware updating mode. Press Button B[11] to exit firmware update mode.



Bilibili - Chinese subtitle



YouTube - English subtitle

The singularity of this method can not be guaranteed due to new update of the app.

In this case please scan the QR code for latest tutorial.

7. Firmware Restore:

If you can't turn on the motor due to false operation, please follow the steps below to restore firmware.

1. Press and hold the multi-function knob[9], then press and hold power button[12], hold these two buttons for 5 seconds then release, the motor will enter firmware restore mode.
2. Turn on Bluetooth and GPS on your phone.
3. Open YC Onion App, connect with the motor, click the menu icon in the top right corner, click on Firmware Restore to enter.
4. Click firmware restore, the system will operate firmware restore process.
5. Wait patiently for the loading bar.
6. After finishing, a prompt window will show "Finish", the motor will automatically reboot.



Bilibili - Chinese subtitle



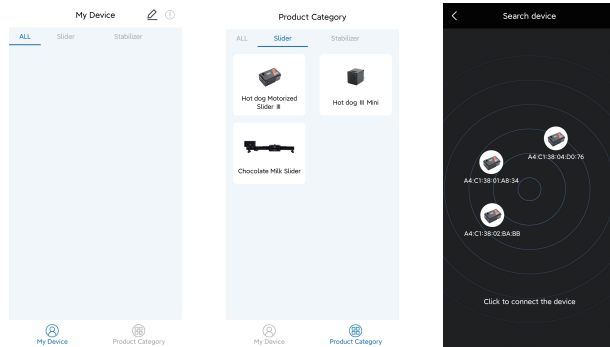
YouTube - English subtitle

The singularity of this method can not be guaranteed due to new update of the app.

In this case please scan the QR code for latest tutorial.



BLUETOOTH PAIRING



Long press the Power Button [12] for 2 seconds to turn on the motor. Turn on Bluetooth and GPS on your phone, open YC Onion App to pair. Search the product in product category - sliders. Click on the product icon to finish pairing and add to "My device" page.



bilibili



Youtube

For more details please scan the QR code

Motor Button Control Introduction

1. Motion control:

Long press Button A[10] or Button B[11] to move the slider. The screen will show <<<< or >>>>. Release to stop. The screen will change from Running to Stop.

2. Confirm A B Points:

Under "Set AB" mode, short press multi-function knob to confirm AB points, the screen will show [AB].

3. Enter Video Mode:

After setting AB point, short press the multi-function button[9] to enter video mode, the screen will show Video.

4. Mission Pause Button:

Short press the multi-function knob[9] under Video or Time-lapse mode to activate or cancel, the screen will show Pause.

5. Loop Mode:

Short press the power button[12] under Video or Time-lapse mode to activate or cancel, the screen will show Cycle.

6. Reverse at Midway:

Short press the opposite arrow button while the motor moving under Video mode.

7. Reset AB Points:

Long press the multi-function knob[9] to switch between different modes, switch till the screen show Set AB to reset AB points.



Screen Icon Introduction

1. MODE:

The screen will display "Set AB" under setting AB points mode, "Video" under video mode, "T-Lapse" under time-lapse mode.

2. STA:

Stop: Motor stops. Pause: Motor pauses. Running: Motor in motion.

3. [AB]:

Set AB points, display the confirmed AB points.

4. DIR, <<<< or >>>>:

Moving direction of the slider, moving left or moving right.

5. [Once], [Cycle]:

Single travel or auto loop.

6. SPD:

Speed of the motor, adjustable range: 1%-100%.

7. Bluetooth Paring Icon:

After connecting to phone, the icon on the bottom right corner will change from disconnect  to connect .

8. Power Supply Indicator:

After turn on the motor, the screen will show the battery/DC power supply icon on the top right corner .

9. Firmware Version:

Shown at the bottom left corner of the screen
(Only shown at version 1.3 or later).

SPECIFICATIONS

Product Name	YC Onion Hot Dog 3 motorized slider
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Model	60cm:MHDB60_B / 80cm:MHDB80_B
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	100cm:MHDB100_B / 120cm:MHDB120_B
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Material	Aluminum Alloy and Carbon Fiber
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Slider Length (in / cm)	60cm:2.17×0.92×0.39in / 66.3×28.2×12cm
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	80cm:2.83×0.92×0.39in / 86.3×28.2×12cm
--	--

	100cm:3.49×0.92×0.39in / 106.3×28.2×12cm
--	--

	120cm:4.14×0.92×0.39in / 126.3×28.2×12cm
--	--

Slider Net Weigh (lb / kg)	60cm:5.02lb / 2.28kg
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80cm:5.24lb / 2.38kg	100cm:5.46lb / 2.48kg	120cm:5.68lb / 2.58kg
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Motor Net Weight (lb / kg)	1.444lb / 0.655kg
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Motor Horizontal Load-bearings (lb / kg)	44lb / 20kg
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Motor ≤ 45° Tilt Load-bearings (lb / kg)	31lb / 14kg
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Motor ≤ 90° Tilt Load-bearings (lb / kg)	14lb / 6.5kg
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Battery Life	F970 battery ≈ 11 hours F750 battery ≈ 8 hours F550 battery ≈ 4 hours
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Screen Size	1.3 inch
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Screw Standard	Upper 3/8 screw, lower 1/4 & 3/8 screw holes
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Module Function	AB Point Setting, Video Shot Mode, Time Lapse Mode, Multi-axis Control System, Feature Update, Firmware Update
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APP Compatibility	Android 6.0 or later, iOS 11.0 or later
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Slider Function	manual / motorized pan, mechanical / motorized panoramic, mechanical / motorized parallax
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DISCLAIMER

1. The Company assumes no liability for any risks related to or resulting from the debug and use of this product (including the direct, indirect or third-party losses).
2. For any unknown sources of acquitting this product, we will not be at any services.
3. The updating and changes of product firmware and program may cause changes in function descriptions in this user manual, please read the instructions carefully before upgrading the firmware and use the corresponding user manual.
4. There may be a description that does not conform to this specification after firmware upgrade of the product. Please be subject to the latest product information which is issued in official website.
5. The Company reserves all rights of interpretation to this product.

Warranty Information

Client Info

Name _____ Phone _____

E-Mail Address _____ Address _____

Product Information

Product Name _____

Product Model _____

Date of Manufacture _____

Warranty Period _____

Warranty Regulations

1. The warranty is guaranteed for 1 year from the date of purchase;
2. Some states or countries have no limitations on how long your confidentiality is guaranteed, so the above warranty period may not apply;
3. Unauthorized disassembly or damage caused by users are not covered by warranty.

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