MSVC72W

OPERATION MANUAL

WiFi streamer for Dino-Lite USB digital microscopes

Operating instructions

Before operating the unit, please read this manual thoroughly, and retain it for future reference.

Thank you for purchasing a Dino-Lite WiFi streamer.

Important safety information

- Do not drop
- Keep dry
- Do not use it in high temperature, high humidity environment, 0~40℃ is the best working temperature for this product
- Do not expose to or dispose of the battery in fire
- Do not disassemble of deform the battery, avoid excessive physical shock or vibration

Please check www.dino-lite.eu for updated information or if you have any questions.

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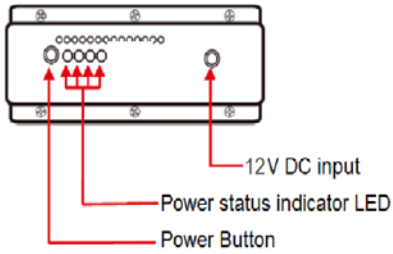
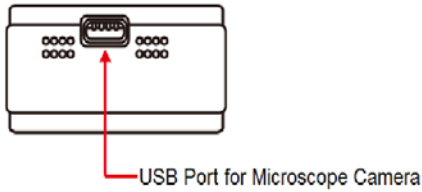
Basic Information





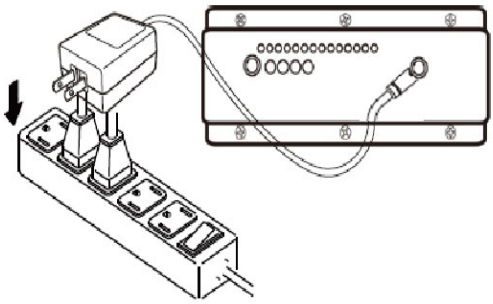
Connecting the Dino-Lite digital microscope

Connect the USB plug on the Dino-Lite to the USB connector on the device.

Note: Not all Dino-Lite USB digital microscopes are fully compatible with the MSVC72W. Please check www.dino-lite.eu for detailed information about the compatibility of your Dino-Lite model.

How to Charge

1. Connect the DC adapter's plug to the MSVC72W. Plug the AC adapter into an AC outlet. The MSVC72W can be charged while being used.



2. The power status LEDs will blink to indicate the capacity of battery when the device is in charge mode. When the battery is at full charge the 4 LEDs should all be ON.

Power LED Status	Battery Capacity
LED1 Blink	< 30%
LED1 On, LED2 Blink	30%<Bat< 50%
LED1 & 2 On, LED3 Blink	50%<Bat< 80%
LED1, 2 & 3 On, LED4 Blink	80%<Bat< 100%
LED1, 2, 3 & 4 On	100%

Recharge time: 8 hours
Operating time: 6 hours

Wi-Fi Scope

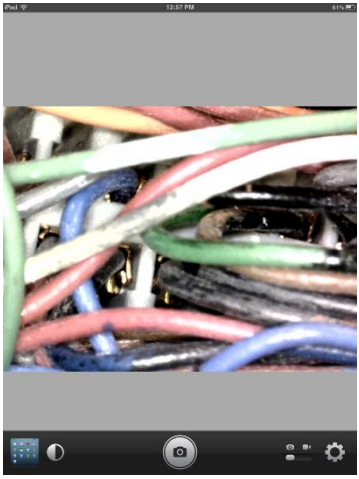
1. Download the “Wi-Fi Scope” app from the App Store or Google Play by searching for Wi-Fi Microscope
2. Press and hold the silver power button on the MSVC72W until the blue LED lights illuminate
3. Connect the Dino-Lite to the MSVC72W via USB
4. Select “Settings” on your tablet or smartphone, then select “Wi-Fi”
5. A list of available networks will appear. Select the “camserver2” network from the list

6. Once connected, open the “Wi-Fi Scope” app
7. The Dino-Lite LEDs should illuminate and streaming video should be displayed in the app.

   * Broadcast to up to 10 devices within a 15m (50ft) range. Broadcasting to 11-40 devices will result in a drop in frame rate.

Image Capture

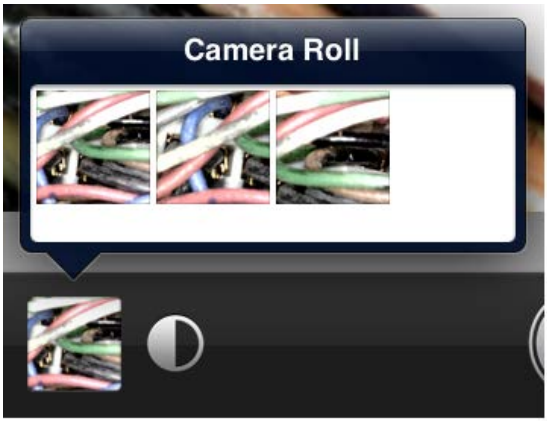
To capture an image, press the image capture button . The image will be saved to “Photos”



Record Video

To record video, slide the Image Capture/ Video Recorder toggle bar to the right Press the record button once to start recording and again to stop recording. The video will be saved to “Photos”

Camera Roll

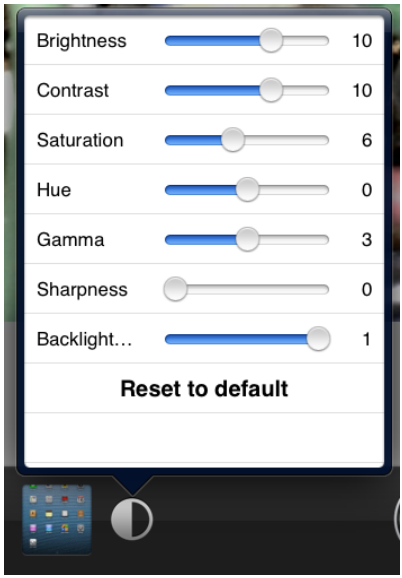


To access previously captured images, press the camera roll button in the lower left hand corner of the app. The button will display a thumbnail of the last image captured, or appear black if no images have been captured. To select a previously captured image for review, press on the desired image.

Once the image is displayed, you can e-mail the image, assign to contact, print or copy by selecting the “Share” button at the bottom right hand corner. To return to the streaming video, press the “Done” button at the bottom left.

Image Settings

The image settings menu can be accessed by pressing the “Image Settings” button



The image settings menu allows you to adjust Brightness, Contrast, Saturation, Hue, Gamma, Sharpness and Backlight Compensation

Settings can be restored by pressing “Reset to default” in the image settings menu

Settings

The settings menu can be accessed by pressing the “Settings” button at the bottom right

Resolution

A list of resolutions offered by the Dino-Lite model you are using will be displayed. By default, 640x480 will be selected. Please note that frame rates will decrease as resolution increases. Once a resolution has been selected, press the “Done” button at the top right to return to the streaming video. (The device supports 640x480 resolution. Additional resolutions are available when using 5MP Dino-Lite models.)

Microtouch

By default the Microtouch feature in disabled when using the Wi-Fi Scope app. To enable, select "Microtouch" from the settings menu and press "Single Touch". To disable the Microtouch press "Off".

Please note that this feature requires a Dino-Lite model which includes the Microtouch trigger. Once a selection has been made, press the "Done" button to return to the streaming video

Info

The info tab will list the version of Wi-Fi Scope that is currently installed

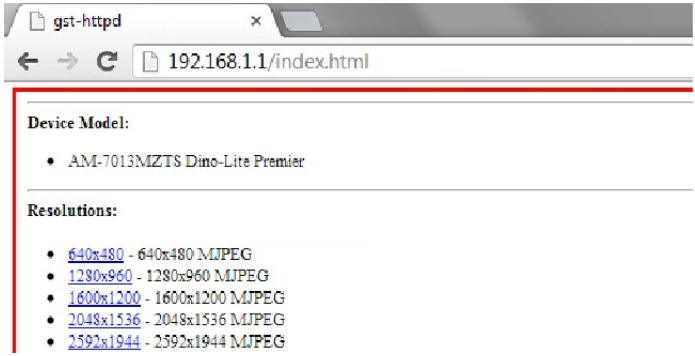
Press the "Done" button to return to the streaming video

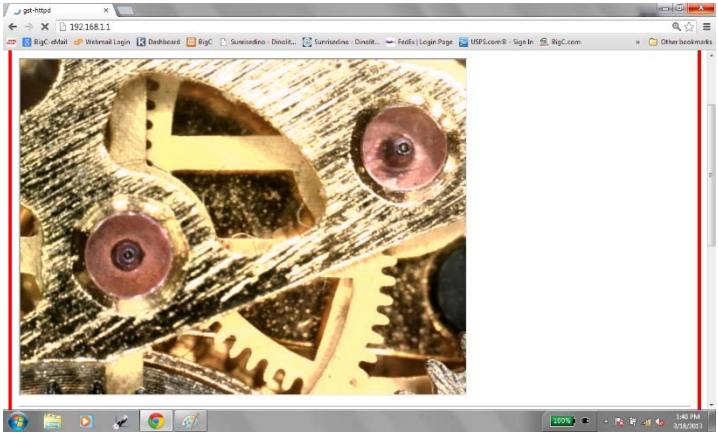
Browser viewing

Please note that browser viewing is only working on selected browser versions, depending on the streaming implementation in the browser.

1. Press and hold the silver power button on the MSVC72W until the blue LED lights illuminate
2. Connect the Dino-Lite to the MSVC72W via USB
3. Connect to "camserver2" network on your PC, Mac or Android tablet or smartphone
4. Open a browser, i.e., Internet Explorer, Chrome, Safari, etc., and go to the following web address: 192.168.1.1/index.html

5. Select the desired resolution from the list. Please note that frame rates will decrease as resolution increases. Video will begin streaming once a resolution has been chosen. (The device supports 640x480 resolution. Additional resolutions are available when using 5MP Dino-Lite models.)





Troubleshooting

If the device is not powering on hold the silver power button for 5 seconds until LEDs illuminate

If your Dino-Lite is not being recognized, please verify model compatibility. Compatible Dino-Lite models include the following series: AM/AD4xx, AM/AD4xxx (R4 only), AM2xxx/AM3xxx, AM/AD7xxx, MEDL3H, MEDL4XW, MEDL7XX. A detailed list of compatible models can be found at www.dino-lite.eu.

When reconnecting a Dino-Lite via USB or switching between models, please allow up to 10 seconds for the device driver to load before video is displayed. If video is not displayed after 10 seconds, it may be necessary to reboot the MSVC72W and reconnect to the “camserver2” network.

For additional information or technical support please visit www.dino-lite.eu.

Package Content

The following items are in the package.

MSVC72W	1x
User manual	1x
Power adapter	1x

Specifications

WiFi scope software	OS	Apple IOS/ Android
	Language	English
Power	AC adapter	12 V
	Built-in battery	Lithium 5000 mAh
	Battery time active	6 hours
Size (L x W x H)		10,5 x 5,1 x 7,7 cm
Weight		0,37 kg

Warranty

The Dino-Lite digital microscopes are delivered with a two year warranty from the date of purchase by the end customer. The Dino-Lite MSVC72W WiFi streamer is delivered with a one year warranty from the date of purchase by the end customer. Please note that accessories (i.e. detachable caps/extensions) are not covered under warranty. For warranty issues please contact the reseller or store where you bought the product.
The content of this manual has been prepared with care, but Dino-Lite Europe does not warrant for any mistakes or omissions. Dino-Lite Europe is not responsible for loss of personal data, productivity or otherwise resulting from wrong operation or product failure. The software, hardware and this manual may be modified without further notice.

Support

If you have any problem or issue with your Dino-Lite or the MSVC72W, please contact your reseller or check the Dino-Lite Europe support pages at www.dino-lite.eu/wifi.

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AnMo Electronics Corporation and its authorized representative in the EU, IDCP BV, declare that the apparatus Dino-Lite and DinoEye comply with the essential requirements and other relevant provisions of Directive 1999/5/EC. The original Declaration of Conformity can be found at www.dino-lite.eu/doc/dino-lite.pdf.

IDCP BV declares that the MSVC72W video server complies with the essential requirements and other relevant provisions of Directive 1999/5/EC. The original Declaration of Conformity can be found at www.dino-lite.eu/doc/msvc72W.pdf.

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