EN: This Datasheet/Document is presented by the manufacturer.

Please visit our website for pricing and availability at www.hestore.hu.

USB 16MP Wide Angle Camera Module



16MP Sony IMX298

(SKU: B0268)

QUICK START GUIDE

SPECS

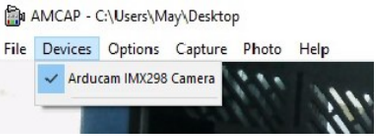
Camera	
Sensor	1/2.8” IMX298
Resolution	16MP 4656H x 3496V
Data Format	MJPG
Frame rate	MJPG 10fps@4656x3496/3264x2448/2592x1944; 30fps@1080P/720P/1024x768; YUY2 10fps@1024x768, 10fps@640x768
Lens	
Field of View (FOV)	105°(H)
Lens Mount	M12
IR Sensitivity	Integral IR filter, visible light only
Functionality and Compatibility	
Auto Controlled Features	Saturation, Contrast, Acutance, White balance, Exposure.
System Compatibility	Win7/8/10, Linux, Mac and Android with UVC
Power	
Power Supply	DC 5V
Working Current	MAX 200mA
Physical	
Operating Temp.	-4°F~167°F (-20°C~+75°C)
Dimension	38x38mm (Mount compatible with 34x34mm, 28mmx28mm)
Cable Length	3.3ft (1M)

How to use the program (Windows demo only)

The Menu bar at the top of the shown image contains few menu items and the current preview resolution and the frame rate are displayed on the bottom bar when the application is running. The following sections describe each of the menu items in detail.

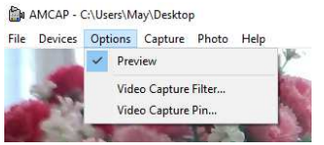
- Menu>Devices

This menu will show the available video devices to host PC. The B0268 named "Arducam IMX298 Camera".



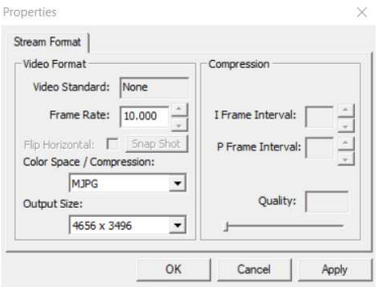
- Menu>Options

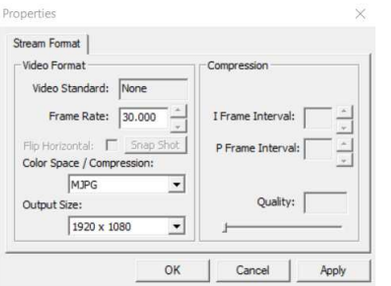
The options menu can be used to select the preview and image parameters supported by this camera.



How to use the program (Windows demo only)

- Video Capture Pin





INTRODUCTION

- About this USB Camera

The B0268 is a new member of the Arducam’s USB camera family. It’s an 16MP, UVC compliant, wide angle, M12 USB 2.0 camera. This USB camera is based on the 1/2.8” Sony IMX298 image sensor, and you can read more about its specs in the next chapter. Arducam also provides the sample application that demonstrates some of the features of this camera.

- About UVC

The B0268 is a UVC-compliant camera. The native UVC drivers of Windows, Linux and Mac shall be compatible with this camera so that it does not require extra drivers to be installed.

- About Customer Service

If you need our help or want to customize other models of USB cameras, feel free to contact us at support@arducam.com

QUICK START

- How to download the program

Download the APP AMCap from the following link https://www.arducam.com/downloads/app/AMCap.exe

NOTE:

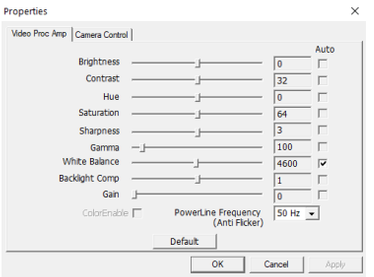
1. If used with the Android device, USB Camera APP and connect adapter are needed.
2. For Mac OS, please open the native software facetime and select the video camera “USB Camera” .

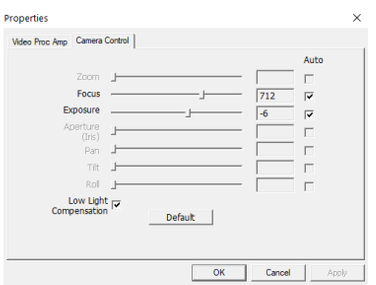
- How to connect the camera

Connect the one end of the USB 2.0 cable to the USB 2.0 connector provided on the back of B0268, and connect the other end to the USB 2.0 host controller on the computer.

How to use the program (Windows demo only)

- Video Capture Filter -> Video Proc Amp/Camera Control





How to use the program (Windows demo only)

- Menu> Capture

The capture menu is used to capture the still image and video by using this application. You can also select the related parameters.

