# **Ty02**

## **Smart Protective Case Controller Manual**

Thank you for choosing this product. Please read this manual carefully before use to obtain correct installation, use and debugging methods. We hope you have a pleasant use.

#### **General Introduction:**

Smart Protective Case Shooting Artifact--- Smart Protective Case, which allows you to take pictures professionally and conveniently as SLR cameras by the iPhone mobile phone. This artifact is a "Smart Protective Case " called "Transformers", developed from the inspiration of cat's claw. Through the new APP software developed from cat's claw (Application software can be installed by scanning two-dimensional code on the box or searching "Smart Protective Case Shooting" in the Apple app store), and with Bluetooth to connect the mobile phone, the shooting can be made as simple and professional as SLR, being powerful and practical, and capable of being controlled easily with gloves in winter. The artifact is suitable for ios Apple system (iPhone7). The mobile phone camera SLR manual function can be achieved through the application software, so as the wireless control of mobile phone functions: manual zoom, manual focus, manual white balance, manual IOS, manual shutter, and manual EV; Half-pressing the shutter can make autofocus, or using screen mode switch to make it fully automatic, in addition to taking pictures and video, the delay automatic shooting is increased with interval time from each 2-30s set freely; With manual focus function, focus range can be set on the software, controllable focus in depth of field can also be made, which is usually known as setting AB AF; With manual zoom function, zoom range can be achieved on the software. (Note: The camera zoom of Apple phone and iPhone7 is digital zoom, and the APP software can achieve 10 times of zoom function.)

## **Software Features:**

Setting Menu Function:

- 1. The resolution, which is automatically based on the highest resolution of the machine to return to different levels;
- 2. Set the shooting video frame rate, which can be set as: 24,25,30,60;
- 3. Set the direction of the hand wheel to adapt to personal habits;
- 4. Set the coding quality, choose a different coding quality according to the demand and machine capacity;
- 5. Set anti-shake function(require machine support);
- 6. Set flash lamp, which can be set as be automatic, forced to be opened and closed;
- 7. Set the shooting delay time of each shooting interval: 2s, 5s, 10s, 15s, 20s, 25s, 30s;
- 8. Set the language: Chinese, English;
- 9. Set the battery type: the device is used with 3.7V battery
- 10. Set the focus range, the default is the full range of focus;
- 11. Set the zoom range, the default is 0-10, which is 10 times of digital zoom;

#### **Instructions:**

- 1. In the first use, download and install the Smart Protective Case APP first in the app store in the mobile phone by searching "Smart Protective Case Shooting" on the store or scanning two-dimensional code on the box.
- 2. Open the controller battery cover; install the 7 AAA battery with paying attention to the polarity of the battery, and then cover the battery cover; long press the controller shutter button for 3 seconds, then the controller is on, blue light flashes;
- 3. Open the phone application software, point the setting, find the Bluetooth in the first column, point to open it. If the controller is on, it will display the name of the Bluetooth controller, with "Smart Protective Case" at the beginning followed by five digits; If only one cat-claw controller is on when using, it will display one device; If there is more than one cat claw controller in the boot state and not connected by other mobile phone, it will display more than one device, and the controller is chosen by the users; The blue light in the controller will always bright if connected successfully and flash if without connection.
- 4. The controller has three knobs, and a shutter button, which is in the state of shooting if the camera is pressed, in the video state if the press is in the video, in stop state if pressing again, starts to take pictures if pressing again in shooting delay state, and stops taking pictures with another press; In the mobile manual focus mode, auto-focus function can be achieved with half-press of the shutter button for 0.5 seconds; Of the three knobs in the controller, the front one is to control the zoom and focus, a cycle of switching zoom and focus can be made by one press, and the zoom and focus control can be achieved by turning the knob; On the left of the back knob are a shutter and an IOS adjustment button, press the knob to switch the shutter and IOS function, and turn the knob to adjust these two functional parameters; The left knob is to adjust the white balance and EV value, press the knob to switch, and turn the knob to adjust the parameter of white balance and EV;
- 5. Red indicator light starts flashing when battery power decreases, then please replace the battery as soon as possible. When the red indicator light is on, replace the battery immediately so as not to turn off the controller automatically.
- 6. The controller will automatically shut down if without any action for 15 minutes, nor in the video or shooting delay state.
- 7. Without use of controller for a long time, please remove the battery, so as not to damage the machine due to leakage.

## **Warranty Terms:**

Service Term: Since the date of purchase based on the invoice or receipt issued by the seller, with based on the trading day screenshots of online shopping, if the machine failures to work in the normal use of the product from the date of sale within 7 days, the customer can choose to return or replace it (It can only be returned without affecting the secondary sales), and the fault free warranty can be achieved in the normal use within one year;

Free warranty service cannot be provided in the following conditions:

- 1. All man-made damage;
- 2. Damaged due to customers' unauthorized disassembly, modification and repair;
- 3. Damaged due to inadvertent fall in use;
- 4. Damaged due to battery leakage;

#### **Packing List:**

Mobile Phone Controller X1 Manual X1

## **FCC Statement**

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- -- Reorient or relocate the receiving antenna.
- -- Increase the separation between the equipment and receiver.
- -- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- -- Consult the dealer or an experienced radio/TV technician for help.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.