

# Digital Camera For Microscope Manual

## 1. Key operation:

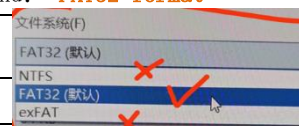
	Long press: Power Off      Short press: Power On Short press (working): enter menu / return last level
	enter menu / return last level
	Highlight shift up. When NO MENU: Zoom in
	Highlight shift down. When NO MENU: Zoom in
	Decrease item. When NO MENU: enter record
	Increase item, or OK. When NO MENU: take photo

## 2. HDMI & USB & TF Card/ U disk interface function:

<b>HDMI</b>	Connect to LCD monitor with an HDMI port
<b>USB 2.0 30FPS</b>	Power supply: just connect USB to PC computer. No need 12V adapter. UVC, support: Window XP, Win7, Win8, Win10
<b>TF Card Max:64 G</b> <b>U_disk Max: 32 G</b>	When camera power off, insert or pull the card. Otherwise need power up again. Can get the available space of card using MENU. Demand: <b>FAT32 format</b>

## 3. Common Functions:

<b>Zoom in</b>	Press   x1.0-x3.0-x4.0
<b>HDMI output Resolution</b>	MENU->Advanced setting->resolution. For 16:9 or 4:3 screen
<b>Freeze</b>	MENU->Advanced setting->Freeze
<b>AWB Correction</b> <b>Manual WB</b> <Better color effect>	Operation: Put a white paper ,adjust light ,focus. Enter Menu->AWB. set AWB correction once. Also you can select AWB->Auto/Manual.
<b>Software upgrade</b>	Operation: First copy "FW4H1.bin" to empty card. Insert card to camera, Then power up camera again. The LED will be Red and flashing ,then change to green. Pull card.



## 4. Take Photo Record Play back:

<b>Take Photo</b>	Press  Tips: When take photo, Red LED flash
<b>Record</b>	Press  Enter/Return Record MODE ,Then Press  to Start/Stop recording. Tips: When recording, Red LED flashing.

## 5. FAQ:

Questions	Solutions
LCD no video or flicker	1、 Check power supply. Check green LED be onlight. Press PowerKey to Up it . 2、 Check lens cover. Increase the lighting .
LCD have black bar Image warp	1、 change resolution of LCD 2、 change resolution of camera (* Please reference <b>3. Common Functions</b> )
Image colour cast	1. AWB Correction Manual WB (* Please reference <b>3. Common Functions</b> )
Dirty spot	Check camera and lens, find the dust, then clean using absolute ethyl alcohol or cleanser