

User Manual

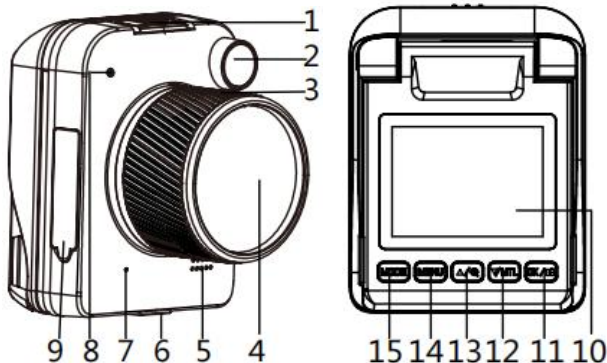


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➤ Product Overview



1. Power Button
(OFF-TEST-ON)

2. LED Fill Light

3. Focus Adjustment Wheel	4. Lens
5. Speaker	6. Tripod Screw
7. MIC Hole	8. Status Indicator Light
9. Usb/Micro Sd Card Slot/Reset Button	
10.Display Screen	11.Ok Button
12.Down Button/Manual Time-lapse Button	13.Up Button/Zoom Button
14.Menu Button	15.Mode Button

➤ Specification

LCD Screen: 2.0" TFT (320X240)

Lens: f=3.84MM, F1.6, FOV110°; Automatic Infrared Filter

Image Sensor: Starlight-level 2MP, 1/3.2"

Photo Resolution:

48MP:9216x5184(interpolated);42MP:8448x4752(interpolated);36MP:7936x4464(interpolated).32MP:7680x4320(interpolated),24MP:6400x3600(interpolated);20MP:6144x3456(interpolated);16MP:5120x2880(interpolated)8M:3840x2160(interpolated);4M:2560*1440(interpolated); 2M:19200*1080;

Video Resolution: 3840x2160/30fps AVI;
2304x1296/25fps MP4; 1920x1080/30fps MP4;
1280x720/30fps MP4

Time-lapse Video Frame Rate: 5FPS/10FPS/
15FPS/ 20FPS/25FPS/30FPS

File Formats: JPG/

Memory: External Micro SD Card (Class 6 or higher,
up to 256GB)

Flash Range: 20 meters

Fill Light: Single 120° 2W White LED (Only turn on
in completely dark environments)

Photo Time-lapse: Timed shooting (3 seconds to 24
hours per shot), automatically concatenates photos
into real-time time-lapse videos; real-time preview
available.

Video Time-lapse: Timed recording (3 seconds to 24
hours per 1-120 second clip), automatically
concatenates into videos.

Manual Time-lapse: Manually controlled shooting
(photo or video), automatically concatenates into

videos.

Timed Shooting: Timed photo/video shooting

Custom Shooting Cycle: Weekly and hourly scheduling for flexible daily shooting periods

Normal Shooting: Manual photo/video recording

Languages: Multiple language options

Loop Recording: Automatically deletes oldest files when card is full

Exposure Compensation: +3.0 EV ~ -3.0 EV, 0.5EV increments

Built-in Microphone/Speaker: Yes

Frequency: Outdoor/50HZ/60HZ

Power Supply: Built-in 3000mAh lithium battery, rechargeable via USB 5V

Battery Life: Approximately 6 months

Storage Medium: Micro SD Card (up to 256GB, Class 10 recommended)

USB Interface: TYPE-C

Operating Temperature: -20°C to +60°C

Storage Temperature: -30°C to +70°C

Dimensions (WHD)/Weight: 638466 mm, approx
169g

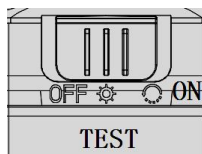
➤ **Charging**

1. Turn off the device and connect it to a computer using a Type-C USB cable. Alternatively, use a universal USB power adapter (output DC 5V/2A) (not included) to charge the device.
2. The red charging indicator light will turn on during charging.
3. The green indicator light will turn on when fully charged.

➤ **Inserting Memory Card**

The device has no built-in memory; please insert a Micro SD card before use. The device cannot save any data without a memory card. Before shooting, go to the menu and select "Format Memory Card" to format the Micro SD card to avoid shooting freezes or file corruption.

- ◆ Supports Micro SD cards up to 256GB. Class 6 or higher high-speed cards are recommended.
- ◆ To avoid malfunctions, keep the memory card away from water, strong vibrations, dust, heat sources, and direct sunlight.
- ◆ Do not force the memory card into the slot; insert it in the direction indicated on the product.
- ◆ When using for the first time, allow the memory card to reach ambient temperature before shooting. Time-lapse cameras may be affected by environmental temperature and humidity, leading to short circuits, please notice protection for the camera when using it outdoor.
- ◆ When the memory card is full, the camera will automatically stop shooting and turn off the LED light.
- ◆ To remove the Micro SD card, gently press the protruding edge of the card to eject it.



➤ **Basic Operations**

Power On/Off

Slide the top switch to the middle "TEST" position to power on; slide the switch to the left "OFF" position to power off.

Lens Focus Adjustment

Manual Focus: Users can manually rotate the focus wheel to adjust the focal length according to the actual shooting distance until the display is clear (press the up button to zoom in and check clarity).

Adjustment mode

This product has three modes: Photo Mode, Video Mode, and Playback Mode. Press the Mode Button to switch between modes.

	Photo Mode	For taking still photos.
	Video Mode	For recording video.
	Playback Mode	For playing the recorded

Photo Mode: Switch to Photo Mode using the MODE Button. Press the OK Button to take a photo.

Video Mode: Switch to Video Mode using the Mode Button. Press the OK Button to start recording; press again to stop.

Playback Mode: Switch to Playback Mode using the Mode Button. Use the Up/Down buttons to browse saved photos and videos. During video playback, press the OK Button to play/pause and the MENU Button to stop. Press the Playback Button again to exit the playback Mode.

Playback Menu

1. **Delete Current File:** Delete the current file.
Options: [Cancel]/[OK].
2. **Delete All Files:** Delete all files.
Options: [Cancel]/[OK].
3. **Slide Show:** Automatically play photos on the memory card in a slideshow, with each photo displayed for 3 seconds. Press the OK Button to stop.
4. **File Write Protection:** Lock files to prevent

accidental deletion. Options: [Current File Write Protection]/[All File Write Protection].

5. Remove write protection: Unlock files.

Options: [Remove current file write protection]/
[Remove all files write protection].

System Settings

After powering on, press the MENU Button in Photo or Video Mode to access settings.

1. Press the MODE Button to switch between Photo, Video and Playback modes.

2. Press the MENU Button to open the settings menu.

3. Use the Up/Down buttons to browse the menu. Press the OK Button to enter an option.

4. Use the Up/Down buttons to select options. Press the OK Button to confirm settings.

Press the MENU Button again to turn back to last menu or exit the setup menu.

Menus in Photo and Video Modes

In Photo and Video modes, press the MENU Button to modify settings.

Menu	Function
Monitor Delay	Screen off time when without operating the buttons. Options: 30s/1MIN/3MINS
Mode	The shooting mode can be selected. Options: Timelapse photo/Timelapse video /Timer photo/Timer video
Interval Length	Press the Up/Down button to select the shooting interval as needed, press OK button to confirm. Options:5Sec to 24 hours
Work Date	Set shooting days. Options: Sunday/Monday/Tuesday/Wednesday/Thursday/ Friday / Saturday
Work Time	Off
	On(Press the Up/Down button to select the Start time and End time as needed, press the OK button to confirm.)
Video Frame Rate	Set frame rate. Options: 5FPS/10FPS/15FPS / 20FPS/25FPS/30FPS
Photo resolution	Set the resolution of the photo. Options: 2MP/4MP/8MP/16MP/20MP/24MP/ 32MP/36MP/42MP/48MP

Video resolution	Set video resolution. Options: 720P/1080P/ 1296P/4K
Video Length	Set the duration of recording a video clip. The shortest time is 5 seconds and the longest time is 10 minutes. Options: 5 seconds~10 minutes.
Audio Recording	Open this function,the camera will record audio when recording video. Options: [On] / [Off].
Set AE compensation	Set the exposure compensation value. Option: Between +3.0 to -3.0, with an increase rate of 0.5.
Power Frequency	Set the light source frequency to match frequency of electricity supply in local region to prevent interference. Options:[Outdoor]/[60Hz]/[50Hz].
Date & Time	Set date and time for the device. Press Up/Down buttons to adjust, OK Button to move cursor and confirm.
Date Format	Set the date and time of the device. Options: D/M/Y; M/D/Y; Y/M/D.
Time Format	Options:24H/12H
Beep Sound	Open/close the button sound. Options: [On] / [Off].
Memory card Format	All data stored on the memory card (if you are using the memory card) will be

	deleted, including protected files. Be sure to download the important files to your computer before formatting. Options:[Yes]/[No].
Language	Set the screen display language. Option:[English]/[Deutsch]/[Français]/[Español]/[Nederlands]/[Italiano]/[Polski]/[简体中文]/[日本語]/[Русский язык]
Passord protection	Set the startup password for the device. The password should be four digits, with each digit selected between 0 and 9. Press the Up / down button to adjust , press the OK button to move the cursor and confirm the operation.If you forget your password, please turn off the device. Press the Up and OK button and move the power button to turn on the device. Then you can reset the password again. Option: Off/On
Factory Reset	Restore the device to factory default settings including menu and button operation. Options:[Yes] /[No].
Version Info	Look up the Firmware and Bluetooth information of the device.

➤ **Time lapse setting**

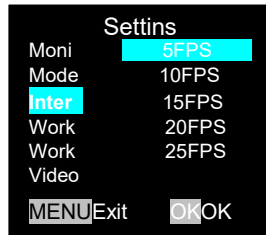
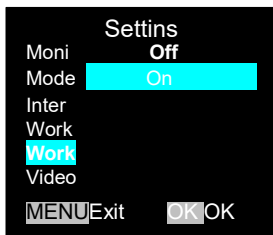
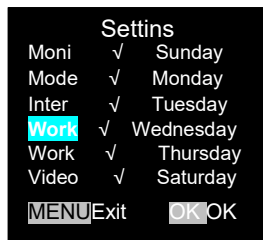
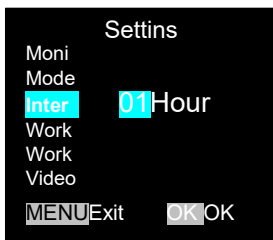
Time-lapse shooting can be set for automatic or manual time-lapse.

1. Set automatic time-lapse shooting

After powering on, press the Menu button and use the Up/Down buttons to select the desired working mode:

Time-lapse Photo: Concatenates photos into videos. Press the MENU button to enter the settings menu , press the Up/Down buttons to browse. Select Interval Length (default: 01h, meaning the camera takes a photo every 1 hour), press the Up/Down buttons to adjust, confirm with OK button; select Work Date (full selection or none means every day), press the Up/Down buttons to browse, confirm with OK button, press MENU button to return; select Work Time ,when opening the Work Time, you can press the Up / Down button to adjust the time and press the OK button to complete the setting; finally set Video

Frame Rate, press the Up/Down buttons to browse, confirm with OK button. Return to the main menu, select "Mode", then select **"Timelapse Photo"**, confirm with OK button and press the MENU button to exit the menu .



After setting, push the Power button to the right ON position, the display screen shows a countdown of 10

seconds to enter the Timelapse Photo mode. The camera will take photos within the set parameters and automatically string the photos together to generate a time - lapse MP4 video in real time. At other times, it will be in standby state. If pushed the power button to the left OFF position and stop the Timelapse Photo.

Time-lapse Video: Concatenates short videos. Press the MENU button to enter the settings menu , press the Up/Down buttons to browse, select Interval Length (5sec-10min, default: 10sec),press the Up/Down buttons to adjust, confirm with OK button; set Video resolution, Video Frame Rate, Interval, Length, work Date/Time, confirm with OK button; return to the main menu, select "Mode", then select "**Timelapse Video**" confirm with OK button and press the MENU button to exit the menu .

Operation:After setting,push the Power button to the right ON position, the display screen shows a countdown of 10 seconds to enter the Timelapse

Video mode. The camera will take photos within the set parameters and automatically string the photos together to generate a time - lapse MP4 video in real time. At other times, it will be in standby state. If pushed the power button to the left OFF position and stop the Timelapse Video.

Timed Photo: Take photos at fixed intervals. Press the MENU button to enter the settings menu , press the Up/Down buttons to browse. Select Interval Length (default: 01h, meaning the camera takes a photo every 1 hour), press the Up/Down buttons to adjust, confirm with OK button; set the timing cycle, Work Date/Time, and Photo resolutionpress the Up/Down buttons to browse,confirm with OK button. Return to the main menu, select "Mode", then select "**Timer Photo**", confirm with OK button and press the MENU button to exit the menu .

Operation:After setting,push the Power button to the right ON position, the display screen shows a countdown of 10 seconds to enter the Timer Photo

mode. The camera will take photos within the set parameters and automatically string the photos together to generate a time - lapse MP4 video in real time. At other times, it will be in standby state. If pushed the power button to the left OFF position and stop the Timer Photo.

Timer Video: Record video at fixed intervals. Press the MENU button to enter the settings menu , press the Up/Down buttons to browse. Select Interval Length (default: 01h, meaning the camera takes a photo every 1 hour), press the Up/Down buttons to adjust, confirm with OK button; set Video resolution, Video Frame Rate, Interval, Length, work Date/Time, confirm with OK button; return to the main menu, select "Mode", then select "**Timer Video**" confirm with OK button and press the MENU button to exit the menu .

Operation: After setting, push the Power button to the right ON position, the display screen shows a countdown of 10 seconds to enter the Timer Video

mode. The camera will take photos within the set parameters and automatically string the photos together to generate a time - lapse MP4 video in real time. At other times, it will be in standby state. If pushed the power button to the left OFF position and stop the Timer Video.

2. Set manual time-lapse shooting

A. After starting up, press the MODE button to

switch to the Photo mode

press the Down / Manual

Time- Lapse Button to

enter the manual photo

time-lapse , press



Time-Lapse Button to shoot and then press Down /

Manual Time-Lapse Button again to stop the

manual time-lapse photo.

B. After starting up, press the MODE button to

switch to the Video mode, press the Down / Manual

Time-Lapse Button to enter the manual time-lapse

video, press Time-lapse button to start and then press Down / Manual Time-Lapse Button again to stop the manual time-lapse video.

➤ **Remote control via mobile App/ Wi-Fi connection**

Before using the Wi-Fi function, please scan this QR code to download the "TrailCam GO" application and install it on your Pad or smart phone, so that you can connect to Wi-Fi and remotely control the device.

Note:

The actual interfaces of different versions of the application, iOS and Android may vary.

During the use of the TrailCam GO application (hereinafter referred to as the Application), please allow the Application to access your device's Wi-Fi, Bluetooth, storage, location and camera, and enable the local network required for taking photos and videos.



Android QR Code



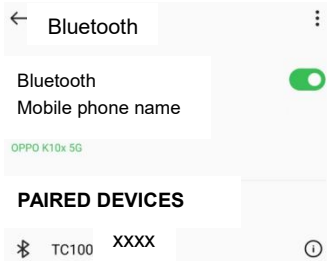
TrailCam Go



iOS QR Code

Connect the camera and Pad/ smartphone to Wi-Fi via Bluetooth

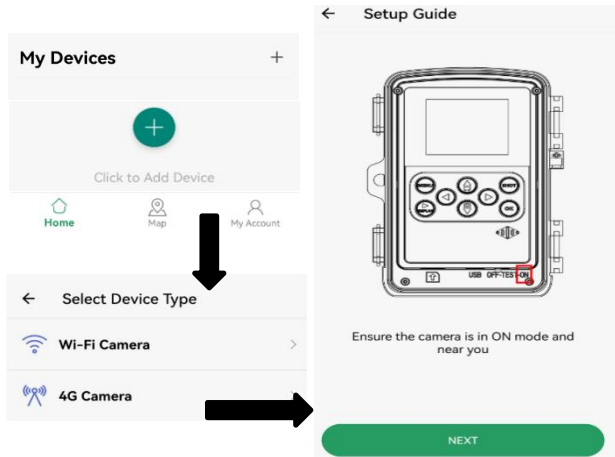
1. After downloading the APP, please turn on the Bluetooth and WIFI functions on your mobile phone first. Switch the power switch of the camera from "OFF" to "ON", turn on the mobile phone and find "TC100_XXXX" (XXXX is a product with four randomly distributed characters that are easy to distinguish) in the Bluetooth interface and pair and connect.



Make sure your device is turned on and is close to you. To establish a stable connection, please move within a range of 49 feet from the camera and avoid obstacles such as walls or glass doors that could

impede the signal.

2. Open the "TrailCam Go" APP and then click the "+" button in the upper right corner. A new interface will pop up. Select "Wi-Fi Camera" and click "Next" in the new interface.

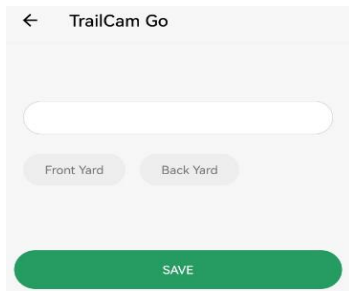


3. When the mobile phone APP pops up the following interface, select "Connect Camera", the machine screen lights up for a moment and the mobile phone APP shows the following interface: Connection in progress.

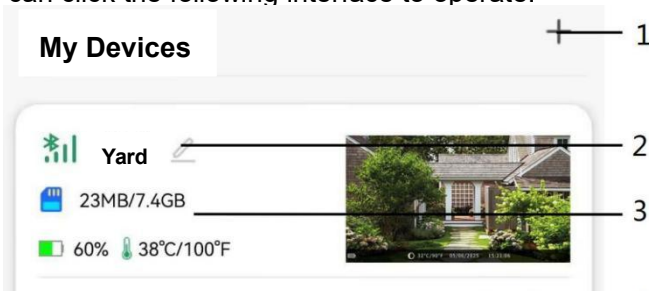
Camera Found
TrailCam_51F9

4. If the WIFI hotspot pops up, the hotspot name and password will be displayed on the phone screen. After manually connecting to the wifi hotspot according to the prompts, it will return to the phone APP.

5. After WIFI connection successful you need to enter the device name. You can choose the default "Front Yard" and "Back Yard", or you can customize the name.

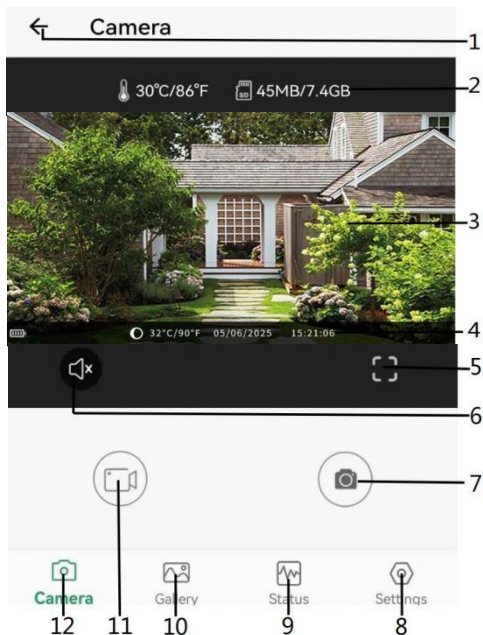


6. After entering the home page of My device, you can click the following interface to operate:



1.Add Device/ Device sort	2.Set Device Name
3.Click to enter the status	4.Delete Device
5.Disconnect	6.Home
7.Map (You can check the location of your device)	8.My Account (You can view the device version/ album/rate app etc)

Click on the picture or text to enter the Status and click on the Camera to enter the APP to operate this device.



Function	Specific introduction
1. Return to Home	Click this arrow to return to the home page.
2. Temperature /Memory	Displays the current device's ambient temperature and memory card information.
3. Real-time picture	Displays an image of the current device.
4. Date stamp	Shows the current temperature, and the date and time.
5. Full screen	Click to display in full screen.
6. Sound	Click to turn on the sound.
7. Photo	Click to take a photo and the photo will be stored in the Downloaded of the Gallery.
8. Settings	Click Settings, the user can see the camera equipment information, can also set the parameters of the device on the APP.
9. Status	You can view the General Information and Device Information of the connected device, such as battery level, memory card, temperature, last update time, device model,

	device ID etc
10. Gallery	You can view the pictures or videos stored on the memory card, as well as the downloaded pictures or videos
11. Video	Click to start recording. The video is stored in the downloaded file of the gallery
12. Camera	Current device

****Tips:****

1. When connecting to WIFI, the closer your phone is to the product, the stronger the WIFI signal, better stability, and faster download speed.
2. After finishing operations on the APP, it is recommended to click the shutdown button in the upper right corner to power off, so that the product enters sleep hunting mode and saves battery power.
3. When the product enters WIFI mode, if the phone does not connect to WIFI after 3 minutes, the product will automatically enter sleep hunting mode.
4. When the WIFI is successfully connected, if there is no information interaction between the product and

the phone, the product will automatically disconnect and enter sleep hunting mode after 3 minutes.

5. After the device has been added to the APP, when reopening the APP, you only need to connect to the camera and click the machine to be connected, without adding the network again.

➤ **About Mount**

1. Using The Sucker Bracket

You can use the sucker bracket included with the package to fix the camera on a glass or smooth desktop or ceramic wall. Make sure that all screws are tightened when installing.

Components

1. Metal screws
2. Pressing buttons
3. PVC sucker
4. Left and right fixed tightening shafts
5. Upper and lower fixed tightening shafts



6. Machine fixed gear

Install Steps

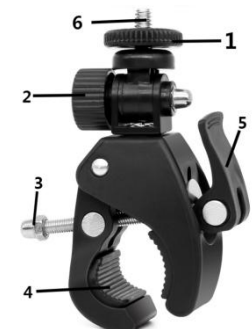
- ◆ Align the metal screw hole at the bottom of the camera with the Metal screw(1) of the bracket and tighten it;
- ◆ Lift Pressing button(2);
- ◆ Place the sucker on the glass/ceramic wall to be adsorbed.
- ◆ Press the Pressing button(2) down and pull it to see if it has been firmly adsorbed;
- ◆ Adjust the direction of the camera and tighten the Left and right fixed tightening shafts(4) and the Upper and lower fixed tightening shafts(5);
- ◆ Move the camera to the final position and tighten the all screws;
- ◆ The Machine fixed gear (6) can adjust the direction of 360°;
- ◆ The fixed tightening shaft (4/5) can adjust direction of 180°.

2. Using The Circular Tube Bracket

You can mount the Time-lapse camera permanently on the circular tube using the supplied bracket. Before mounting the circular tube you should ensure that all existing screws are tight.

Components

1. Machine fixed gear
2. Fixed tightening shaft
3. Fastening screw
4. Ring hole
5. Tighten steering shaft
6. Metal screws



Install Steps

- ◆ Lift up the tightening steering shaft (5) and open the ring hole (4).
- ◆ Fix the bracket on the tube, turn the tightening steering shaft (5) to tight and then press the tightening steering shaft (5) down vigorously.
- ◆ Fix the tripod slot at the bottom of the time-lapse camera to the metal screw (6) of the bracket.

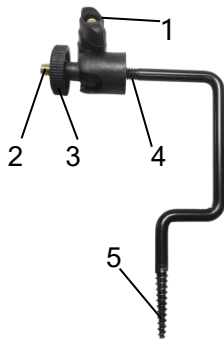
- ◆ Rotate the machine fixed gear (1) to adjust the direction of 360°
- ◆ Rotate the fixed tightening shaft (2) to adjust the direction by 180°.

3. Using The Nail Bracket

You can use the attached nail bracket and pan head to mount the device on tree trunks, walls, and hard soil floors. Ensure that all screws are tightened during installation.

Components

1. Pivot bolts
2. Tripod screw
3. Lock nut
4. Screw
5. Self-tapping screws



Install Steps

- ◆ Use self tapping screws to secure in the required installation position.
- ◆ Mount the device on the tripod screw and tighten

tripod screw and Lock nut.

- ◆ Turn the device in the desired direction and lock it with the lock nut .
- ◆ Move the device to the final position, loosen the Pivot bolts slightly, adjust the position of the machine, and tighten the Pivot bolts again.

➤ **Use of waterproof cover**

Put the waterproof cover on the device to protect it from storm rain dust.



➤ **Download Files To The Computer**

There are two ways to download files from the memory card to a computer:

By inserting the memory card into a card reader

By connecting the camera to a computer using the supplied USB cable.

Using a Card Reader

1. Pop-up the memory card from the camera and

insert it into a card reader. Then connect the card reader to a computer.

2. Open [My Computer] or [Windows Explorer] and double-click the removable disk icon that represents the memory card.

3. Copy image or video files from the memory card to your computer.

Connecting the Camcorder to a PC by the USB Cable

1. Connect the device to computer via a USB cable.

2. "MSDC" will appear on the screen.

3. Open [My Computer] or Windows Explorer. Double - click the removable disk representing the memory card. Copy the files from the memory card to the directory of your choice on the computer.

➤ NOTES On Cleaning

Only use dry or slightly wet lint-free cloth to clean the equipment. Do not use abrasive to clean the equipment. This equipment is a high precision optical

instrument, to avoid damage, please avoid the following practices:

- Use equipment at extremely high or low temperatures.
- Keep in a humid environment for a long time.
- Use in rain or water.
- Transport or use in an environment with strong vibrations.

FCC Caution:

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.

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

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.

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