USER MANUAL

apexcam M80 Pro

ACTION CAMERA

apexcam
4K Pro EIS WiFi

Made in China

UK CA · FC · CE · R: 210-137732

Dear customer,
We really appreciate it that you choose **ƎPEXCƎM** among
so many brands.

ƎPEXCƎM has been attaching great importance to product
qualiy and customer satisfaction.We sincerely hope you can
make a few suggestions during your use to help us improve our
products.

As a professional designer, manufacturer and online seller of
electronic products and outdoor supplies, we will publish more
and more products in the near future. Stay tuned please.

It is undeniable that electronic products will inevitably produce
imperfect products during production and transportation.So if you
meet any questions or receive a faulty product, please contact us
on time.
1. Our after-sales team will immediately get back to you and solve
   your problems as soon as they receive your email.
2. All of our products are covered by one year warranty and 30 days
   money back without any excuse. We will send you a new
   replacement once we confirm the faulty product.
So what you need to do when encountering any problem or doubt
is just to contact us at supports@apexcam.com

We are here at your service!
Kind regards,
ƎPEXCƎM Support

YOUR M80 Pro BLACK

1. Power / Up / Down button
2. Mode / Exit / WiFi button
3. Shutter / Select / OK button
4. Micro SD slot
5. Micro USB slot
6. HDMI port
7. Microphone interface
8. Lens
9. Screen
10. Battery

GETTING STARTED

Welcome to your new M80 Pro . To capture video and photos, you need a micro SD card (sold separately).

MICRO SD CARDS
Use brand name memory cards that meet these requirements:
1. micro SD, micro SDHC, or micro SDXC
2. Class 10 or UHS-I rating
3. Capacity up to 8~ 64GB (FAT32)

Note: Please format the micro SD card first in this camera before using. To keep your microSD card in good condition, reformat it on a regular basis. Reformatting erases all ofyour content, so be sure to offload your photos and videos first.

POWERING ON + OFF
To Power On: Press and hold the Mode button for three seconds. The camera beeps while the camera status light is on. When information appears on the LCD display or the camera status screen, your camera is on.
To Power Off: Press and hold the Mode button for three seconds. The camera beeps while the camera status light is off.

SWITCHING MODE
To Switch Mode: Press the Mode button to switch the mode.

EXITING MODE
To Exit Mode: Press the Mode button to exit mode.

There are 8 modes: Video, Photo, Video Playback, Photo
Playback, Video Setting,Photo Setting,
General Setting and System Setting.

VIDEO MODE
Video Mode is the default mode when you turn on the camera.
In Video Mode, Press Shutter button, the camera starts recording
video. Press Shutterbutton to stop recording video.
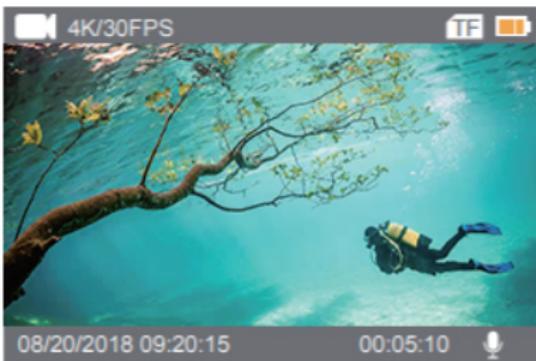
PHOTO MODE
Press Mode button once to switch to Photo Mode after you turn
on camera. In Photo Mode, press Shutter button, the camera
takes a photo.
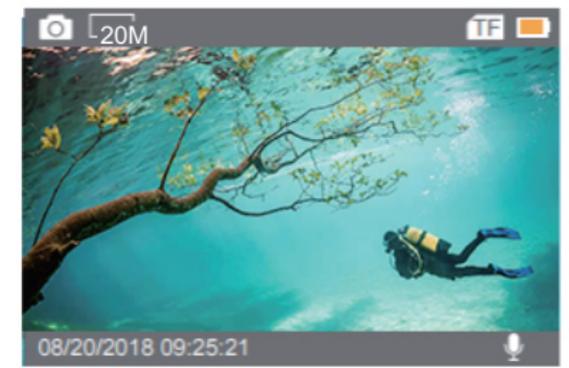
VIDEO PLAYBACK MODE

Press Mode button several times to switch to Video Playback Mode. In Video Playback Mode, press the Up / Down button to scroll through the video files. Press Shutter button to open video in full-screen view. Press and hold the Up button for 3 seconds to delete the video.

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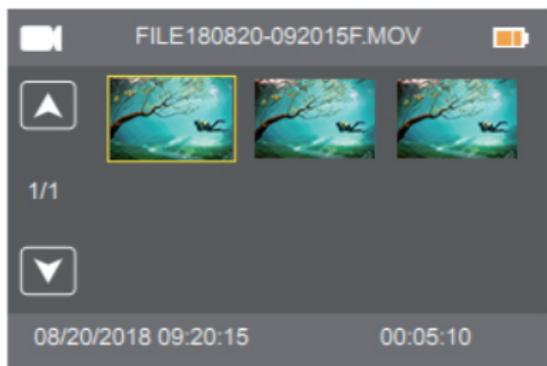
PHOTO PLAYBACK MODE

Press Mode button several times to switch to Photo Playback Mode. In Photo Playback Mode, press the Up / Down button to scroll through the Photo files. Press Shutter button to open photo in full-screen view. Press and hold the Up button for 3 seconds to delete the photo.

VIDEO SETTING MODE

Press Mode button several times to switch to Video Setting Mode.
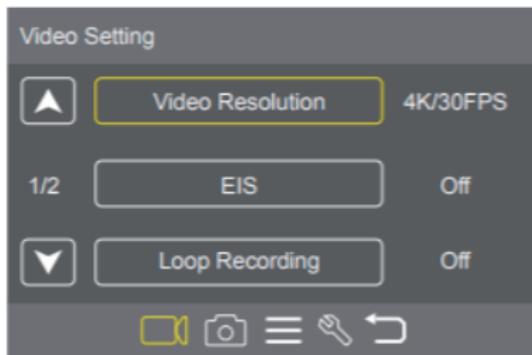
PHOTO SETTING MODE

Press Mode button several times to switch to Photo Setting Mode.

Photo Setting		
▲	Photo Resolution	16M
1/1	Time Lapse Photo	Off
▼	Burst Photo	Off
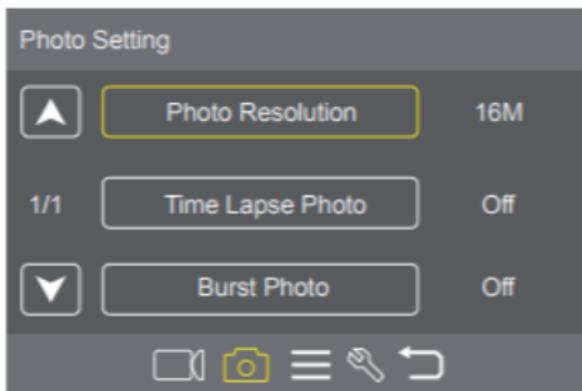
GENERAL SETTING MODE

Press Mode button several times to switch to General Setting Mode.

General Setting		
▲	Volume	5
1/3	Beep	On
▼	Exposure	0
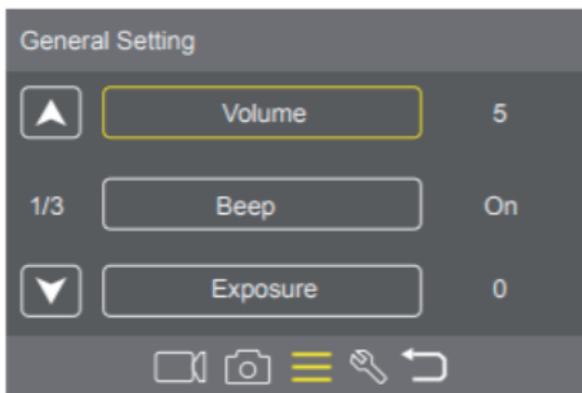
SYSTEM SETTING MODE

Press Mode button several times to switch to System Setting Mode.
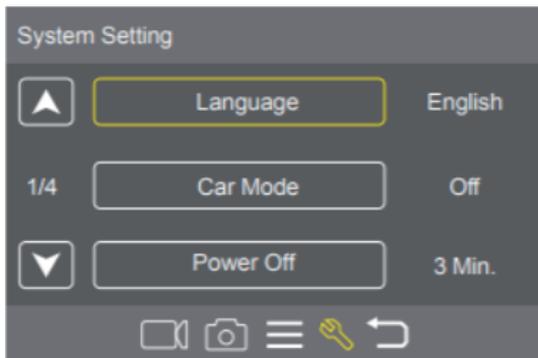
CUSTOMIZING YOUR M80 Pro

VIDEO SETTING

1. **Video Resolution**: 4K/30FPS, EIS 4K/30FPS, 2.7K/30FPS, 1080P/60FPS, 1080P/30FPS, 720P/120FPS Default setting is 4K/30FPS.

Note: When capturing video at high resolutions or high frame rates in warm ambient temperatures, the camera may become warm and use more power.

2. **EIS**: On / Off Default setting is off. This setting adjusts the footage to offset for motion during capture. The result is smoother footage, especially in activities with relatively small but fast motion including cycling, motorcycling, and handheld uses.

Note: 1). If you turn on EIS, then select 4K/30FPS, EIS will be turned off automatically.
2). If you select 4K/30FPS, then turn on EIS, the video resolution will be EIS 4K/30FPS automatically.

3. **Loop Recording**: Off / 1 Min. / 3 Min. / 5 Min.
Default setting is off.
Using Loop Recording, you can continuously record video, but save only the moments that you want. For example, if you select a 5-minute interval, only the previous 5 minutes are saved when you press the Shutter button to stop recording. If you record for 5 minutes and do not press the Shutter button to stop recording and save, the camera records a new 5-minute interval by recording over your previous 5 minutes of footage. When the micro SD card is full, the new files will cover the old one if loop recording is on.

4. **Time Lapse Video**: Off / 1 Sec. / 5 Sec. / 10 Sec./30 Sec. /60 Sec.
Default setting is off.
Time Lapse Video creates video from frames captured at specific intervals. This option lets you capture a time lapse event and immediately view or share it as a video. Time Lapse Video is captured without audio.

5. **Slow Motion**: Off, 1080P/60FPS, 720P/120FPS
Default setting is off.
Slow motion is an effect in film-making whereby time appears to be slowed down. Note: If you use Slow Motion function, EIS will be turned off automatically. Slow motion video is captured without audio.

6. **Audio Record**: On / Off
Default setting is on.
Turn off Audio Record, the camera does not record audio when you record video.

PHOTO SETTING
1. Photo Resolution: 20M/16M / 14M / 12M / 8M / 5M
Default setting is 12M.

2. **Time Lapse Photo**: Off / 2 Sec. / 10 Sec.
Default setting is off.
Time Lapse Photo captures a series of photos at specified intervals.
Use this mode to capture photos of any activity, then choose the
best ones later.

3. **Burst Photo**: Off / 3 Photos / 5 Photos
Default setting is off.
Burst captures up to 5 photos in 1 second, so it is perfect for
capturing fast-moving activities.

GENERAL SETTING
1. **Volume**: 0-10
Default setting is 5.
Press Up button to turn up the volume. Press Down button to turn
down the volume.

2. **Beep**: On / Off
Default setting is on.
Sets the volume of your M80 Pro alerts.

3. **Exposure**: 2 / 1.7 / 1.3 / 1 / 0.7 / 0.3 / 0 / -0.3 / -0.7 / --1 / -1.3 / -1.7
Default setting is 0.
By default, your camera uses the entire image to determine the
appropriate exposure level. However, Exposure lets you select an
area that you want the camera to prioritize when determining
exposure. This setting is particularly useful in shots where an
important region might otherwise be over- or underexposed. When
you change this setting, the LCD display immediately shows you
the effect on your image. If you change modes, the camera returns
to using the entire scene to determine the correct level of exposure.

4. **White Balance**: Auto/Daylight/Cloudy/Fluorescent/Incandescent
Default setting is auto.
White Balance lets you adjust the color temperature of videos and

photos to optimize for cool or warm lighting conditions. When you change this setting, the LCD display immediately shows you the effect on your image.

5. **ISO**: Auto / 100 / 200 / 400 / 800 / 1600 / 3200
ISO determines the camera's sensitivity to light, and creates a trade-off between brightness and resulting image noise. Image noise refers to the degree of graininess in the image. In low light, higher ISO values result in brighter images, but with greater image noise. Lower values result in lower image noise, but darker images. When you change this setting, the LCD display immediately shows you the effect on your image.

6. **Effect**: Normal / Sepia / B&W / Negative
Default setting is normal.

7. **Contrast**: -100---+100
Default setting is 0.

8. **Saturation**: -100---+100
Default setting is 0.

9. **Sharpness**: -100 - +100
Default setting is 0.
Sharpness controls the quality of details captured in your video footage or photos. When you change this setting, the touch display immediately shows you the effect on your image.

SYSTEM SETTING
1. **Language**: English / Spanish / German / Italian / French/
　　　　　　　简体中文 / 日本語
Sets the language that appears on the camera.

2. **Car Mode**: On / Off
Default setting is off.
If you turn on car mode and connect camera with car cigarette

lighter, the camera will turn on automatically if you start your car and will turn off if you stop your car.

3. **Underwater mode:** off / on
Color correction is provided when capturing images in blue water or clear fresh water at depths of 5 to 33 feet (1.5 to 10 m).

4. **Power Off**: Off / 1 Min. / 3 Min. / 5 Min.
Default setting is 3 minutes.
Powers off your M80 Pro after a period of inactivity to save battery life.

5. **Date & Time**: MM / DD / YY, HH / MM / SS
The date and time are automatically updated when you connect your camera to the Live DV app. However, you can manually change these settings, if needed.
Note: If the battery is removed from the camera for an extended period of time, the date and time will be reset automatically.

6. **Date Format**: None, YYYY MM DD, MM DD YYYY, DD MM YYYY
Default setting is MM DD YYYY. If you turn on Date Stamp, this camera adds date stamp to the videos or photos you take. If you select None, this camera will not add date stamp to the videos or photos you take.

7. **Frequency**: 50 Hz/ 60 Hz
Default setting is 50 Hz.

8. **Upside Down**: On/ Off
Default setting is off.
This setting determines the orientation of your video or photos to help you prevent upside down footage.

9. **Screen Saver**: Off / 1 Min. / 3 Min. / 5 Min.
Default setting is 1 minute. Turns off the LCD display after a period of inactivity to save battery life. To turn on the LCD display again, press any button on the camera.

10. **Format**: Yes / No
To keep your micro SD card in good condition, reformat it on a regular basis. Reformatting erases all of your content, so be sure to

offload your photos and videos first. To reformat your card, press the mode button to enter system setting, then press down button several times to enter Format > Format Card? > YES.

11. **Reset**: Yes / No
This option resets all settings to their default values.

12. **FM Version**: Brand / Model / Version / Updated You can check the brand, model, version and updated time of your M80 Pro .

CONNECTING TO THE LIVE DV APP

The Live DV app lets you control your camera remotely using a smartphone or tablet. Features include full camera control, live preview, playback and sharing of content.
1. Download Live DV app to your mobile device from the Apple App Store or Google Play. 2. Turn on the camera, then press Up button once. Wait for 3 seconds. The screen shows 'SSID:Live DV'.
2. Turn on Wi-Fi of your mobile device, connect to the Wi-Fi SSID: 'Live DV'.
4. Enter the password: 12345678.
5. Open the app Live DV.

OFFLOADING YOUR CONTENT TO SMARTPHONE OR TABLET
1. Open the 'Live DV' app.
2. Tap 'Folders'.
3. Tap 'Camera' at the top of the screen.
4. Tap the file you want to download.
5. Tap 'Save'.

Note: 1. If you cannot offload videos or photos to iPhone or iPad, please enter Setting -> Privacy -> Photos , find "Live DV" and select "Read and Write".
2. You cannot download 4K or 2.7K video to iPhone and iPad via Wi-Fi app. Please offload 4K or 2.7K videos via card reader.

FOR IOS

FOR ANDROID
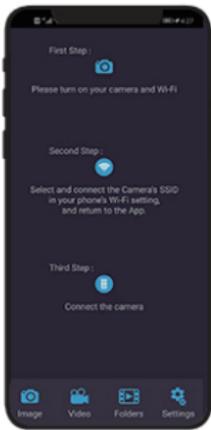
The LIVE DV App is compatible with smart phone and tablet listed below:

For Apple IOS
*iPhone5,5s, 6(plus),6s(plus),7 (above IOS10)
*iPhone Air & Mini (above IOS10)

For Android
*Android 4x Quad-Core devices ((above Android 7.0)

App available on:

PLAYING BACK YOUR CONTENT

You can play back your content on the camera's LCD display, your computer, TV, or smartphone / tablet.
You can also play back content by inserting the micro SD card directly into a device, suchas a computer or compatible TV. With this method, playback resolution depends on theresolution of the device and its ability to play back that resolution.

VIEWING VIDEOS AND PHOTOS ON YOUR M80 Pro
1. Enter Video or Photo playback mode. If your micro SD card contains a lot of content, itmight take a minute for it to load.
2. Press the Up / Down button to scroll through the video or photo files.
3. Press Shutter button to open video or photo in full-screen view.
4. To return to the thumbnails screen, press Mode button.
5. To exit the gallery, press Mode button.

DELETING VIDEOS AND PHOTOS

1. Enter Video or Photo playback mode. If your micro SD card contains a lot of content, itmight take a minute for it to load.

2. Press the Up / Down button to locate the file you want to delete.
3. Press and hold the Up button for 3 seconds. The screen shows 'Delete Selected File? YES / NO'.
4. Press Shutter button, the selected file will be deleted.

EXTERNAL MIC

Insert the external MIC to DC2.5 MIC port, the camera Will automatically switch to record the sound from the external MIC. This will help to reduce the noise and get better video sound.

NOTE:
1. The external microphone is an optional accessory, please choose according to your actual needs.
2. This camera can be compatible with the external Wired Omnidirectional Mono Microphone 2. 5mm:

Specifications:
Style: Collar Clip Mono Microphone
Frequency Range: 30HZ-15000HZ
Sensitivity: 34dB+2dB
Plugging: 2.5mm
SNR: >60dB
Wire Length: approx.1M/3. 28 ft
Communication: Wired
Storage temperature range(℃):-20~+70
Operation temperature range(℃): -10~+55
Polar Patterns: Omnidirectional
Output Impedance: 2.2K Ohm

BATTERY

Charging the battery
To charging the battery
1. Connect the camera to USB power supply (5V/1A commended).

2. The charging status light remains ON while the battery is charging.
3. The charging status light will turn OFF when the battery is fully charged.

Notes:
1. Charging time: 4-hours for 5V 1A power supply.
2. Please make sure the camera is shuttled down while charging.
3. Charge only with 5V 1A output charger.
4. Remove the battery before using as a dash camera and use 5V/1A brand-name car charger.
5. Do not store in temperature above 140°F/60°C.
6. Do not disassemble,crush,damage or dispose of in fire.
7. Do not use swelling battery.
8. Stop using the battery after immersed in water.
9. please do no throw the camera or its battery to the garbage,find a specific recycling point for it.

2.4G REMOTE

VIDEO
To record Video, verify the camera is in Video mode.

To start recording:
Press the Grey Video Button. The camera will emit one beep and the camera light will flash while recording.

PHOTO
INDICATOR
VIDEO

To stop recording:
Press the Grey Video Button again. The camera will emit one beep and the camera light will stop flashing while recording.
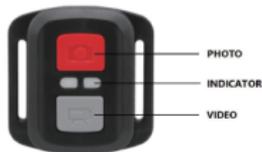
PHOTO
To capture a photo, verify the camera is in Photo mode.

To take a photo: Press the Red Photo Button. The camera will emit a camera shutter sound.

1) Use a 1.8mm tip screwdriver (not included) to remove the 4 screws on the back cover of the remote, allowing you to open it.

2) Remove another 4 screws on PCB board.

3) Lift the PCB board and slide out the battery, as shown in the picture.

Note: Do NOT rotate the PCB board to avoid reversing the camera and video button functions.
4) Install the new battery, keeping the "+" pole facing up.
5) Install all 4 screws back onto the PCB board.

6) Install all 4 screws back into the cover.

WATERPROOF CASE

Specially designed for diving, surfing, snorkeling and other water sports activities. The waterproof case does not only offer greater waterproof protection to your camera, it also offers extra protection against dust, scratches and shocks. Light and easy to carry, excellent PMMA material endows it with high quality.With the use of the waterproof case, you can record activities even 30M under water and it won't damage the shooting effect, clear and vivid.Your movement and photographic effect won't be affected by anti-surf pressure. Convenient to link camera with other accessories mount through this waterproof case.

- Lens Window
- PMMA Housing
- Latch-2
- Latch-1
- Back Door

Power / Down / Right Button
Mode / Wi-Fi Button
Shutter/ Select Button
Silicone Seal Ring
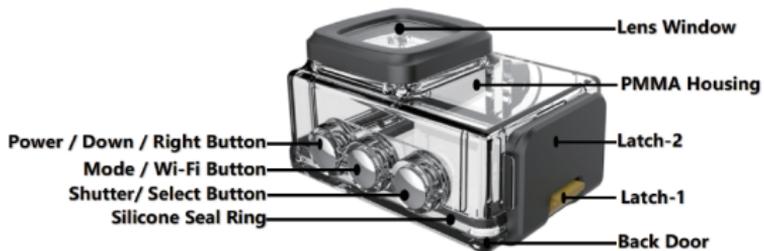
How to open the waterproof case:

NOTE:
1. In order to capture a clear video or photo, please tear off the lens protection film of the waterproof shell before use, and protect well the lens window from scratch after use.
2. Before sealing the waterproof case, keep the camera housing's White Silicone Seal Ring clean, a single hair or grain of sand cause a leak. You can test by closing the case without inserting the camera. Submerse the case completely in the water for about a minute. Remove the case from the water, dry off its exterior with a towel, and then open the case. If the interior is dry, the case is safe for use under water.
3. Before sealing the waterproof case, make sure the waterproof case is sealed well before use.If the white silicone sealing ring is found to be hardened, deformed or damaged, please stop using this water tank and replace the new waterproof shell in time.

4. Please dry it in time after use, otherwise the waterproof shell metal button will dust and reduce the waterproof performance. After use in in seawater or seaside, you will need to rinse the outside of the housing with fresh water and then dry. This will prevent corrosion of the hinge pin and salt buildup in the seal, which can cause failure. Do not flush the interior with water.
5. When use the camera with the waterproof in low temperature, such as Winter, Rainy Day, Underwater and so on, please do the anti fogging treatment so as to avoid the blurred video. It is recommended to add anti-fog film; insert the anti-fog film into thewaterproof case to prevent the lens from fogging in low temperature or humid environment;
6. Keep it safe from falling and dropping and high temperature above 80°C.
7. Waterproof shell is vulnerable product, we strongly recommend , according to the usage of the environment and frequency, to replace the waterproof shell in time.

Mounting Your Camera

Attach your camera to helmets, gear and equipment.

CONTACT US
For any inquiries, issues or comments concerning our products, please send E-mail to the address below. We will respond as soon as possible.

E-mail: supports@apexcam.com

Download the APP/APK