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## WUCAM Series C-mount WIFI+USB CMOS Camera



C-Mount camera has 25.4 mm or 1 inch diameter with 32 threads per inch;

Scientific research grade camera with Aptina CMOS sensor;

Switchable USB+WIFI data interface;

Send MJPEG encoded high-resolution images from camera to WiFi-enabled smartphones, computers, and tablets with iOS, Android, and Windows operating systems;

Streams images to several devices simultaneously;

Send MJPEG encoded high-resolution images from camera to USB-enabled computer with UVC standard protocol

Alloy CNC housing;

Ultra-Fine color engine with perfect color reproduction capability;

With advanced video & image processing application

ToupView(only support simple video viewing capturing for IOS/android system);

### Specification

## WUCAM Series C-mount WiFi+USB CMOS Camera

ToupTek WUCAM is a camera that has the WiFi output and USB output. An on-camera switch is used to switch between the WiFi output and USB output.

When WiFi output is available, this camera is used as a WiFi camera and could be connected to mobile devices, such as smart phones, pads and computers. It could work with ToupView app on iOS, Android and windows platform. More than 6 users could connect the camera simultaneously by WiFi connection.

When USB output is available, this camera is used as a USB camera and could support UVC standard. The camera could be used with ToupView or other 3rd part software which could support UVC camera.

| Order Code               | Sensor & Size(mm)                    | Pixel(μm) | G Sensitivity<br>Dark Signal    | FPS/Resolution | Binning | Exposure      |
|--------------------------|--------------------------------------|-----------|---------------------------------|----------------|---------|---------------|
| WUCAM0720PA<br>WU600720A | 720P/MT9P001(C)<br>1/2.5"(5.63x3.17) | 2.2x2.2   | 0.53V/lux-sec<br>66.5dB<br>40dB | 30@1280x720    | 2x2     | 0.21ms~2000ms |

### OTHER HARDWARE CONFIGURATION

|                           |                                                                                                                   |
|---------------------------|-------------------------------------------------------------------------------------------------------------------|
| Output Interface          | USB or WiFi(on Camera Switch)                                                                                     |
| Spectral Range            | 380-650nm (with IR-filter)                                                                                        |
| White Balance             | Whole Area White Balance/ Manual Temp Tint Adjustment/NA for Monochromatic Sensor                                 |
| Color Rendering Technique | Ultra Fine Color Engine                                                                                           |
| Capture/Control SDK       | Windows/Linux/macOS/Android Multiple Platform SDK(Native C/C++, C#/VB.NET, Python, Java, DirectShow, Twain, etc); |
| Recording System          | Still Picture and Movie                                                                                           |
| Maximum Connected Device  | 6~7                                                                                                               |
| Cooling System*           | Natural                                                                                                           |

### OPERATING ENVIRONMENT

|                       |                                                  |
|-----------------------|--------------------------------------------------|
| Operating Temperature | -10°C~ 50°C                                      |
| Storage Temperature   | -20°C~ 60°C                                      |
| Operating Humidity    | 30~80%RH                                         |
| Storage Humidity      | 10~60%RH                                         |
| Power Supply          | USB Power Adaptor, Not Recommend for PC USB Port |

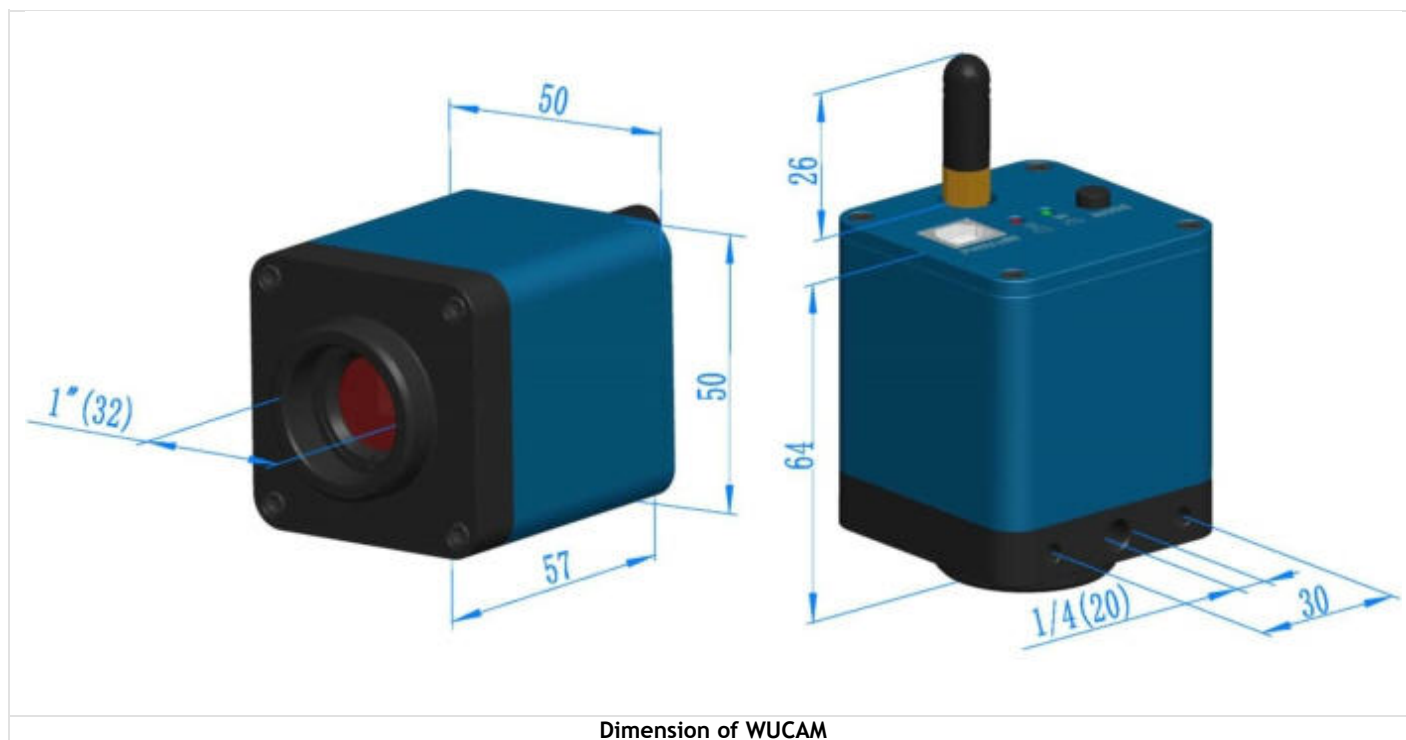
### SOFTWARE ENVIRONMENT

|                  |                                                                                                              |
|------------------|--------------------------------------------------------------------------------------------------------------|
| Operating System | Support Microsoft Windows XP / Vista / 7 / 8 / 10 (32 & 64 bit)<br>IOS IPAD or iPhone, Android PAD and Phone |
|------------------|--------------------------------------------------------------------------------------------------------------|

|                 |                                            |
|-----------------|--------------------------------------------|
| PC Requirements | CPU: Equal to Intel Core2 2.8GHz or Higher |
|                 | Memory: 2GB or More                        |
|                 | WIFI Adapter with DHCP Enabled             |
|                 | Display: 17" or Larger                     |
|                 | CD-ROM                                     |
| PAD             | IPAD or PAD with Android System            |
| Mobile Phone    | IPhone or Smart Phone with Android System  |

## WUCAM Series C-mount WIFI+USB CMOS Camera Dimension

The WUCAM body, made from tough, CNC aluminum alloy, ensures a heavy duty, workhorse solution. The camera is designed with a high-quality IR-CUT filter to protect the camera sensor. No moving parts included. This design ensures a rugged, robust solution with an increased lifespan when compared to other industrial camera solutions.



Dimension of WUCAM

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