

# altek

## Quick Start Guide

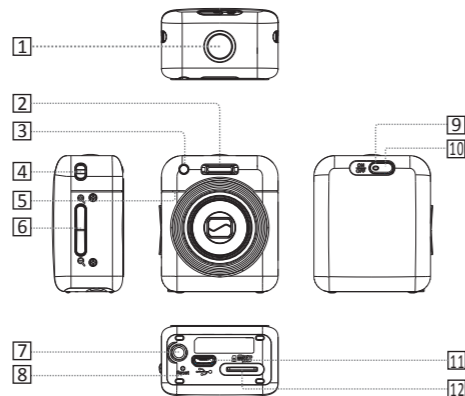
# Cubic Model: C01

EN



### About the camera

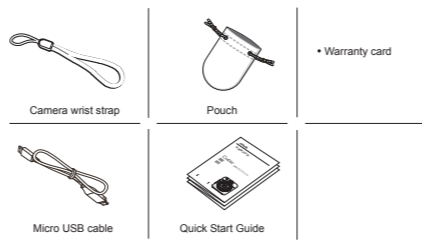
#### Camera components



- |                    |                          |
|--------------------|--------------------------|
| 1 Shutter button   | 7 Tripod thread          |
| 2 Flashlight       | 8 Reset button           |
| 3 Status indicator | 9 Power indicator        |
| 4 Wrist strap hole | 10 Power button          |
| 5 Microphone       | 11 Multi-functional slot |
| 6 Zoom button      | 12 Memory card slot      |

#### Accessories

Please make sure the following accessories are included in the package:



#### Installing Cubic Camera application

Please download and install Cubic Camera application on your smartphone before using it. If you already have the application installed on your smartphone, please update it to the latest version.

##### Android

Search "altek Cubic" in Google Play.



##### iOS

Search "altek Cubic" in App Store.

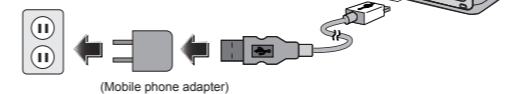


### Charging the camera / Inserting the memory card

#### Charging the camera

Please fully charge your camera when using it for the first time. It takes about 3 hours to fully charge the camera.

- 1 Switch off the power before charging.
- 2 Connect a mobile phone adapter (5V/1A or above) with a mobile phone Micro USB cable for charging. When charging, the power indicator continues to blink. When charging is completed, the indicator goes off.



In case you do not have a mobile phone adapter, you can connect the camera to a computer for charging. When charging is completed, the indicator stays on.

#### Inserting the memory card

Please insert a MicroSD/SDHC memory card before taking any photo.

- 1 Press the memory card into the slot until it clicks.
- 2 Press again to eject.

- Please note that any adapter (5V/1A) or MicroSD memory card are not included in the package.
- You are allowed to take 2MP photos even if a memory card is not inserted, and the photos will be transferred automatically into your smartphone.

### Connecting with your smartphone

#### Connecting with an Android smartphone

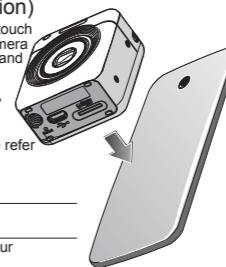
##### NFC (Near Field Communication)

Turn on NFC\* on your smartphone. Gently touch the back of your smartphone with Cubic camera until Cubic Camera application is launched and the lens protrudes.

- Please unlock the screen first. Otherwise, the connection cannot be established when the smartphone screen is locked.
- \*For more information about NFC, please refer to the phone manual.

##### Wi-Fi

- 1 Switching on the camera.
- 2 Launch Cubic Camera application on your smartphone.
- 3 Choose the camera ID\*\* with which you want to connect.

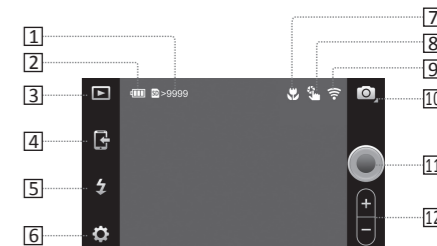


#### Connecting with an iPhone/iPad

- 1 Switching on the camera.
- 2 Choose Settings > Wi-Fi on your iPhone/iPad.
- 3 Choose the camera ID\*\* with which you want to connect.
- 4 Go back to Home, and launch Cubic Camera application on your iPhone/iPad.

- The actual time needed for connection depends upon the network environment and the type of smartphone you use.
- If the lens remains protruding or does not respond to any operation, please press the Reset button at the bottom of the camera with a paper clip.
- \*\*ID information is specified at the bottom of the camera. Cubic-XX:XX:XX:XX:XX:XX

### Taking photos / Recording videos



#### Application screen:

- |                             |                                      |
|-----------------------------|--------------------------------------|
| 1 Number of shots remaining | 7 Macro mode indicator               |
| 2 Battery level remaining   | 8 Touch-to-shoot indicator           |
| 3 Viewing photos            | 9 Wireless signal strength indicator |
| 4 Download from Camera      | 10 Mode selection                    |
| 5 Flashlight control        | 11 Shutter button                    |
| 6 Settings                  | 12 Zoom button                       |

## Taking photos / Recording videos

### Taking photos

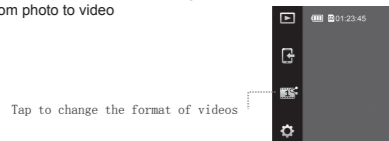
In the shooting mode, the camera takes photos with all settings, except the flashlight control.

- 1 Launch Cubic Camera application on your smartphone.
- 2 Use the shutter button on the screen of your smartphone or on the camera to take a photo.

When a photo is taken, the 2MP copy will be transferred automatically into your smartphone, and the 13MP copy will be saved in the memory card in the camera.

### Recording videos

Before you start to record videos, please change the shooting mode from photo to video



- 1 Use the shutter button on the screen of your smartphone or on the camera to record a video.
- 2 Press again the button to stop recording.

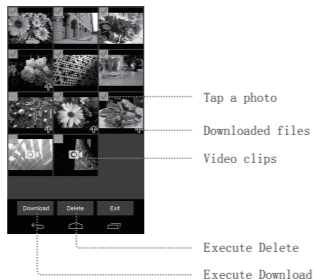
After the recording is completed, videos categorized as Fast Sharing 1 and Fast Sharing 2 will be transferred automatically to your smartphone. Full HD videos are saved in the memory card in the camera.

- To obtain more stabilized and perfect images, we suggest you take photos using the shutter button on the screen.

## Downloading photos from the camera / Viewing photos on your smartphone

To view high-resolution photos/videos, please use "Download from Camera" function to download 13MP photos and Full HD videos to your smartphone.

- 1 On the application screen, tap "Download from Camera".
- 2 The download screen will appear, where users can select photos/videos to download.
- 3 When the selection is completed, tap "Download".
- 4 After the download is completed, tap "Exit" to return to the application screen.



To view photos you have downloaded, tap "View Photos" on the application screen to access Gallery on your smartphone. Users can also access Gallery from the main screen of the application to view the photos.

## FAQ

- 1. How do I install Cubic Camera application on my smartphone?**  
Please make sure that your smartphone provides NFC connectivity: If NFC is available, please contact the NFC of Cubic Camera with the NFC of your smartphone to automatically download the application from Google Play. If NFC is unavailable, please search "altek Cubic" or "Cubic Camera" in Google Play and install Cubic Camera application.
- 2. What if I cannot find Cubic Camera application in Google Play?**  
Cubic Camera application only supports Android 4.0 or above. Please make sure your operating system is supported.
- 3. How do I connect Cubic Camera with my smartphone?**  
Please make sure that your smartphone provides NFC connectivity: If NFC is available, please contact the NFC of Cubic Camera with the NFC of your smartphone to switch on the camera and the application for pairing. If NFC is unavailable, please switch on Cubic Camera and launch Cubic Camera application for pairing.
- 4. Why can't Cubic device be found through my smartphone?**  
Please make sure you have switched on Cubic Camera, and then reopen Cubic Camera application.
- 5. Why can't I switch on Cubic Camera/application through NFC?**  
Please make sure the NFC function has been turned on. When the NFC sign on the back of Cubic appropriately aligns with your smartphone where the NFC sign is marked, you may wait for the camera and application to turn on.
- 6. How do I charge Cubic?**  
Please use a standard Micro USB cable and a 5V/1A power adapter (recommended).
- 7. What is the maximum size of memory card supported by Cubic?**  
It supports MicroSD cards up to 32GB and Class 2/4/6/8/10.
- 8. How do I save the data inside Cubic Camera?**  
You can use your smartphone to download images from Cubic, or you can use the USB connection to copy images to your computer.
- 9. Why can I find other Cubic SSID when opening Cubic Camera application?**  
There are other Cubic Cameras existing in the environment you are in. Please choose the right SSID according to that specified at the bottom of your Cubic.
- 10. Can I switch on and use Cubic Camera when charging?**  
Yes, you can switch on Cubic Camera when you are charging it with a travel or portable charger.
- 11. Why can't I use the Internet when my smartphone is connected with Cubic?**  
The Wi-Fi network will be turned off when you connect Cubic with your smartphone through Wi-Fi.
- 12. How do I change the date/time?**  
The date/time of the camera will be adjusted automatically to the date/time of your smartphone.
- 13. Why does the lens of Cubic Camera remain protruding or why doesn't respond to any operation?**  
Please press the Reset button with a paper clip to switch off the camera and reboot it.

## More information about Cubic

### About the shooting mode:

- Face detection is a default function in the shooting mode.
- Users can turn on/off the touch-to-shoot function in the setting menu.
- Users can turn on/off the macro function in the setting menu.

### About the size of images/videos:

#### Image resolution:

13MP (4160 X 3120)

#### Video resolution:

Full HD (16:9): 1920 X 1080

Fast Sharing 1 (4:3): 640 X 480

Fast Sharing 2 (1:1): 640 X 640

### About viewing the photos:

- Users can choose to view high-resolution images or videos from "Download from Camera".
- Before sharing photos, you have to switch the Wi-Fi hotspot from the camera to other Internet hotspots.

### About switching off the camera:

- Press the power button to switch off the camera.
- By default, the camera shuts itself off if it does not detect any operation within the period of 5 minutes. The default period can be configured in the setting menu.

For more detailed information about Cubic, please refer to the support website:  
<http://www.altek.com.tw/cubic/>

## Product specification

Size of images/videos	Image: 13.2MP Video: Up to Full HD
Size of photos	2MP (1600×1200) 13MP (4160×3120)
Size of videos	1080/30p (1920×1080) (length no longer than 29 minutes, and size within 4GB) Fast Sharing 1 (4:3 / 640×480) Fast Sharing 2 (1:1 / 640×640)
Distance of the built-in flashlight (auto ISO)	W: Approx 0.3-1.7m T: Approx 0.5-0.7m
Image sensor	1/3" CMOS
Focal length	30~90mm (3X)
F-number	F3.3~5.9
Shutter speed	1/4~1/1600 sec
Maximum capacity for 13MP photos	Internal memory: Approx 4 photos Supported memory card: up to 9600 photos for 32G
Supported memory card	MicroSD/SDHC
Battery capacity	Photos: Approx 220 (at 23°C) Videos: Approx 1 hour and 20 minutes (at 23°C)
Face detection	●
Touch to focus	●
Touch to shoot	●
Macro mode	●
Automatically transferring to the smartphone	●
Downloading photos from the camera	●
Micro USB connector	●
Dimension	52.5X45X26mm
Weight	Approx 65g (battery included)
Operating temperature	0~40°C
Operating humidity	<90%
Supported mobile operating system	Android 4.0 and above, iOS6 and above

Note: The design, specification or information of this product is subject to change without further notice.

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## FCC ID application

### Federal Communications Commission Interference 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.

### Caution

Any changes or modifications not expressly approved by the grantee of this device could void the user's authority to operate the equipment.

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.

### RF Exposure Information (SAR)

This device meets the government's requirements for exposure to radio waves. This device is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government.

The exposure standard employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 W/kg. Tests for SAR are conducted using standard operating positions accepted by the FCC with the EUT transmitting at the specified power level in different channels.

The highest SAR value for the device as reported to the SAR value is 1.312W/kg when placed next to the body.