USB Webcam

The USB Webcam is a true plug and play UVC device. The PhidgetSBC will automatically recognize the Web Cam when it is plugged in and will create a port for it. The software driver is included in the PhidgetSBC.

The Webcam is a simple camera with an integrated microphone and you can manually adjust the focus from 3cm to infinity. This webcam will automatically adjust white balance and exposure as needed.

Warning: This device is not compatible with the 1073 – PhidgetSBC3.

(This webcam supports both MJPEG and YUYV, but is unable to use MJPEG over USB 2.0. Since the SBC3 uses USB 2.0, it is forced to use YUYV, which still works, but only at low resolutions or low framerate.)

Warning: This device is only partly compatible with the Phidget SBC4.

Again, the SBC4 is forced to use YUYV, which still works, but is very CPU intensive at higher resolutions and framerates. Using this webcam with the SBC4 at 25 frames per second will use up about %60 of the CPU.

Product Specifications

Camera Properties	
Camera Resolution Max	640×480
Video Format	24-bit True Color
Frame Rate Max	30 fps
Manual Adjustable Focus	3 cm to Infinity

Electrical Properties	
I/O Communication Protocol	USB 1.1
Current Consumption Max	58 mA

Physical Properties

Connector Type   USB Type-A (Male)