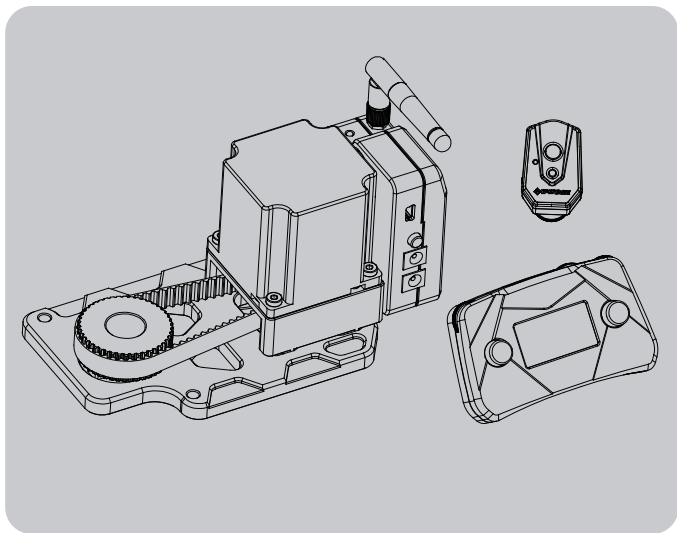


S1A1

INSTRUCTION OF WIRELESS MOTORIZED CONTROLLER
SYSTEM FOR SHARK SLIDER S1

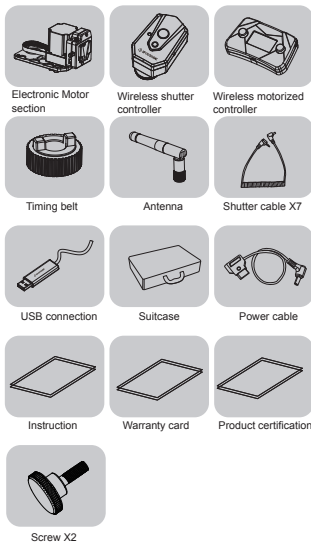


 **IFOOTAGE**®

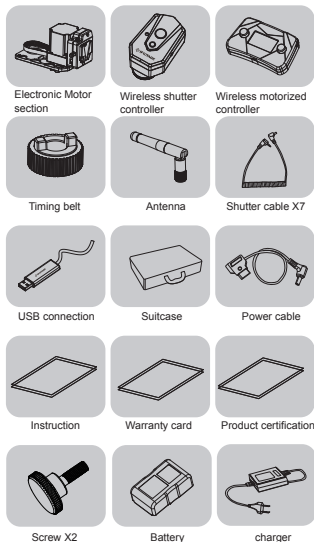
DK0228001

LIST OF ARTICLES

S1A1s



S1A1



* Remark: DO NOT lose any article mentioned above

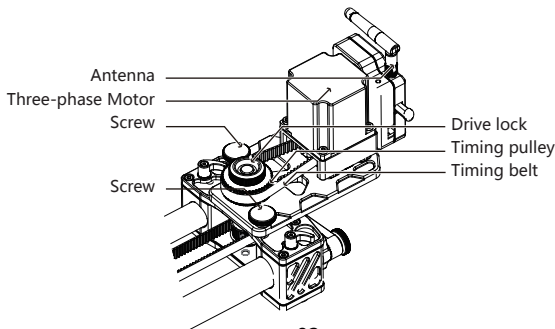
Technical Data

| | | |
|----------------------|---------------------------------|-------------------------------|
| Speed Range | 1mm/s~160mm/s | |
| Location Accuracy | 0.01mm | Load Max 8KG |
| Motor Power | 8-32W | Output Voltage Range 14.8-24V |
| Using Frequency | 2.4GHz | Induction Distance 20m |
| Speed Control Method | Adjustable-speed, Gearing speed | |

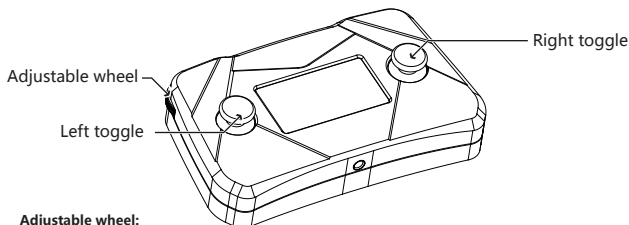
FEATURES

1. 2.4GHz wireless controller, video shoot, time-lapse shoot, time-lapse shoot in the fixed seat etc.
2. Save time for photographers by using the humanistic method and interface of controller.
3. With the technical of three-phase induction motor in the low noise and high location accuracy, the location accuracy reaches 0.01mm, the adjustable speed reaches 1-160m/s
4. Usage of module combination, every module has its independent chip, the wireless controller can separately work for Motor section on iFootage Shark Slider, wireless shutter port, wireless steadycam etc.
5. Include 3 types of power consumption and 95WAH battery. The working time reaches 10~12H in 25% of power consumption for the continuous video shoot, 16H for the time-lapse video shoot. Max load reaches 7.0~8.0kg with 100% of power consumption when the slide is in vertical position.
6. Record 9 types of traces in the controller, which can be unlimitedly repeatedly used for the video shoot and lapse video shoot.
7. Original preview of time-lapse video shoot greatly improve the success rate of video shoot.
8. Simple and classic design, easy to carry.
9. Display the good characteristic of flexibility and dynamics on the aviation level aluminum alloy, the anodized surface of aluminum alloy has higher hardness and better durability.
10. One-button update system, update the functions from time to time.

Motor section



Wireless controller



Adjustable wheel:

To adjust the speed range at 1~160mm/s.

left toggle:

Control the toggle from left to right to choose the different functions, or back to the previous menu by push the left toggle, or hold it to enter the frequency rate setting.

Right toggle:

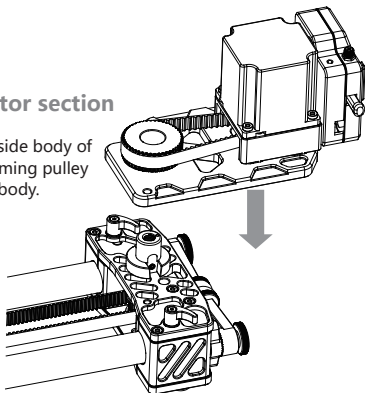
Confirm to proceed the function you choose after pushing the right toggle, or push the right toggle up and down to increase or decrease the data in setting.

Install Guideline

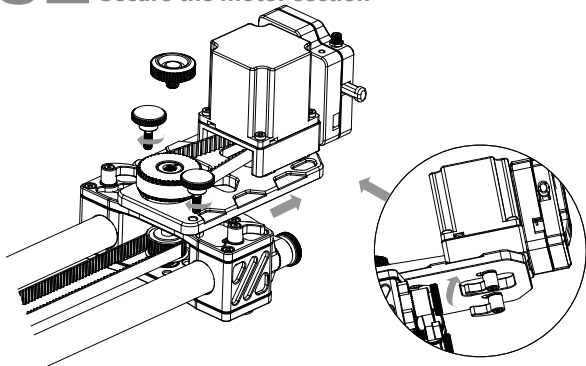
01

Install the motor section

Install the motor section on the side body of the shark slider, make sure the timing pulley is correctly installed on the side body.

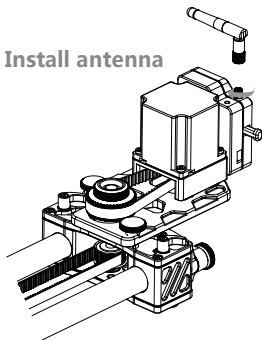


02 Secure the motor section



Tighten 2 screws clockwise on the top of the motor section, then lock the timing pulley with the drive lock. Push the motor outward until the drive belt is tight then locking the 2 knobs clockwise on the bottom of motor section.

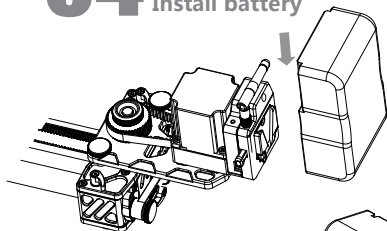
03 Install antenna



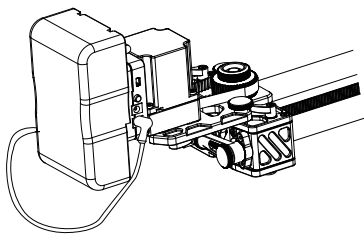
After installing the motor section, turn the antenna on the antenna base clockwise.

04

Install battery



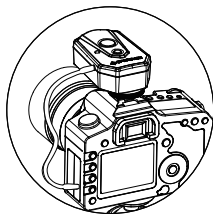
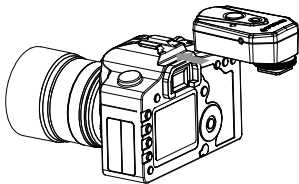
Install the battery on the V-mount of motor section, then connect the power cable.



05

Install wireless shutter controller

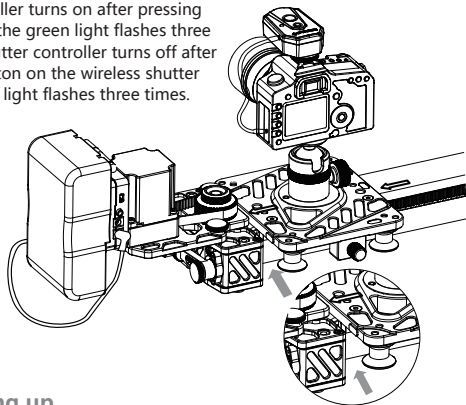
Install the wireless shutter controller into the camera's hot shoe, and connect the shutter cable to the camera.



06

Move slide

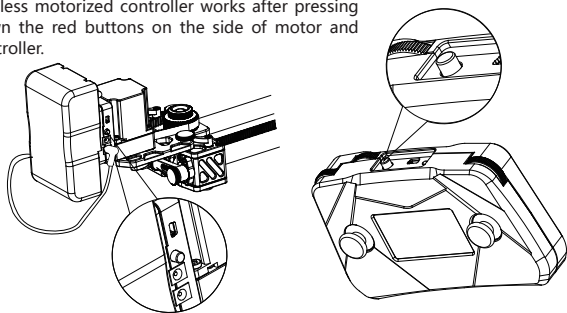
Move the slide close to the motor section, the wireless shutter controller turns on after pressing the small button until the green light flashes three times; The wireless shutter controller turns off after pressing the small button on the wireless shutter controller until the red light flashes three times.



07

Starting up

As shown in the picture, the motor section and wireless motorized controller works after pressing down the red buttons on the side of motor and controller.



Operation of wireless motorized controller



Manual control the trace of slide



Automatic operation based on the recorded traces.



Record the trail of slide, which can be used for the video shoot and lapse video shoot



Achieve the individual time-lapse video shoot with the fixed lens via iFootage wireless shutter controller.



Achieve the time-lapse video shoot via iFootage wireless shutter controller.



System sets up



System settings

Distance set 1050mm ●

Power used 25%

Back light 30 s

語言 Lang English

X✓ U✓ V✓  Z✓

Reset to defaults !

Version



Distance set: The default distance is 1050mm, it is suitable for the iFootage Shark Slider S1 bundle, reset up the distance is required if using other version of iFootage Shark Slider.

Power used: If changed to 100% of power consumption, it is suitable for 7~8kg load of camera when it shoots in vertical position; 50% of power consumption is suitable for 5~6g load in vertical shoot; 25% of power consumption is suitable to shoot in horizontal position.

Back light : To set up the time of the back light.





Language: Set up the language to either Chinese or English.

Reset to defaults: Clear up the customized setting.


Version: Check the versions for all systems.






Manual Menu

| | | |
|---|-------|---|
| X  | 0mm/s | 0.0mm |
| U  | 0d/s | 0.0° |
| V  | 0d/s | 0.0° |
| Z | 0 Lv3 |  |

Operate the slide with the motorized system via manual.


 Toggle icon for adjusting the speed via the left toggle on the wireless motorized controller by manual, or use the adjustable wheel to set a fixed speed for the slide.


 *Current* It shows in the toggle operation mode  or the adjustable wheel operation mode , as well as the current speed.


LV3 To increase or decrease the value of damping force via the adjustable wheel, the damping force has 4 levels from LV0~LV3.





Record Menu


X ✓ 1234 0 mm 200s 


U ✓ 1234 0 200s 


V ✓ 1234 0 200s 

Z ✓ 1234 0 200s 

 Save data packet, save total 9 records for the trace in permanently, the latest record covers the oldest records when the quantify of the recorded traces exceed 9.

 Start recording icon

Choose  into the menu to set up the parameter, speed and starting point damping force level.

Choose  and press the right toggle on the wireless motorized controller to start recording trace. The direction of record is either from left to right or right to left. Controller will record the variable speeds, direction and distance of slide.



Auto Menu

X ✓ 1234 0 mm A-B 1 →

U ✓ 1234 0 1 → 1200s

V ✓ 1234 0 → 00s

Z ✓ 1234 0 → 00s

Based on recorded traces , the automatic trace , A-B operation and A-B-A operation of the slide can be achieved can be achieved.

When choose the "trace" , the slide will operate in variable speed, direction and distance based on the defined record picked up from the existing records.

Refer to automatic shoot a cycle from starting point to end point, finally back to the starting point with an even speed.

Refer to shoot between the A starting point and the B end point with an even speed.

Means that the slide back to the original position with fastest speed.

Means that the slide can automatically operated once.

Means that the slide can automatically operated in the infinite loop.

1200s Means the total time of operation

00s Means it is the time to increasing the speed.

00s Means it is the time to decreasing the speed.



Means the curve for increasing or decreasing speed.

Refers to increase the speed, Refers to decrease the speed.



Lapse

NUMBER MODE

TIME MODE



Quantity mode:

Customized setting. This shoot mode is based on the quantity that the users set up,press the right toggle on the wireless motorized controller to set up the menu.

NUMBER MODE

Quantity total 20P

Exposure 0s


Intervals 2s













Shoot quantity: Depends on User-defined .

Exposure time: Automatically set up by the system

*Need to Input data only when the camera is on Bulb mode, other modes defaults as 0.
Interval time: Set up the interval time between 2 shoots.

 Choose the existing record (choose different record via the right toggle on the wireless motorized controller.

 Choose next page or previous page, next page will show the ease in and ease out menu.

Ease in 0 P 
Ease out 0 P  Preview
Total time 20:20:20
      

Ease In

Set up the quantity of ease in photos

Ease Out

Set up the quantity of ease out photos

Preview

Based on the quantity of photos, demonstrate the effect of post-production
Synthesis rate : 24P, 25P, 30P, 50P, 60P can be selected.

synthesized time :


The automatic data is generated by the system based on the quantity of photos and synthesized rate.






Preview:

Press the right toggle on the wireless motorized controller, the slide will demonstrate the post-production to get the movie effect.

Shoot time:

The automatic data is generated by the system based on the quantity of photos or the interval time.

 Automatically start the time-lapse shoot with interval

-  Automatically start continuous time-lapse shoot
-  Back to the original position with fastest speed
-  Show the current mode-quantity mode
-  Value of signal and the amount of connected port
-  Remaining capacity of battery

Sub-menu under the quantity mode

```

X      0mm/s   00%  ▶
U      0d/s00:00:00
V      0d/s           0P
Z      0  [1] [L]  [Signal] [Battery]
  
```

- X 0mm/s The value of coordinate for the slide.
- 00% The rate of process of video shoot presently.
- ▶ Start or Pause
- U 0d/s00:00:00 The running time
- 0P Quantity of shoot
- [1] [L] Present setting


TIME MODE [L]

Time mode: Customized setting, the shoot mode is based on the total time that the users set up, the setting of time mode is similar to the quantity mode mentioned above.



Shutter Menu

The camera which installing the wireless shutter controller can be used either on the iFootage Shark Slider or other photographic equipment such as tripod, pan head .

Quantity total 20P
Exposure 0s
Intervals 2s
00:00:40 

Quantity total:


Exposure : The system control the exposure time in the camera

*Need to input data only when the camera is on Bulb mode, other modes defaults as 0.

Interval : Set up the interval time between 2 shoots.

00:00:40: Automatically calculated by the system based on the quantity or time of shoot, only for reference.

 Start shoot, and enter into the sub-menu.

Total time 00:00:20
Quantity total 20 P
00:00:00 0 P
0.0% 

Shoot time: Total time of shoot after setting up.

Shoot quantity: Present total quantity of shooting.

00:00:00 "Elapsed time of shooting" .

0.0% The rate of process of video shoot presently.

*We can pause the shoot during running after pressing down the right toggle on the wireless motorized controller, and back to the previous menu after pressing down the left toggle.

NOTES

1. Keep it away from the rain or humanity to avoid the risk of fire and electric shock.
2. Keep it away from the high pressure magnetic field, medical equipment and airplane, in case of magnetic disturbance .
3. Keep the input voltage within 14.8-24V, higher or lower voltage would cause

- unpredictable damage to the equipment.
4. Avoid to use the device without protection under the dust environment and rain weather to prevent the equipment from failure.
 5. DO NOT change the launch frequency unauthorized, DO NOT connect other antenna or change to other launch antenna unauthorized.
 6. The iFootage battery in 14.8V with B output and V mount port is most recommended. Or 14.8V-24V(3A above) DC power supplies are also worked. Make sure the battery is full or high volume before using, please charge the battery on time when it is in low volume. shut off the power of equipment suddenly during working may cause damages to the equipment as well as the camera.
 7. The working light on the motor section flashes green color once in 2 seconds to indicate the working condition is good; The working light flashes red color once in 0.2 seconds when the power is lower than 14V; Please charge the battery on time when the working light turns red without flash.
 8. Do not put hand near the timing belt or both side of slider to avoid finger clipping.
 9. Please use the Mini USB cable to connect the battery or the data cable to the direct current in time when the power is running out in the wireless motorized controller, the indicate light will turn on during charging, the current should within 0.5A~1.2A. The battery will be affected if not used over 1 year.
 10. Treat the equipment violently, disassemble it or change its structure without authorization is strictly prohibited. Any physically damage to the equipment is also not allowed.
 11. Before turning on the motor, make sure the slide has been moved to the motor.
 12. iFootage will update the systems for the terminal controllers from time to time, please check and download the systems from official website at: www.iframegear.com

CERTIFICATE OF CONFORMITY

The manufacture declares that the iFootage Motorized Controller System S1A1 for iFootage Shark Slider S1 is in compliance with the essential requirement of CE certificate.



AFTER-SALE SERVICE

1. Warranty term.

- 1) iFootage provides limited support on the electrical parts if there is any performance failures are caused under the normal use.
- 2) The warranty period is 1 year from the date of purchase.
- 3) During the warranty period, iFootage will offer free replacement or repair service within the warranty scope.

2. Situations that are not included in the warranty term.

- 1) Users disobey the iFootage user manual while installing or operating your iFootage products.
- 2) Performance failure caused by abrasion, abuse, improper operation or chemical reagents.
- 3) Performance failure caused by intermixed with non-iFootage Parts.
- 4) Performance failure caused by modifications.
- 5) Performance failure on electronic device caused by liquid infiltration.
- 6) Performance failure caused by electronic interference.
- 7) Performance failure on electronic parts caused by using poor quality battery or linking an unreasonable voltage source.
- 8) Performance failure caused by incidents or man-made functional faults such as transportation, collision, operational errors or connecting inappropriate input voltage etc.
- 9) Performance failure caused by irresistible factors including but not limited by fire, earthquake, lightning etc.
- 10) Damage or loss during the shipping. Please consult to the relevant logistics corporation.

3. Paid-Service.

Choose paid service when performance failure occurs beyond the warranty range.

- 1) From the time you purchased iFootage products within a year, you only have to pay for the cost of material and shipping. Within a year from the purchase date, customers only pay for material and delivery cost.
- 2) From the time you purchased iFootage products after a year, you have to pay for the test, repair, material and shipping. Beyond the warranty period, customers have to pay for all relevant cost including but not limited the test, repair, material and delivery.

4. Service procedure:

- 1) When performance failure happened to product, please contact local distributor/ seller immediately in order to confirm the failure condition, service scope and service mode. Meanwhile, please offer the following detailed information:
 - a) iFootage product purchase vouchers.
 - b) Detailed description of the incident such as the weather, environment, operation and performance.
 - c) Customer' s contact information.
- 2) iFootage or global distributor/seller strictly follows the after-sale service to confirm service scope .
- 3) Users may have to pay for the repair necessary according to damage assessment which iFootage or global distributor/seller will contact you to confirm whether it's satisfied for customer. For the repairable parts you can choose to replace under the range of warranty scope; otherwise it will declare as a disabled product while beyond warranty range.

5. Shipping Fee

- 1) Users in China Mainland do not need to pay for the return shipping if iFootage product has a performance failure during the warranty items. Beyond the warranty items, users have to pay for the shipping fee out and back.
- 2) Users outside the China Mainland have to contact the local distributor/seller for centralized treatment in order to save shipping cost.



IFOOTAGE INTERNATIONAL (HK) LIMITED

Origin: Guangdong, China
www.ifootagegear.com