

***My Fun Camera*** Model MFC-1 User Manual  
(available online at [www.myfuncamera.com](http://www.myfuncamera.com))  
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The ***My Fun Camera*** model MFC-1 is a portable video camera designed to be used in “action” situations where a rugged, water-resistant video camera is preferred. It will also take still pictures with up to 16MP (megapixels) of resolution. The MFC-1 records videos in the AVI format at up to 4K resolution at 30 FPS (frames per second) and is compatible with most commercially available video viewing devices. The MFC-1 is designed to be operated inside its included waterproof case, which will protect the camera and permit operation down to a depth of 10 meters (about 30 feet). The MFC-1 can be used in fresh water or salt water. If used in salt water, it is recommended to rinse off the camera thoroughly after use to protect against corrosion of exposed components over time. The MFC-1 is an excellent choice for use while riding, skiing, skateboarding, bicycling, or any other activity that you would like to film live, but prefer not to risk using your smartphone camera or another expensive or fragile camera.

The MFC-1 uses a MicroSD card (that must be purchased separately) to save any video recordings and still pictures produced with the camera. Videos and still pictures stored on the card can be viewed on the camera's own 2” screen, or the card may be removed from the camera and inserted into any compatible MicroSD-to-USB-Type-A adaptor for transferring (copying) the videos and pictures to a compatible system, such as a laptop or desktop computer. The MFC-1 also supports WiFi, which can be used to transfer videos and still pictures to another compatible medium if preferred. If WiFi is used, the transfer process will be slower and take longer than it would by using the USB adaptor transfer method. It is recommended to use the WiFi method of transfer only if the USB method is not available. The MFC-1 supports up to a 32GB MicroSD card and will record up to 90 minutes of 4K-resolution video, up to 1000 still pictures, or a combination of both, on a single card.

The MFC-1 includes a rechargeable battery that can be recharged without removing it from the camera by using the included MicroUSB charging cable. The camera must be removed from its waterproof case in order to access the MicroUSB charging port, or to remove the MicroSD card. The battery is typically not required to be removed from the camera at any time, except to replace it with a different battery if ever needed.

**MFC-1 Technical Specifications:**

Maximum Resolution: 16 megapixels for still pictures

Maximum Resolution: 4K for video recordings, equivalent to 30FPS (frames per second)

Maximum Waterproof Depth: 10 meters (about 30 feet)

Maximum Capacity MicroSD Card Supported: 32GB (Class 10 MicroSD card recommended)

Maximum Field of View While Recording Video: 170°

Maximum Battery Life While Recording Video: Up to 90 minutes

The MFC-1 is operated using FOUR buttons, which are:

**BUTTON ON FRONT OF CAMERA (AKA FRONT BUTTON)**

**BUTTON ON TOP OF CAMERA (AKA TOP BUTTON)**

**UPPER BUTTON ON SIDE OF CAMERA (AKA UPPER SIDE BUTTON)**

**LOWER BUTTON ON SIDE OF CAMERA (AKA LOWER SIDE BUTTON)**

These four buttons are the **ONLY** controls needed for operation of the camera.

### ***OPERATION OF THE MFC-1 CAMERA***

#### **TURNING THE CAMERA ON OR OFF:**

To Turn ON the camera, press AND HOLD the FRONT BUTTON for several seconds until you see the word 'Welcome' appear on the screen. Then release the button. The camera is now ON and ready to start video recording.

To Turn OFF the camera, press AND HOLD the FRONT BUTTON for several seconds until you see the word 'Goodbye' appear on the screen. Then release the button. The camera is now OFF and will use almost no battery power until the next time the camera is turned ON.

The camera must be powered ON to operate any of its features and functions.

#### **VIDEO RECORDING:**

To START video recording, press the TOP BUTTON and release. Video recording will now begin. To STOP video recording, press the TOP BUTTON again and release.

Once started, video recording will continue until (a) the MicroSD card is full, (b) the battery is so low that it shuts the camera off due to lack of power, or (c) the TOP BUTTON is pressed and released again to stop the recording.

While recording video, a round yellow light at the top left corner of the screen will FLASH. When in VIDEO mode but NOT recording, the round yellow light will stay ON but NOT flash.

#### **MODES AND SETTINGS MENUS:**

The MFC-1 camera is equipped with FOUR modes:

VIDEO MODE (FOR VIDEO RECORDING)  
STILL MODE (FOR TAKING STILL PICTURES)  
VIEW MODE (FOR VIEWING STORED VIDEOS AND PICTURES)  
SETTINGS MODE

These four modes are accessed by repeatedly pressing and releasing the FRONT BUTTON while the camera is powered ON.

The FIRST time you press and release the FRONT BUTTON will change the camera from a VIDEO camera to a STILL camera.

The SECOND time you press and release the FRONT BUTTON will turn on VIEW mode, which will let you display (on the camera's built-in 2" screen) any videos and still pictures already stored on the MicroSD card in the camera.

The THIRD time you press and release the FRONT BUTTON will display the SETTINGS MENU. The FOURTH time you press and release the FRONT BUTTON will change the camera back into a VIDEO camera.

Continuing to press and release the FRONT BUTTON will toggle through these four modes (Video,

Still, View, Settings) over and over again. Whenever the camera is powered OFF, the next time it turns on it will always default to VIDEO mode.

In VIDEO mode, press and release the TOP BUTTON to START or STOP videos. In VIDEO mode, every time you press and release the TOP BUTTON, the camera will either START or STOP recording. While recording, a round yellow light at the top left corner of the screen will FLASH. When in VIDEO mode but NOT recording, the round yellow light will stay ON but NOT flash.

In STILL mode, press and release the TOP BUTTON to take still pictures. In STILL mode, every time you press and release the TOP BUTTON, the camera will take another picture.

In VIEW mode, press and release the SIDE BUTTONS to scroll FORWARD or BACK through all videos and pictures currently stored in the camera. While in VIEW mode and viewing any video, press and release the TOP BUTTON to start or stop playback of the stored video.

In SETTINGS mode, press and release the SIDE BUTTONS to scroll up and down through a list of menus. If you continue to scroll past the end of the menu list, the list will start over from the top. To access any individual menu, press and release the TOP BUTTON. Once viewing the individual menu (a.k.a. submenu), press and release either of the SIDE BUTTONS to scroll up or down through the individual menu. Press and release the TOP BUTTON again to select the setting you wish to save. This action will also exit that menu and take you back to the main list of menus. The menus are listed as follows:

#### QUALITY:

Fine  
Normal  
Economy

This feature works for video recording only. These choices let you set the quality of videos taken with the video camera. The higher the quality, the larger a video file will be if recorded for the same length of time.

#### CAPTURE MODE:

Single  
3S Timer  
5S Timer  
10S Timer  
20S Timer

This feature works for still picture taking only. These choices let you set the still picture function to take multiple pictures at timed intervals. If you have set it for 5 seconds, then press and release the TOP BUTTON, the camera will take a picture immediately and then every 5 seconds, until you press and release the TOP BUTTON again to stop it.

#### SHARPNESS

Strong  
Normal

Soft

This feature works for still picture taking only. These choices let you set the still camera for sharpness. The higher you set the sharpness for, the larger the file size for that picture will be.

ISO

Auto  
100  
200

These choices affect both videos and still pictures. A higher value makes a brighter video or picture. In low-light situations, set the ISO value higher for best results. In bright sunlight, set the ISO value lower for best results. Leaving this setting in AUTO will produce best results if you prefer not to reset the feature every time the lighting situation changes.

ANTI-SHAKING

Off  
On

This software setting affects both videos and still pictures. Turn it on to help videos and pictures look more stable, at the cost of the video or picture being slightly smaller, since turning this feature on reduces the size of the video or picture.

WHITE BALANCE

Auto  
Daylight  
Cloudy  
Tungsten  
Flourescent

This feature works for both videos and still pictures. Set it for best results in the conditions listed. Leaving this setting in AUTO will produce best results if you prefer not to reset the feature every time the lighting situation changes.

FREQUENCY

50Hz  
60Hz

This feature works for both videos and still pictures. In some lighting situations, videos in particular may “jump,” although still pictures can be affected too. If you see this happening, set this feature to the other value and test your results.

OSD MODE

Off

On

This feature (On Screen Display) defaults to ON. When turned OFF, many screen icons will disappear when taking videos.

## SCREEN SAVER

Off

1 Minute

3 Minutes

5 Minutes

This feature sets how long the screen will stay on before turning itself off to save battery power. Touching any control resets the timer, so that the camera will stay on longer before turning itself off.

## ROTATE

Off

On

This feature lets you flip the video 180° while recording, which may be useful if needing to hold the camera at an unusual angle during recording. Most commercially available video players will let you flip the video later, if you accidentally record a video upside-down.

## AUTO POWER OFF

Off

1 Minute

3 Minutes

5 Minutes

This feature sets how long the camera will stay on before turning itself off to save battery power. Touching any control resets the timer. Note: The camera will not turn itself off during recording no matter how this feature is set, unless battery power drops too low.

## LANGUAGE

These choices let you set the language in which the camera will display its menus and settings. The MFC-1 defaults to ENGLISH, which is one of twelve languages the camera supports.

## BEEP SOUND

Off

On

This feature sets whether you will hear a beep when video recording is turned on or off, and when a still picture is taken.

## DATE/TIME

This menu lets you set the camera to the correct date and time. This may be necessary before you use the camera for the first time, or if the rechargeable battery is ever removed or its charge is allowed to drop to zero before recharging it. Once you have set the date and time, press and release the FRONT BUTTON to return to the main menu list.

## CAR MODE

Off  
On

This feature works for video recording only. It allows the camera to be used as an automatic DashCam. When this feature is turned on and the camera is connected to your vehicle's ignition-switched power, the camera will turn on and start video recording automatically as soon as the car is started.

## WIFI SSID

This menu lets you search for and connect to a local WiFi network.

## WIFI PASSWORD

This menu lets you enter the password for a secure local WiFi network that is password-protected.

## DELETE

Delete Current  
Delete All

This feature lets you delete any specific video recording or still picture, or you may delete all videos and still pictures at once.

## FORMAT

This choice lets you format the MicroSD card, which will also delete all pictures and videos on the card at that time. This may be necessary after inserting a MicroSD card that has never been used or has previously been used in another device that is incompatible with the format of the MFC-1 camera.

## DEFAULT SETUP

This menu lets you return every menu in the camera to its default setting. This may be necessary if you have changed a setting in one or more of the Settings menus, wish to set it back to the default setting, but are unable to remember what that setting was.

## VERSION

This menu displays the firmware version that was factory-installed in this camera when it was new.

## VIDEO RESOLUTION

4K  
2.7K  
1080FHD  
1080P  
720P  
SVGA  
VGA

This feature works for video recording only. It lets you set video recording to the preferred resolution. The higher the resolution, the better the video will look when viewed on a larger screen, and also the larger the video file will be when recorded for the same length of time.

## EXPOSURE

-3  
-2  
-1  
0  
+1  
+2  
+3

This feature works for both videos and still pictures. There are seven exposure settings to let you set the exposure for best results in bright light or dim light. A longer exposure setting admits more light for dimmer lighting conditions such as twilight, indoors or cloudy days, while a shorter exposure setting admits less light for brighter lighting conditions such as bright sunshine.

## MOTION DETECT

This feature works for video recording only. It is useful if you want to use the camera as a wildlife or security camera. When this feature is turned on, the camera will automatically start recording video if it detects motion, and then will automatically stop recording once motion is no longer detected by the camera.

## CYCLIC RECORD

This feature works for video recording only. When turned on, videos will be saved in 3-minute segments, so that all saved videos are no longer than 3 minutes long.

## VIDEO LAPSE

This feature works for video recording only. When turned on, videos are recorded in time-lapse mode, which means that 10 minutes worth of video recording could play back in several seconds.

## WDR

This feature works for both videos and still pictures. When turned on, the camera will adjust itself automatically during recording or when taking still pictures to achieve best results depending on ambient lighting conditions.

## BURST

This feature works for still pictures only. When turned on, every time you press the TOP button to take a picture, the camera will take 3 pictures quickly.

## RECORD AUDIO

This feature works for video recording only. When turned on, the camera will record audio while recording videos.

## DATE STAMP

This feature works for both videos and still pictures. When turned on, the camera will record a date stamp in the field of view in every video recorded or still picture taken.