

CWH5 MICROSCOPE CAMERA WITH MEASUREMENTS FULL HD 5MP (SD/WIFI/HDMI)



SKU: 149320C



FHD CMOS CAMERA WITH MEASURING AND IMAGE PROCESSING SOFTWARE

C-WH5 – Full-HD C-mount microscope camera equipped with SD card for image/video internal storage, HDMI output connection, WiFi output connection, Sony CMOS high-quality sensor, HDMIPRO software.

Smart and user-friendly **multi-brand** camera with a powerful built-in software and good image resolution (**up to 5MP**). Recommended for routine operations and whenever measurements are required.

Compatible with SLX5 trinocular microscope, by adding the M620 **C-Mount adapter** (NOT included).

Package content: Camera – SD card (16GB) - Power supply – Calibration slide – HDMI cable (1.5m) – Wireless mouse – Wi-Fi adapter.

General specifications

- Camera resolution: **2592 x 1944 p**, Full HD
- Top-class, Sony CMOS sensor ensures **beautiful true-to-life colours and high quality images**, rich in contrast and detail
- Image capture / Video recordings on **SD card**: Yes
- Output: **WiFi / HDMI**
- Image processing built-in software: **HDMIPRO**



- It can be connected to PC at any time and used via the downloadable, free of charge **PROVIEW** software (Windows), always available to enable the latest updates
- Does not require software installation for image/video capturing on SD card when in HDMI mode
- Operating system: OS Windows
- **C-Mount:** Yes – Universal connection to any microscope brand
- Power plug type: **Multiplug** (EU, UK, US)
- Input voltage: 100/240 Vac, 50/60 Hz
- Output voltage: 12 Vdc, 1000 mA
- Dimensions: 65 x 78 x 88 mm.

Sensor

[click here to read Sensor](#)

- **Camera resolution (WxH): 2592 x 1944 pixels**
- Mode: Colour
- Sensor size: 1/1.8"
- Sensor technology: CMOS
- Sensor type: SONY
- Image format: 16/9
- Pixel size: 2.4 x 2.4 mm
- Color depth: 1, 4, 8, 24 Bit
- Exposure time: 0.03 msec - 918 msec
- Binning: 1 x 1
- IR filter range (IR CUT): 380-650 nm.

HDMI

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- **HDMI resolution: 2 MP**
- Live HDMI measurement: Yes
- Speed max.: 60@1920×1080 fps
- Exposure: Auto / Manual
- White Balance: Auto / Manual / ROI.

WiFi

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- **WiFi resolution: 5 MP**
- WiFi frame rate full resolution: 25@1920*1080 fps
- WiFi speed: 802.11n, 150 Mbps
- WiFi signal From the camera
- WiFi signal ready: About 10 seconds after turning on.

HDMIPRO Software specifications*



[click here to read HDMILITE](#)

- Archiving: Yes
- Languages: Chinese, English, French, German, Italian, Japanese, Korean, Thai
- **Image acquisition:** Image/video saving in multiple formats - Continuous automatic exposure - Manual exposure - Color acquisition - Numerical focus indicator - White balance (Auto/Manual/ROI) - Image enhancement - Zoom in - Zoom out - Image comparison - Browse of images and video - Picture in picture (PIP) - Freeze image - Horizontal flip - Verical Flip
- **Image processing:** HDR (High Dynamic Range) - Text Overlay - Ruler Overlay - Arrow Overlay - Measurement Overlay - Grids
- **Measurements:** Live measurement - Still image measurement - Select measurement unit - Available measurements - Line - Angle - Parallel lines - Rectangle - Ellipse - Circle - Annulus - Curve - Arc - Polygon - Export to Excel.

* ATTENTION: More functions are available by connecting the camera to a PC on which is installed the free of charge, downloadable PROVIEW software.