

## **WF-10 Dino-Lite CONNECT** Instruction Manual



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## **DECLARATION OF CONFORMITY WITH FCC RULES FOR ELECTROMAGNETIC COMPATIBILITY**

We, Anmo Electronics Corporation, of 5F-1, No. 76, Sec. 2,  
Tung-Da Rd., Hsinchu 300, Taiwan,

declare under our sole responsibility that the product,

WF-10

to which this declaration relates, 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.

### **Caution: Exposure to Radio Frequency Radiation.**

The radiated output power of this device is far below the FCC radio frequency exposure limits. Nevertheless, the device shall be used in such manner that the potential for human contact normal operation is minimized. When connecting an external antenna to the device, the antenna shall be placed in such a manner to minimize the potential for human contact during normal operation. In order to avoid the possibility of exceeding the FCC radio frequency exposure limits, human proximity to the antenna shall not be less than 20cm (8 inches) during normal operation.

### **Federal Communications Commission Notice**

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. 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 and correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the distance 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.

## System Requirement

### Operating System

- iOS 6.x or later
- Android 4.1.1 or later

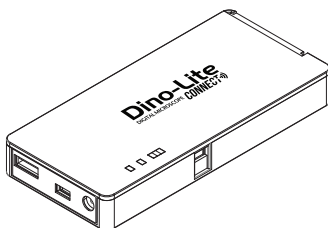
### Compatible Dino-Lite Digital Microscope

- Dino-Lite Edge series with USB interface
- Dino-Lite Premier (R4) series with USB interface

### Note:

Few above-mentioned models may not be compatible with WF-10, for example AM3715TB, please consult with your dealer if you have questions.

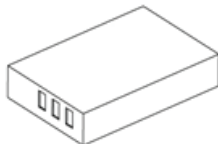
## Package Contents



**WF-10 Dino-Lite CONNECT**

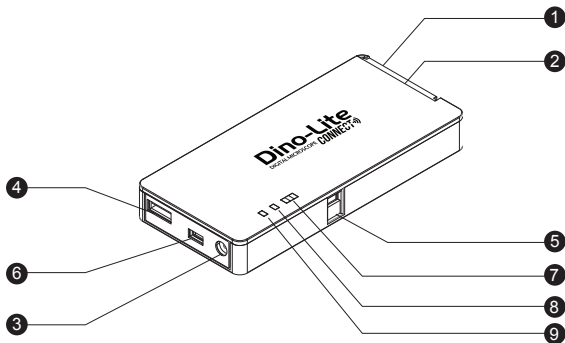


**Power Adapter (5V, DC 2A)**



**NP120 Rechargeable Li-ion Battery**

## Product Overview and Function



1. Battery Holder – A chamber for battery access and installation
2. Battery Cover - This cover protects the battery falling from WF-10 device.
3. 5V DC Input Jack – This is used for the DC power input. Plug in ONLY the included power adapter for power supplied or battery powered.
4. USB Interface – A dedicated USB interface for connecting Dino-Lite microscope
5. Power Switch – This power switch turns ON and OFF the power supply and if set to the OFF position the power indicator for the WF-10 will not work.
6. Mini USB port – This allows to be connected a mini USB cable carrying power from the computer or mini USB port charger.  
*Note: The mini USB cable is excluded from our package contents.*
7. Power Indicator - Read the information in the “LED Indicators” section of this manual
8. Wi-Fi Indicator – Read the information in the “LED Indicators” section of this manual
9. Battery Indicator – Indicate the charge level of the battery. Read more information in the “LED Indicators” section of this manual.

## LED Indicators

	LED Color	Status	Description
<b>Power Indicator</b>	No light	Off	The device is powered off or otherwise is not getting power.
	Green	Solid	The device is powered on and fully charged.
<b>Wi-Fi Indicator</b>	No light	Off; and the Power Indicator is also off	The device is powered off or otherwise is not getting power.
	Green	Solid	The device is powered on but is not transmitting or receiving data.
	Green	Blinking	The device is transmitting or receiving data.
<b>Battery Indicator</b>	No light	Off	The device is powered off or otherwise is not getting power.
	Green	Solid	When the battery is fully charged, the battery LED is solid.
	Green	Pulsing	While the battery is charging the battery LED is in pulsing position.

## Tips to use Battery with WF-10




- Insert the battery straight into the battery holder. Be sure the side with label should be facing down.
- Make sure to completely charge your battery for at least **8 hours** before using the WF-10 for the first time or when it has not been used in the last 12 months.
- The battery delivers up to 105 minutes of continuous use on a single charge.
- There are two ways to charge your WF-10's battery, through your wall outlet or a USB connection. Charging the battery through the USB port is slower than charging it with wall power.
- The WF-10 can work from its battery as portable mode without the need of a connection to an outlet.
- When the battery voltage decreases, the power source is cutoff and the LED will go out. When this happens, charge battery again for continued use.
- Remove the battery from the WF-10 if you plan long time to have the power adapter plugged in and not to use it for portability. This will help with the battery life.
- The battery can be fully re-charged at least 500 times, but after long-term use the battery performance will begin to decline.

# Using the WF-10 with Dino-Lite

## Preparation before use

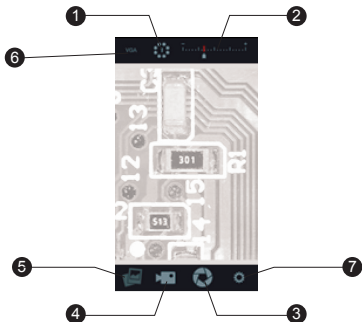
1. Insert the small end of the adapter into the connector labeled 5V DC on the side of the WF-10.
2. Connect the Dino-Lite to the USB port labeled Dino-Lite.
3. Slide the power switch to the ON position, the LED indicators of WF-10 and Dino-Lite will light up.
4. Do not access the DinoConnect Application until all LED indicators of WF-10 and Dino-Lite light up.
5. In order to avoid the possibility of exceeding the FCC radio frequency exposure limits, human proximity to the WF-10 shall not be less than 20cm (8 inches) during normal operation.

## Network Configuration

1. The FREE Dino-Lite mobile application “DinoConnect”  is available to download for your wireless devices through App Store  for iOS version or Google Play  for Android version.
2. To configure your Wi-Fi network setting for use with the Dino-Lite, choose “Settings” on your device and turn Wi-Fi On.
3. Selecting Network Name (SSID) “**Dino-Lite WiFi Streamer**” from wireless network menu which opens a new screen and then input Password **12345678**.
4. Pressing the Home button on your device to exit Settings.

# DinoConnect App Operation

With the Dino-Lite plug in and wireless network configured correctly, launch the DinoConnect App on your wireless devices, it will start displaying a live image.



No.	Function	Description
1	LED On/Off Switch	Tapping this button to turn on/off Dino-Lite's LED light.
2	Exposure Control	Simply provide an exposure time scale allowing additional exposure by dragging the scale rightward.
3	Capture Button	To capture an image, tap this button in the lower right hand corner of the screen.
4	Video Capture Button	Tapping the Video Capture Button to either start or stop capture video.
5	Photos Library	Captured images are stored in the Photos Library on your device.
6	Resolution Setting	The default resolution is VGA (640X480) but can be changed to 320x240 (QVGA) or 1280x1024 (WXGA).
7	SETUP	
	SSID	This setup allows the default network name "Dino-Lite WiFi Streamer" can be changed.
	Max connections (1-10)	This setting allows WF-10 to share the connection with up to 10 devices simultaneously.
	Microtouch Snapshot	The Microtouch Snapshot turns on/off microtouch of Dino-Lite.

## Specifications of WF-10

<b>Operation Temperature</b>	0°C ~ 40°C
<b>Frequency</b>	2.4G Hz band width
<b>Unit Dimensions</b>	120mm (L) x 55.5mm (W) x 16mm (H)
<b>Unit Weight</b>	74g (without battery) 114g (with battery)
<b>Package Dimensions</b>	16cm (L) x 16cm (W) x 6cm (H)
*	Specifications subject to change without notice