

Product Features

- SDK user documentation in HTML format
- Example code in C++
- *Vidiface.h* - source interface header file
- *Vidprop.h* - definitions required to support adjusting camera properties
- *Videologyplugin.ax* - AV stream driver COM interface
- *Vidousb.sys* - Device driver
- *Videosb.inf* - Windows Driver information file
- *Vidusb2.exe* - Stand alone viewer application



General Overview

This SDK covers two different Videology camera families. The 20/21KXXUSB-C family of cameras has 1/4" CCD sensors, 380,000 or 250,000 pixels in NTSC or PAL resolution. The 24XX.3XUSB family has a 1.3 Megapixel CMOS sensor with a maximum resolution of 1280x1024. Although both families use the same Windows driver, the feature set is somewhat different.

The driver that supports these cameras, *vidousb.sys*, is an AVStream driver that is exposed for your use as a DirectShow capture filter. Programs will use it by creating a DirectShow filter graph and adding our filter, and then using standard DirectShow APIs to control it.

The SDK covers the methods for accomplishing the following in your custom application.

- Finding your Videology camera
- Displaying camera property pages
- Controlling a USB camera
- Managing common settings
- Changing the image size, aspect ratio, frame rate ect.
- Capturing snapshots

Software Requirements

- Microsoft Platform SDK
- C++ compiler

Supported Cameras

- 24B1.3XUSB-C
- 24C7.3XUSB
- 24C1.3XUSB
- 20/21K13USB-C
- 20/21K14USB-C
- 20/21K15USB-C
- 20/21K75XUSB-C
- 20/21K758USB-SYS