

# Digital Wifi Eyepiece (Digital Camera)-Overview

The BIMC-A03A is known around the globe for their ease-of-use and adaptability to a number of applications. The JC Cam's unique "All In One Box" design, assures each user that this camera can fit almost any microscope whether it's for Educational, Industrial or Clinical use. The JC CAM allows you to convert your digital images into documentation files for professional printing. It is equipped with a USB 3.0 and Wi-Fi for data transfer, ensuring a good response time



## Live stream with multiple devices



BIMC-A03A can send streaming images to a maximum of 10 WiFi enabled devices without the need for a router. High resolution streaming Wi-Fi camera.

## Turns conventional microscope into a wireless digital microscope camera!



### Image Sensor:

APTINA MT9P001 CMOS (Colorful)

### Scan Mode:

Scan line by line

### Maximum Resolution:

2592 x 1944 (5038848 pixels)

### Sensor Optical Format:

1/2.5" [5.70mm x 4.28mm (H x V), Diagonal 7.13mm]

### Pixel Size:

2.2 $\mu$ m x 2.2 $\mu$ m

### Dynamic Range:

70.1dB

### ADC:

12-bit, 8-bit R.G.B to PC

### SNRmax:

38.1dB

### Spectral Characteristics:

380-650nm (during daytime mode)

### Preview Mode (USB & Wifi 5G):

10FPS@2592x1944, 15FPS@1920x1080, 30FPS@1280x960, 1280x720, 1024x768, 800x600, 640x480

### Binning Mode:

1 x 1, 2 x 2

### Exposure Capability:

3.9ms-320ms, Automatic and Manual

### White Balance:

Automatic and Manual

### Software Interface:

Direct Show

### Capture Modes:

Photo and video

### Support System:

Microsoft® Windows XP/7/8/8.1/10, IOS, Android

### Computer Configuration:

CPU: equal or more than the second generation Intel core 2.8GHz, Memory: 2GB or more, USB port: USB 2.0 / 3.0 or more, Displayer: suggest 17" or larger

### Packing size:

245 x 155 x 90mm (L x W x H)

\*Standard packing: Main Body + 0.5x Eyepiece + 30mm & 23.2mm Adapter + Software CD + USB

\*All of our microscopes are covered by a 5 year warranty on mechanical components and 2 year warranty on electrical components