Microscope-Pi
Quick Start Guide

Microscope-Pi is a free custom Raspberry Pi image that allows for compatible USB Dino-Lite models to be displayed via Raspberry Pi and HDMI to a TV or Monitor

INSTALLATION

Use the Win32DiskImager to write the image file to a microSD card with a single 4GB+ partition

1. Insert SD card into the Pi, plug in USB Keyboard and USB Microscope.
2. Connect HDMI to monitor.
3. Plug power adapter into the Pi and let it power on. During the first boot the boot animation may stutter while the Pi is doing some initial configuration.
4. Once loaded, you should be seeing the microscope image right away.

COMPATIBILITY

Dino-Lite

- UVC, USB 2.0 Models: AM2111 – AM7915MZTL

Raspberry Pi

KEYBOARD COMMANDS (all models)

UP/DOWN	Cycle through UVC Controls
LEFT/RIGHT	Adjust currently selected control
O	Cycle through cross hairs (off, red, black)
P	Pause/Unpause
R	Change Resolution
Q	Quit

5MP KEYBOARD SHORTCUTS (5MP Dino-Lite model required)

L	LED On/Off
F	FLC On/Off
T/G	FLC Adjust Bright/Dim
A	Auto Exposure On/Off
W/S	Exposure Time Up/Down
1	LED 1 Control
2	LED 2 Control
3	LED 3 Control
4	LED 4 Control