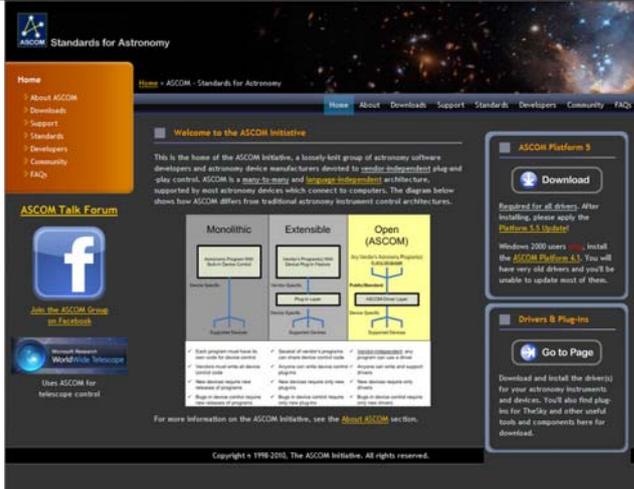
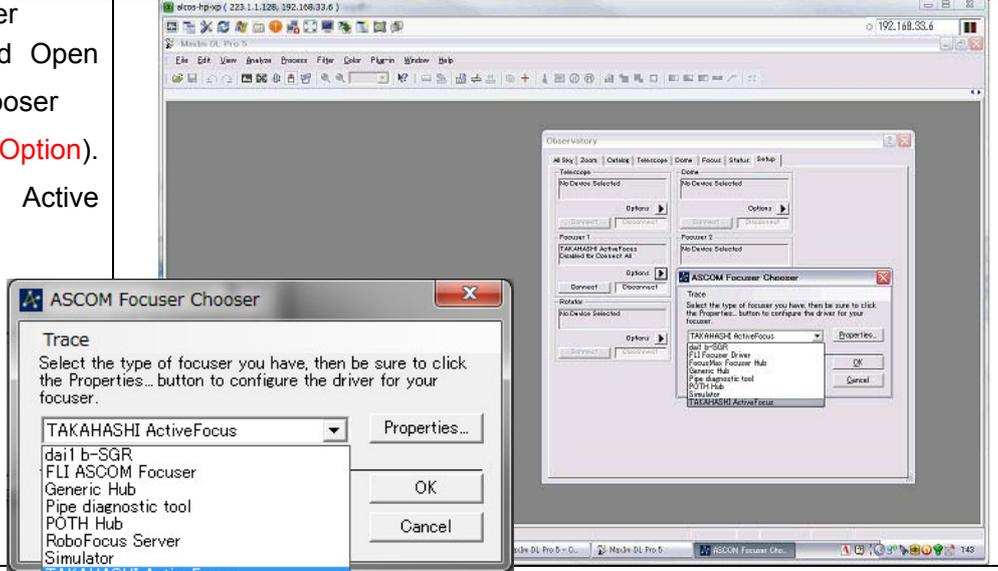


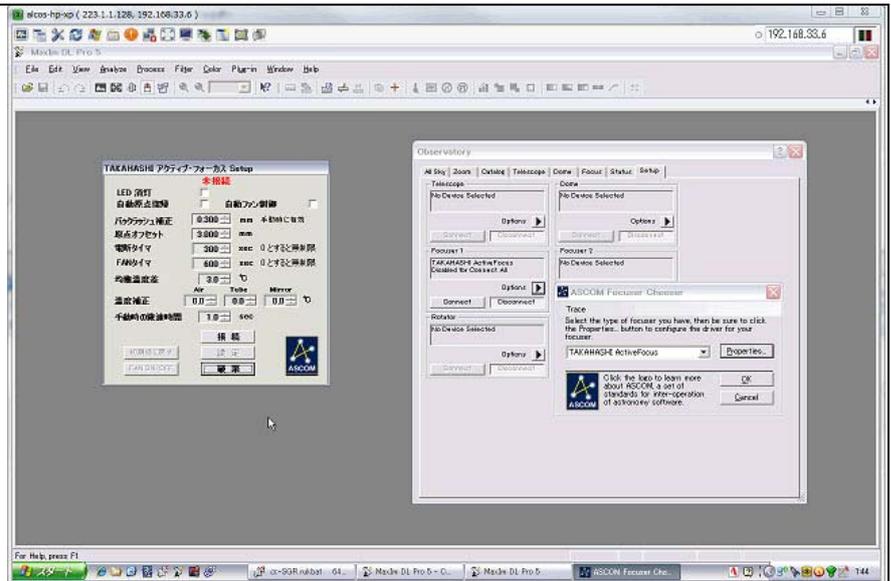
Active Focus Software Installation for ASCOM Platform

By connecting Mewlon-CRS,CCA250 product series with Active Focus, you can use ASCOM Standard Focuser API after installing ASCOM Platform. We introduce an example of MaxImDL installation method and FocusMax.

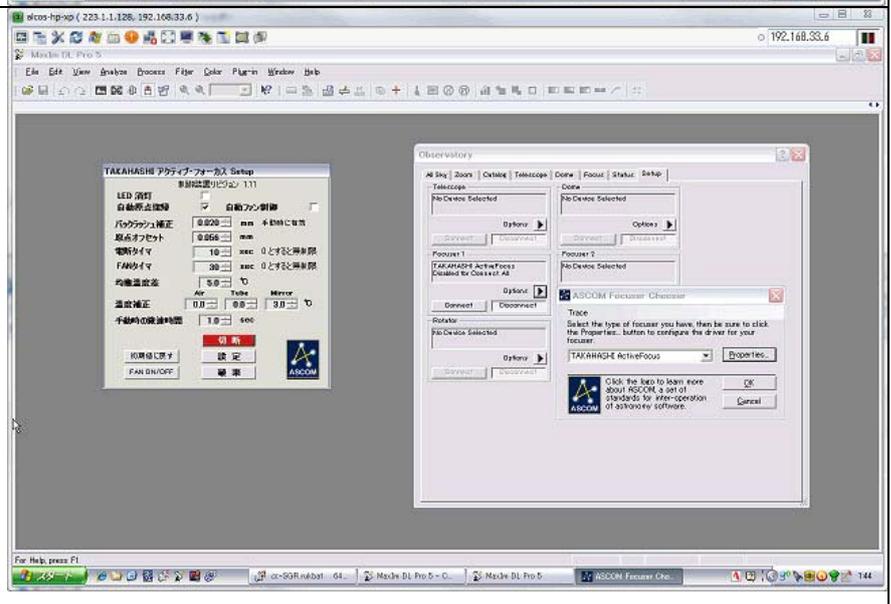
Installation Method

<p>Download and Install ASCOM Platform</p> <p>Download ASCOM Platform 5 and 5.5 Update from http://ascom-standards.org/ and Install the software.</p> <p>Caution: ASCOM Platform 4 is not available for Active Focus Software.</p>	
<p>Installing Active Focus Software for ASCOM</p> <p>In order to Install Active Focus Software for ASCOM, execute ActiveFocus_Setup.exe in CD-ROM and then the software installation starts.</p>	
<p>ASCOM Focuser Chooser</p> <p>Click Observatory and Open ASCOM_Focuser_Chooser window (Focuser1-Option).</p> <p>Select TAKAHASHI Active Focuser.</p>	

Driver Property
Open
ASCOM_Focuser_Chooser
Property.
But when you open this
window at the first time, the
indicator in the window shows
no-connection.



Setup Driver Property
After you confirm the
power-on for the Active Focus,
set-up the Active Focus
parameters. Modify their
parameters, as you like.

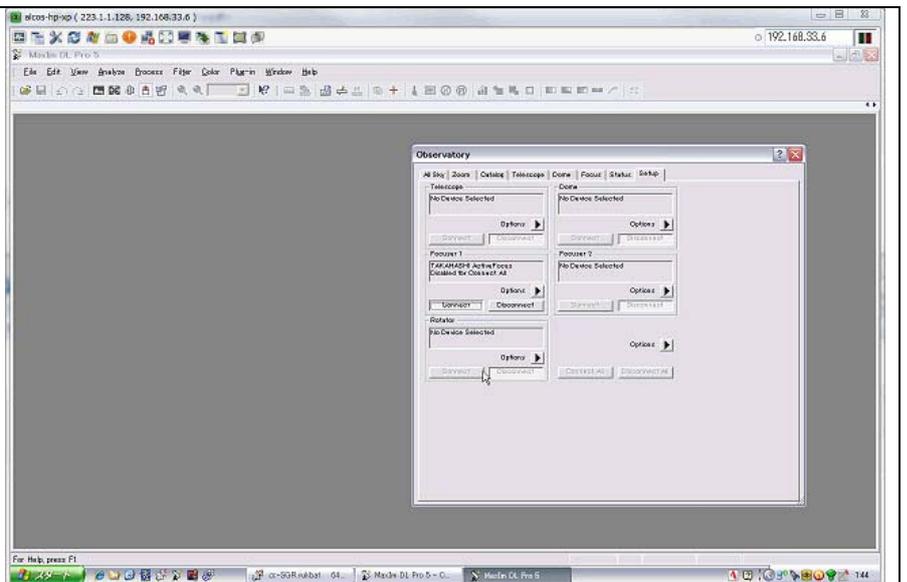


Caution: Do not modify the
Motor Parameters as the
step-range per an input pulse
and so on, because these
parameters are controlled by
Active Focus Device.

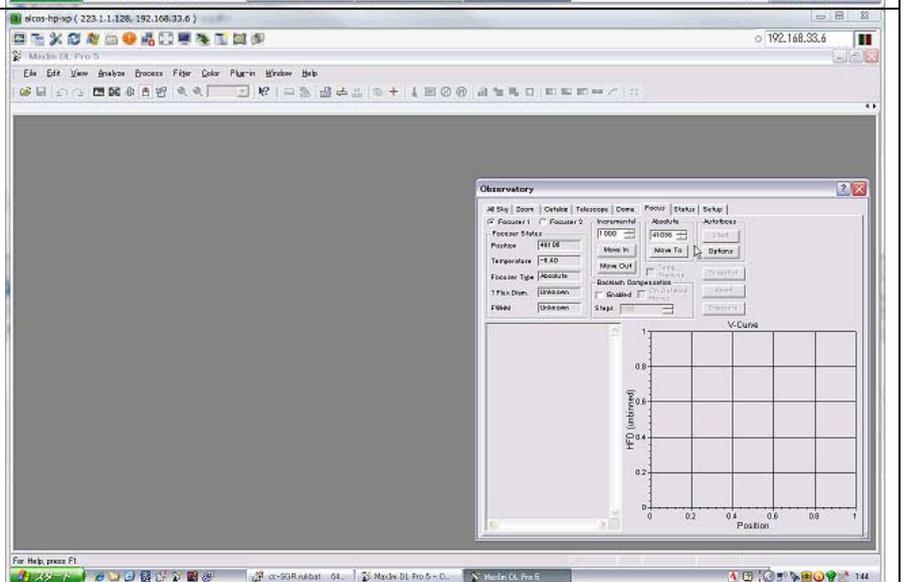
Parameter	TAKAHASHI Active Focus ASCOM Driver Property
Max Input Pulse	192306 Pulse (This parameter is controlled by Active Focus Device)
Step Resolution	10 mm / 192306 Pulse = 0.000052 mm(0.052 μm) (the same as the above)
LED off	Indicator LED turns off.
Origin Detection	When this is checked, Active Focus Origin is automatically detected . When this is not checked, follow the window message.
Fan Control	Automatically control the mirror temperature by three temperature sensors.
Backlash Correction	Active Focus Backlash correction is manually controlled. ASCOM automatically measures the backlash.

Power Off Timer	Transition Time to Sleep Mode (Mewlon-250/300CRS)
Cooling Fan Timer	Set Operating Time of Three Cooling Fans, to prevent batteries drain , and after Thermal balance .
Thermal Equilibrium	Set a Difference in Temperature Tolerance in Three Temperature Sensors.
Temperature Calibration	Calibrate Three Temperature Sensors. Only Outside Temperature is inputted to ASCOM Software Application.
Focus Speed	This parameter is used when Active Focus is manually operated.
Initializing All Setting	Returned to Default Parameters
Cooling Fan Switch	This Switch is Three Cooling Fans On or Off.

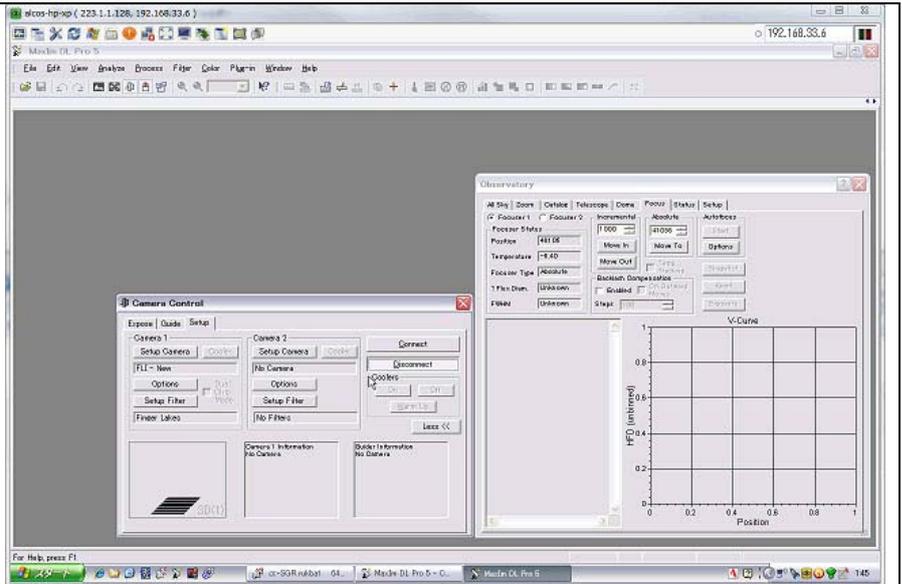
Driver Connect
Confirm the 'Connect'.



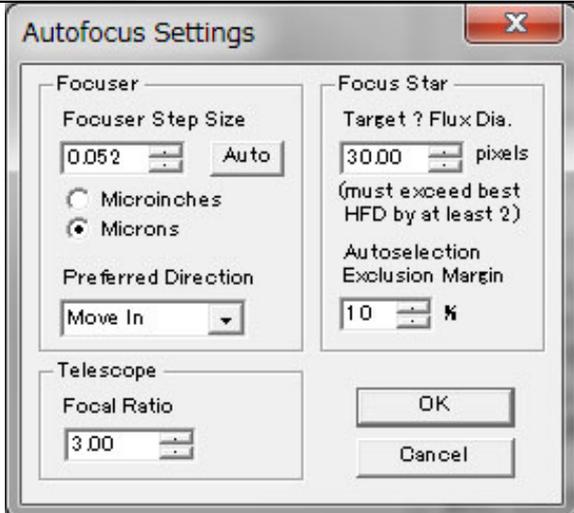
Open Focus Window



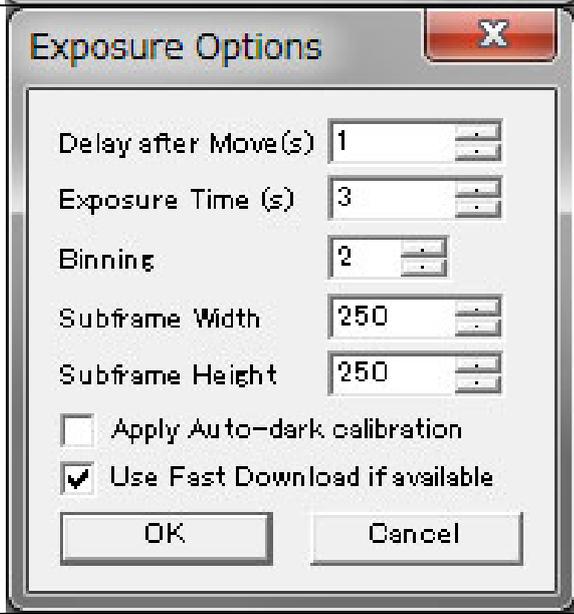
Open Camera Control
 Open Camera Control Window, and then Connect Active Focus with your Camera.



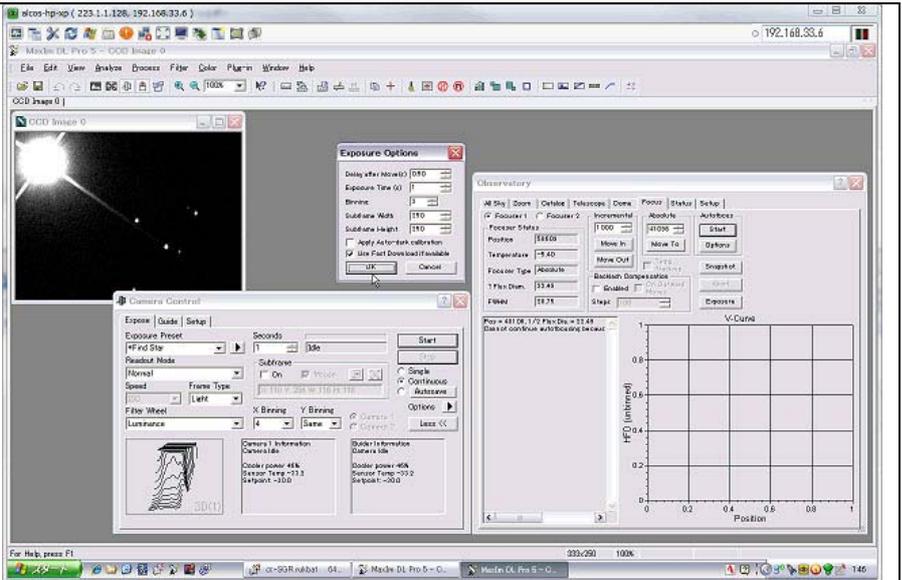
Auto Focus Setting
 Focus Step Size
 When 'Auto' Button is pushed, the Auto Focus is selected.



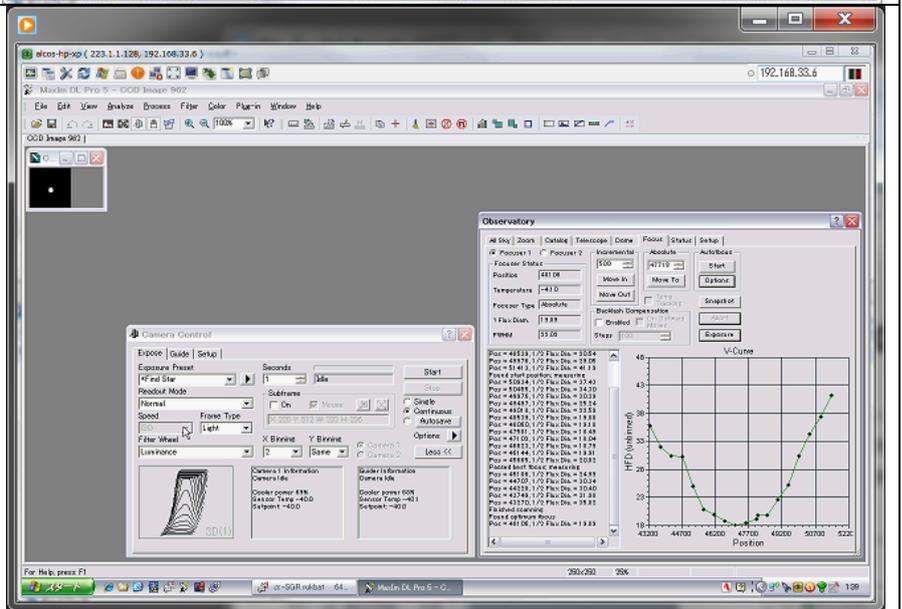
Exposure Option
 Set Exposure Time.



Focusing



End of Auto Focus



Example FocusMax Window

