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Move Distance：It is calculated automatically by system, no need to set.

Because the move distance is calculated according to the route distance of the set point A&B. For example, the route distance is 100CM, the number of pictures is 360, the move distance is equal to 100CM/360=0.277CM.

Completion Time：It is calculated automatically by system, no need to set.

The completion time is automatically calculated according to the number of shots. For example, a 5-second standard timelapse video will take 120 shots. The more pictures taken, the more accurate the time is. If the number of pictures is less than 100, The less pictures taken, the more time difference is.

Shutter Synchronization Trouble Shooting:

1：Only move without taking pictures

Methods：Turn off auto focus to Manual Focus，See if the shutter cable is plugged in.

2：Slip off when in a sloping position.

Methods：The leather strap is too loose.adjust the leather strap tightly：Loosen the strap clamp screw on the slider, then pull the strap outward and tighten the strap clamp screw..

3：The picture is very shaken.

Methods：Turn off the camera to automatically anti-shake function, see if the four wheels are loose, and if they are loose, adjust the accuracy of the rail wheel.

4：Shooting in track movement.

Methods：Move the joystick left and right at any time to increase the interval time value.

Shutter Sync Shooting Tips:

A:day transit to night:

1:surroundings：The camera is away from sudden changes in light,such as a flashlight.

2：Camera settings：AV mode aperture priority，Metering：Wide range metering (Full range metering),Automatic anti-shake：off，Focus：Manual Focus，IOS:Automatic or fixed value，The aperture can select normal exposure according to the light environment，Since the shutter speed of the A-speed is automatically changed according to the change of the light, it is necessary to use the slidecontroller to adjust the interval time between the left and right. The interval is greater than the shutter time by 2 seconds to avoid shooting during the slide movement.

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It can also be M-speed manual mode, which needs to adjust IOS, shutter and aperture according to changes in lighting environment. Novices are recommended using the semi-automatic AV mode. The interval time is 2S-32S usually to increase the interval time when using the AV mode to transit day to night

B:Night transit to daytime：

1:surroundings：The camera is away from sudden changes in light, such as a flashlight.

2：Camera Settings：AV mode aperture priority，Metering：Wide range metering(Full range metering)The aperture can be selected according to the light environment.Since the shutter speed of the A-speed is automatically changed according to the change of the light, it is necessary to use the slider controller to left and right adjust the interval time. The interval is faster about 2 seconds than the shutter time to avoid shooting during the movement .It can also be manual mode, which needs to adjust IOS, shutter and aperture according to lighting environment changes.Novices are recommended using the semi-automatic AV mode. The interval time is 2S-32S usually to decrease the interval time when using the AV mode to transit-night to day.

C:Daytime standard shooting：

1：Camera Settings：

M(manual) mode, can be set according to your experience,

reference of the setting parameters：

aperture：F8-F16.White balance: off.

Automatic metering：off.

Automatic anti-shake：off，Focus：Manual，

IOS:Automatic or fixed value.

Shutter speed within 1 second (1/2S-1/200S)

Reference of Interval time setting：

Shooting the trajectory of the shadow on the ground：10~20s

Shooting the fast moving clouds：3~4s

Shooting the trajectory of the sun in the sky：20~30s

Shooting the trajectory of the sunset：3~4s

Shooting the crowd in the city：3~4s

D:Moving stop motion animation

1：Camera Settings

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M(manual) mode, can be set according to your experience.

Move stop animation set steps as follows:

Set position A and position B-Choose synchronous shutter-Shots stop-Object movement-Shots start-Shots stop-Objects movement-Pictures synthesis。

B: Move continuously:

Direction:A-B,B-A
Total time:00H 01M

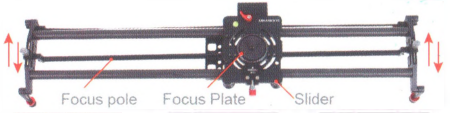
Set track firstly if you want to set the continuous movement,and then set the total time of video shooting.

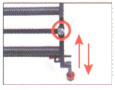
H means hour,M means minute,shown as the picture:00H 01M.

Complete the total setting track.(The time is not so precise,it may have some deviations)

The way is applied to those cameras that have no shutter cables for daytime video shooting,such as for Gopro camera,cellphone timelapse shots.If the shutter speed is slowly,the video would be blurred when the camera is shooting and moving at the same time.

How to set the Follow Focus and Scanning



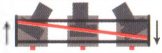


Adjust the angle of tracking dolly bar when you loose the white knobs at two sides

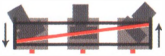
Adjust the tracking dolly pan loose degree when you press the white knob

Adjust the slider and lock the slider when you press the red knob

Set the track dolly function



Set the panoramic function



The red knob on the slider need to make it face yourself,and then confirm the direction of camera lens.

Set the track dolly bar as the picture shown,and please notice the orientation of camera lens.

It is the panoramic mode when the camera lens turn towards outside,and it is the tracking dolly mode when the camera lens turn towards inside.

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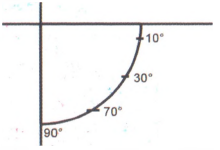
Slider rail climbing technical parameters

Angle diagram (Slope description)



The Maximum load of the slider vertical climb: 1.4KG

Setting Point A/B (There is a certain error in the value)

weight	1.16KG		
slope	30°	60°	90°
noise	26	26	26
speed	90%	90%	90%

weight	2.21KG		
slope	30°	60°	90°
noise	26	26	26
speed	95%	90%	80%

weight	1.67KG		
slope	30°	60°	90°
noise	26	26	26
speed	90%	90%	80%

weight	2.73KG		
slope	30°	60°	90°
noise	26	26	26
speed	85%	70%	40%

Slider horizontal movement

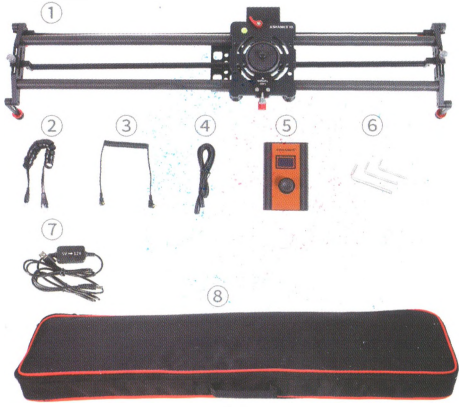
weight	1~3KG	3~5KG	5~8KG
noise	15~26	15~26	15~26

❷

Basic introduction

·The necessary equipment for the photographers, complete your shooting experience with photographers' aesthetics.
·The S2 Stepper Slider used unprecedented precision design, make the photographers can take the perfect photos wherever they are.
·Made of carbon fiber, which has unprecedented smooth feel.
·Ultra-quiet,create smooth mute sliding era and ingenuity makes a great success.
·Silky screen experience, shoot your own touch with your hands.

Component Description

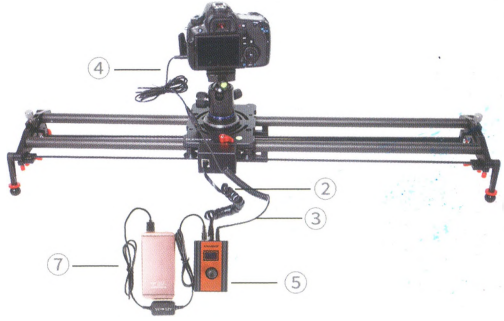


① S2 Stepper Slider
② A controller line (controller signal line)
③ Shutter Release Cable
④ A shutter extension cord
⑤ Controller
⑥ Wrench
⑦ Power Bank Adapter (Only compatible 5V mobile power turn to 12V.)
⑧ Carry Bag(No battery, the 12V polymer battery shall be purchased by yourselves.)

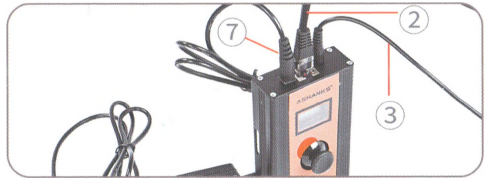
❸

Product Installation

Product installation is as the picture shows



② A controller line
③ Shutter Release Cable
④ A shutter extension cord
⑤ Controller
⑦ Power Bank Adapter (Power bank shall be buy yourselves.)



❹

Controller Instruction

Main Interface

Video Shot
Time Lapse
Set A to B

Real-time Video

Continue Moving
Manual Trans
Auto round:YES

Time lapse

Shutter Sync
Sychro-APP
Auto Shooting

Press to up
Press to left
Short press to Enter
Press to right
Press to down
Long press 3 seconds will return to the main interface

Routing

Do you want to reset the travel (YES/NO) (Press "Enter" After "YES")

Set Point A
Rotate to A
Press the Enter

Set Point B
Rotate to B
Press the Enter

❺

Controller Instruction manual

Setting Route

- ①Use power bank with USB connection to charge slider.
- ②Shake down and then choose route, press the Enter.
- ③Whether reset the route? Shake to left choose YES, press the Enter. (Shake to right choose NO.)
- ④

- ④Keep the slider to the left to get to position A, release the joystick, and press the Enter.Set position B: Keep the slider to the right to get to position B, release the joystick, and press the Enter. Finish setting.

Note: Setting route will not be saved after shut down, you need to set the route each time power on.

Video Shoot

- ① Need to set the route and then enter.
- ② Choose Video Shoot, short press the Enter.

Here have 3 options:

Continue Moving (short press the Enter, long press return to the main interface.)

Direction: A→B,B→A —— A→B/B→A/Pause
Speed: 0~100% —— Slowest~ Fastest, use up and down to control
Position: 0~100% —— Current location

(Auto round trip: YES. Continuous movement: Slider will keep moving from A-B.Auto round trip: NO. Continuous movement: Slider will stop when finish moving from position A.)

❻

B: Simulated hand push: (Long press to left or right , move to A or B, Pause when release)

(Short press to confirm entry, long press to return to the HOME)

C: automatic round trip: left-yes, right-no (yes = om, no = off)

(shaking it left and right here, long press to return to the HOME)

Time-lapse shooting and Video mode compatible with mobile phone, GOPRO motion camera. The mobile phone comes with anti-shake function will have a slight shake when video shooting, so you can adjust low speed of motor to reduce shake, cutting software plus anti-shake in post-processing.

Using Tips:

an ultra-quiet motor controller that can be recorded simultaneously with the microphone.Before the video mode shooting, you need to turn off the anti-shake function of camera . If you use a 200mm telephoto lens to shoot, it will slight shake due to the center of gravity and you can add anti-shake in post-processing.

Time lapse:

Note: You must enter the time-lapse photography function after setting the route. You need to use the software to synthesize photos as video.

Camera Setting:
1. Turn off auto focus to Manual Focus on the lens(or it will can't work)
2. Turn off anti-shake on Camera Setting (or it will shake)

2 modes of time-lapse shooting:

(Short press to confirm entry, long press to return to the HOME)

A:shutter sync:Take a step for one picture, using camera M mode or AV mode, this mode is suitable for weak change light during the day

B:Continuous movement:It is suitable for GOPRO phones and camera which do not shutter release.

Enter shutter sync:

❼

Interval: 001S
Photos: 150
Direction:A-B,B-A
Tot Time:06.7M

A: shutter sync: Compatible with SLR cameras it needs shutter release cable , so synchronizes the controller shutter with the SLR shutter.

Note: (The shutter release is a shutter cable and not a shutter controller)

Setting:

1.Interval time: 1-1000 seconds, use left and right control.
The interval time is between each photo taken. The adjustment interval is 1 second - 999 seconds. Please note that the daytime interval should be greater than 2S>(1/2S-1/8000S).If it is less than 2s, the camera will move synchronously on slide rails during shooting .If the long exposure shutter time is 1-30S at night, the interval time needs to be add 2S on the shutter time

For example, take 30 seconds long exposure, and the interval time should be set to 32 seconds.
The shutter time is: - Slow shooting - Shutter shooting - High speed shutter shooting.
Slow shooting exposure time:suitable for night shooting, exposure time interval 30S-1S 1S-1/30S.
Shutter shooting exposure time:suitable for daytime shooting, exposure time interval 1/60S-1/200S.
High-speed shooting exposure time:suitable for shooting high-speed moving objects.
Exposure time interval 1/200S-1/8000Ssynchronously

2.Number of shot: 1-9999 plans pieces , use left and right control.
One picture is equal to one frame, one second is equal to 24 picture synthesis, taking 5 seconds of video at 24 frames per second as an example, which is equal to the 5 seconds of time-lapse shooting it need take 120 pictures , if you take one shot every 3 seconds, the 5 seconds of timelapse needs 360 seconds, equal 6 minutes.