

ASCOM Driver Installation for Apogee Cameras Using Maxim DL software

Applicable to Apogee CCD cameras

Initial considerations

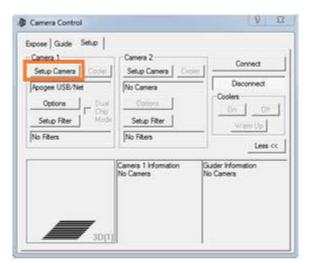
ASCOM is a plug and play control interface for astronomy software and hardware. Here we discuss the setup for ASCOM control of Apogee CCD cameras from Andor Technology on Maxim DL software.

There are assumptions that the following has already been successfully installed:

Maxim DL software
Apogee camera drivers ^[1] (Install instructions can be found in the **Apogee Driver Installation and verification test**technical document on the Andor Support website ^[2]).
ASCOM platform ^[3]
Apogee ASCOM driver ^[4]

Setup

- 1. Start Maxim DL.
- 2. Open the Camera Control dialogue 🕢 and select Setup Camera from the Setup tab.



3. Select ASCOM from the Camera Model list and the "Advanced..." button to select the camera type.

Setup ASCOM	? ×
ASCOM Plug-in Version 5.24 Copyright © 2009-2012 Diffraction Limited	ОК
Support: www.cyanogen.com	Cancel
Camera Model	
ASCOM	Advanced
ASCOM	
Canon Eos 1 Canon Eos II Celestron	



4. Select Apogee Camera from the list, then Properties.

If the camera supports Pre Flash, enable the checkbox, then select the "Select Camera" button.

Trace Select the type of camera you have, then be s Properties button to configure the driver for	ure to click the your camera.	Select Camera Enable Pre Rast Version 5.5.4.39226	ASC
Apogee Camera	OK	Cancel	OK
about ASCOM, a set of		<u>.</u>	
standards for inter-operation of	Cancel		

5. Choose the camera connection interface before pressing the "Search..." button. Select the camera that is returned in the search window and select *OK*.

Connection Interface		· · · · · · · · · · · · · · · · · · ·	
🔽 USB 2.0	F Ethernet	Broadcast 192 -	168 0 255
earch for Devices			
Name	Interface	Id One	Id Two
Aspen-16M	usb	8	0
			.0

6. Press OK in the Apogee Camera Setup, the ASCOM Camera Chooser and the Setup ASCOM windows to finalise the setup.

Technical note



7. Press the "Connect" button in the Setup tab of the Camera Control menu to connect to the camera. If the connection is successful the camera information text should change from "No Camera" to "Camera Idle".

Camera 1 Setup Camera Cook	er Camera 2 Setup Camera Coo	Connect
ASCOM Options	Ial Options	Disconnect Coolers On Off Warm Up Less <<
	Camera 1 Information Camera Idle Cooler is off	Guider Information Camera Idle Cooler is off

If you require any further assistance, please contact your local Andor Support representatives ^[2].

Useful links

- ^[1] Andor driver pack for Apogee cameras <u>http://www.andor.com/pdfs/software/apgSwInstall-x86.zip</u>
- ^[2] Product Support <u>http://www.andor.com/ContactSupport</u>
- ^[3] ASCOM Website <u>http://ascom-standards.org</u>
- ^[4] Andor Downloads and Drivers web page <u>http://www.andor.com/downloads</u>