MGCOOL

E X P L O R E R   P R O

User Manual

Download the App

Product features

1. Water proof up to 98 feet (30m) with a waterproof housing required.
2. 2 inch TFT screen for videos and image preview.
3. Detachable battery for easy replacement and help.
4. Extend product lifespan.
5. Record videos while charging.
6. HD wide angle lens.
7. HDMI Output.
8. PC Camera.
9. Supports TF card memory expandable up to 64GB (Maximum).
10. Supports multiple video resolutions: 4K/2K/1080P/720P.
11. Supports MP4 recording format.
12. Supports multiple photo shooting modes: Single shot & Snapper.
13. Video encryption enabled.
14. Super lightweight, small in size and available in 2 colors.

Product structure

1. Power/Mode 2. UP
3. DOWN 4. LENS
5. TF card slot 6. USB slot
7. HDMI 8. OK
9. Battery door 10. Battery door latch

Package contents

	1xMGCOOL Explorer Pro with waterproof case
	1xCamera Bracket
	1xClip
	1xUSB data cable
	1xBicycle stand
	1xAdaptor
	2xHelmet base
	1xUser manual 1xWarranty card

Getting started

To power ON:

Long press the Power/Mode button (①) to turn on the camera

To power OFF:

(1). Long press the Power/Mode Button (①) to turn power off.

(2). The camera will turn off automatically if there is no operation within setting time.

Modes and Settings

Turn the camera on and repeatedly press the Power/Mode button to cycle through camera modes and settings.

The modes will appear in the following order:

📹	Video	Record Video
📷	Photo	Capture a single photo
🎦	Time-lapse	Time-lapse video

▶	Play back	Playback Video and photo
⚙	Settings	Adjust camera settings

Settings

Press the OK button to enter the settings menu.

Repeatedly press the Power/Mode button to cycle through options and press the OK button to select desired option.

Video setting	
Video Resolution	4K 30FPS/2.7K 30FPS/ 1080P 60FPS/1080P 30FPS/ 720P 120FPS/720P 60FPS/ 720P 30FPS
Recording sound	ON/OFF
Time-lapse	Close/0.5s/1S/2S/5S/10S/30S/60S
Loop Recording	Close/2min/3min/5min
Slow motion	1080P 60PFS/720P 120PFS
Photo	
Photo Resolution	16M/12M/8M/5M/2M
Timed	Close/3S/5S/10S/20S
Auto	Close/3S/10S/15S/20S/30S
Drama shot	Close 3P/S 5P/S 10P/S

Common setting	
Exposure	-3---+3
White balance	Auto/Suny/Cloudy/ Incacdescentlight/FluorescentLight
WiFi	ON/OFF
Image Rotation	ON/OFF
Driving Mode	ON/OFF
Light Source Frequency	Auto/50Hz/60Hz
LED Indicator Light	ON/OFF
Auto Screensaver	10s/20s/30s/Close
Auto Shutdown	1min/3min/5min/Close
Time Watermark	ON/OFF
Settings	
Language	Language
Date-Time	2017/1/1 12:00:00
Format	Confirmation/Cancel
Reset To Factory Settings	Confirmation/Cancel
Firmware Version	******
Press OK To Exit	

Video mode

1. To record video,please make sure TF card inside.
2. Press the Power/Mode button to turn on the camera and switch to recording mode and there will be an icon "▭" in the upper left corner of the screen, press the OK button to start video, and the timer starts counting, meanwhile a time indicator flashes.
3. Click the OK button again to stop recording, and the time indicator disappears.

Picture mode

1. To take photos, please make sure TF card inside.
2. Press the Mode button to switch to photo shooting mode, and there'll be an icon "▣ "in the upper left corner of display screen. Press the OK to take photos.

Slow motion

1. To record slow motion video, press the Mode button to switch to slow motion recording mode.
2. If there is an icon"▧ " in the upper left corner of the screen, press the OK button to start video. While a video is recording, a time indicator will

display and flash on the LCD screen. Press the
OK button again to stop recording.

Time-lapse

1. Press the Mode button four times to enter the
settings menu, then press OK button and Down
button to select Time-lapse mode. Press OK
button to choose an interval time, then exit
settings menu.
2. When shooting in time-lapse mode, the icon "◎"
will shows in the bottom left corner of the
screen, press the OK key to start recording
videos at set intervals, at the same time a time
indicator will display and flash on the LCD
screen.

Playback

Playing back video and photos.
1. Press OK button repeatedly to enter playback
menu.
2. Press Up/WiFi or Down button to select files,
then press OK button to playback video.

Battery

1. Install and remove the battery
a. Press upon the battery cover to open it.
b. Insert the battery correctly according to the
polarity marks (+ or -), then press the cover
firmly.
c. To remove the battery, press on the battery
cover and take out the battery.
2. Charging
a. Charging can be done either connect the
camera to computer or power adapter.
b. When directly connected to car charger the
camera can be recharged in the car. (Turning on
the car charging mode is required)
c. Support charging while recording a video.
d. Charging can be done when the camera is
powered off.

Wifi connection and App Control

1. Install "MGCOOL Explorer Pro" APP on
mobiledevices by scanning the QR on the
backcover.The app can be free downloaded
from App store or Google play.
2. WiFi connection.

a. Power on the camera and press the UP/WiFi button, a WIFI icon will show on the screen, and later WiFi account: ******** and Password: ******** displays. (The initial Password is "12345678".)
b. Enable WIFI on a mobile phone and search the specific WIFI account showed on the camera. Tap the name to connect and type in the password.
c. After entering the new WIFI password and confirm the connection.
d. After Explorer Pro software operates on a mobile phone, images recorded by the camera will be real-time displayed on a mobile phone. You can operate via related icons related to the software or set function parameters of the camera.

Specification

Waterproof	Waterproof Case, 30m depth
CPU	Allwinner V3
Wifi	13m
High lights	4K30FPS, Sony IMX179 Sensor, waterproof,"Sharkeye" Lens, Intergrated Wifi module,APP control
Display	2 Inch TFT Screen(320*240)
Sensor	Sony IMX 179
Lens Angle	170 degree wide angle
Video Resolution	4K(3840*2160)30fps, 2.7K(2688*1520)30fps, 1080P(1920 x 1080)60fps/30fps, 720P(1280*720)120fps/60fps/30fps
Image Resolution	2M/5M/8M/12M/16M
Compression Mode	H.264
Image Format	JPEG
Video Format	MP4
Battery	1050mAh Li-ion battery/ 4K working time 100 mins
Charging	5V/1A,about 2 hours
Interface Type	Micro USB&HDMI
Extended Memory	64GB TF card(Class 10 or above)
Products Weight	55g
Products Dimension	59*41*29mm

Warnings

1. Keep it safe from falling and dropping.

2. Keep it distant from any strong magnetic interference objects like electrical machine to avoid strong radio waves that might damage the product and affect the sound or image quality.

3. Don't expose the product directly to high temperatures or strong sunlight.

4. We recommend using high quality Micro SD card for the best results.

5. Don't place your TF card near strong magnetic objects to avoid data error.

6. In case of overheating, unwanted smoke or unpleasant smell from the device, unplug it immediately from the power outlet to prevent hazardous re.

7. Keep it away from children while charging.

8. Store the device in a cool, dry and dust free location.

Keep the card for guarantee to keep in repair

Guarantee

User File

User name		Sex		Age	
Address					
Telephone					
Product name					
Purchasing Add			Model No.		
Dealer signature			User signature		

Guarantee Item

1. 30 days upon date of purchase,if there is function problem,we should offer the same item subject to goods and packing maintain perfect.

2. 1 year upon date of purchase,we will guarantee to keep the goods in repair.(not including fittings)

3. Guarantee service is subject to normally using.

4. All of damage by man-made(tear open the housing,tear off the sticker,unnormally using),or losing this card,we will not guarantee.

§ 15.19 Labelling requirements.

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.

§ 15.21 Information to user.

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

§ 15.105 Information to the user.

Note: 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.

* RF warning for Portable device:

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.