



USB/LAN/WiFi microscope camera

Code HGB009

This camera can be connected to smart devices and computers via USB/LAN/WiFi for capturing images and videos with stereoscopic microscopes or biological microscopes. It can also be networked to an interactive teaching system with microscopes, which is very practical for teachers and students.

Main features

- C-mount CMOS camera with large back-illuminated Sony Exmor sensor
- Highly versatile thanks to multiple output interfaces
- Powerful ISP functions guarantee high visual quality
- Real-time video transmission can reach up to 30fps/4M
- The PC software is suitable for biological and stereoscopic observations
- ToupView app for smartphones or tablets
- It can be used on different platforms (Windows/Linux/OSX/Android)



Specifications

Code	Sensor and size	Pixel size (μm)	G-light sensitivity Dark signal	FPS/Resolution	Exposure
HGB009	4M/Sony IMX347(C) 1/1,8"(7,8x4,38)	2,9x2,9	921mv with 1/30s 0.15mv with 1/30s	30/2688x1512 (USB) 30/2688x1512 (NETWORK)	0,021 ms-1000 ms



USB/LAN/WiFi microscope camera

Code HGB009

Five ways to use the camera

1



The camera is used by connecting it to a computer via a micro USB cable.

2



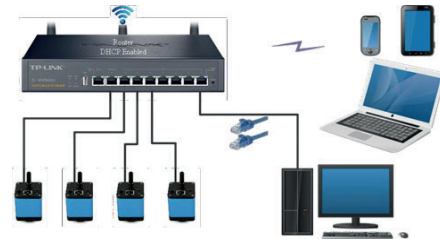
The camera operates in WiFi AP mode.

3



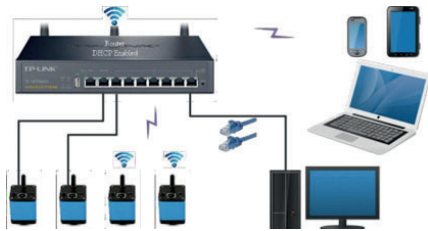
For network applications, multiple cameras are connected to the router using WiFi STA mode.

4



For network applications, multiple cameras are connected to the router via the LAN port.

5



For network applications, multiple cameras are connected to the router via the LAN port or in WiFi STA mode.

Items included

- USB-micro USB cable
- 1GB USB flash drive with software
- Graduated slide (division 0.01 mm)
- AC/DC adapter, output 5VDC



Note: To attach this camera to a microscope with 23 mm tubes, we recommend purchasing the 0.5X C-mount-23mm adapter (reference HGG001).