# AstrojanTools 1.6.4.1- un outil gratuit pour piloter votre EOS

AstrojanTools est un logiciel pour les astrophotographes fonctionnant avec les appareils EOS Canon.

Avec ce logiciel, vous pourrez:

- réaliser une mise au point parfaite
- prendre des séquences d'images
- faire du dithering avec Phd Guiding
- positionner le télescope
- analyser et documenter vos images

Deux versions existent: une version sans ASCOM et une avec ASCOM.

Les captures d'écrans sont prometteuses.

Pour les anciens modèles ( 350D, 20D et 5D ), il faudra renommer le fichier EDSDK_2_11.dll en edsdk.dll. Le 300D n'est pas supporté.

# AstrojanTools for Canon EOS 1.6.4.1 Non-ASCOM-Release (c)2011-2014 by Jan Spieske

Battery Level: n/a
Cam Temp: n/a

Connect EOS

Not connected

| LiveView active | Single Shot active | Noise Reduction | Object catalog |
| Zoom active | Sequence active | Mirror lock enabled | FoV defined |

**Focusing / Positioning** | Single Shot | Sequence Shooting | Quality Control | Image | Settings

Live View | Show Pic | Get Pic | Single Shot ▾

ASTROJAN TOOLS
FOR CANON EOS

Focusing

Zoom Level

1 x

1x

Set

Zoom and
mark structure
for focusing

View Angle
Top View

Side View

0  90 180 270°

Zoom Points

C  1  2
M  3  4

< Frame Size <<

Color Channel  Normal ▾
Display Mode  Default ▾

Zoom Positioning

Lock Marker ☑
Outline ■
Smooth ■

Mirror Pic

d  v

■ Inv RA
■ Inv DEC

Black Level

1 ▴▾ Stacking

■ Add/Average

Zoom

MM ■

AV [____] ▾ [____] ▾ ISO  Cross Hair  Normal ▾

TV [____] ▾ [ 1 ] Secs  Rotation  0,0 [____] ▴▾  Res

| <<< | << | < |
| >>> | >> | > |

**Disconnect EOS**

Canon EOS 40D

Battery Level: 50%
Cam Temp: n/a

| LiveView active | Single Shot active | Noise Reduction | Object catalog |
|---|---|---|---|
| Zoom active | Sequence active | Mirror lock enabled | FoV defined |
| ASCOM connected | Telescope slews | Telescope tracks | |

**Focusing / Positioning** | Single Shot | Sequence Shooting | Quality Control | Image | ASCOM | Settings

**Stop LV** | Show Pic | Get Pic | Single Shot ▾

Coordinates on mouse position:
3h 47m 28s
+24° 58m 11s

N

18 Tau 5.6

I1090

221 Tau 6.548

Tau Geta 4.3

N1432

28 Tau 5.1
E
Atlas
3h50m

M45 ON Pleiades

16 Tau 5.5

Electra

I0340

W

6.2

N1435

RA : 3h 47m 48s
DEC: +24° 9m 21s
FoV: 02°38'58'' X 01°45'59''
Res: 2,454''/Pixel
FL: 480

5.5

S

**Focusing**

Zoom Level

1 x

1x

Res

Zoom and
mark structure
for focusing

**View Angle**
- | - Top View

- | - Side View

0  90 180 270°

Zoom Points

| C | 1 | 2 |
| M | 3 | 4 |

Frame Size

Color Channel  RGB ▾
Display Mode  Default ▾

Mirror Pic

| H | V |

☐ Inv RA
☐ Inv DEC
Movement
☐ Disable

**Zoom Positioning**

Lock Marker ☑
Outline ☐
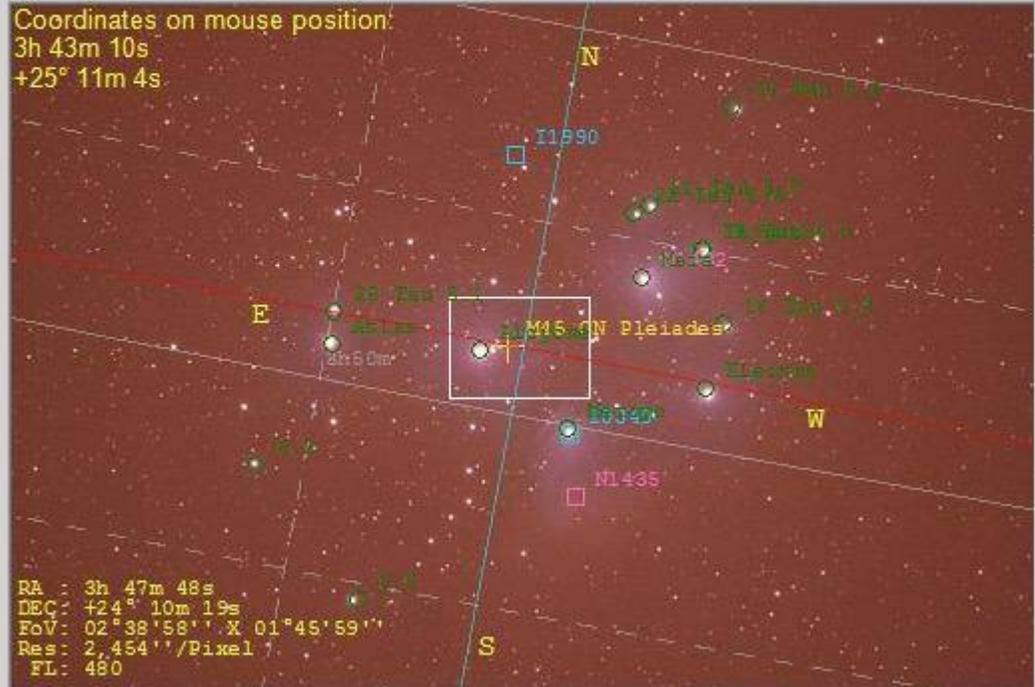Smooth ☐

Black Level

1 ⇅ Stacking

☐ Add/Average

AV  3.5 (1/3) ▾   800 ▾ ISO    Cross Hair  Normal ▾

TV  Bulb ▾   1  Secs    Rotation 10,6 ⇅ Res

☑ Show Infos
☑ Show Objects
☑ Show Coordinate Grid
☑ Show Mouse Coordinates

Zoom

Move Marker ☐

| | U | |
| L | C | R |
| | D | |

Focus

| >>> | >> | > |
| <<< | << | < |

AstrojanTools for Canon EOS 1.5  ASCOM-Release (c)2011-2013 by Jan Spieske. Visit www.astrojantools.de

CLOSE

| Disconnect EOS | Battery Level: 30% | LiveView active | Single Shot active | Noise Reduction | Object catalog |
|---|---|---|---|---|---|
| Canon EOS 40D | Cam Temp:  n/a | Zoom active | Sequence active | Mirror lock enabled | FoV defined |
| | | ASCOM connected | Telescope slews | Telescope tracks | |

**Focusing / Positioning**  |  Single Shot  |  Sequence Shooting  |  Quality Control  |  Image  |  ASCOM  |  Settings

Stop LV  |  Show Pic  |  Get Pic  |  Demo ▾

Coordinates on mouse position:
3h 43m 10s
+25° 11m 4s

N

I1990

E

M45 Pleiades

W

N1435

S

RA : 3h 47m 48s
DEC: +24° 10m 19s
FoV: 02°38'58'' X 01°45'59''
Res: 2,454''/Pixel
FL: 480

Focusing

Zoom Level

Res

1x

1x

Zoom and
mark structure
for focusing

View Angle
- - Top View

- - Side View

0  90 180 270°

Zoom Points

C | 1 | 2
M | 3 | 4

Frame Size

Color Channel  RGB ▾
Display Mode  Default ▾

Zoom Positioning

Lock Marker ☑
Outline ☐
Smooth ☐

Mirror Pic

H | V

☐ Inv RA
☐ Inv DEC

Movement
☐ Disable

Zoom

Black Level

1 ▾ Stacking
☐ Add/Average

| AV | 3.5 (1/3) ▾ | 800 ▾ ISO | Cross Hair | Normal ▾ | ☑ Show Infos | | |
|---|---|---|---|---|---|---|---|
| TV | Bulb ▾ | 1  Secs | Rotation | 10,6 ▾  Res | ☑ Show Objects | | |

☑ Show Coordinate Grid
☑ Show Mouse Coordinates

Move Marker ☐

U
L | C | R
D

Focus
>>> | >> | >
<<< | << | <

**File Name Format**

Include:  Date ☑  Time ☑  TV,AV,ISO ☑  Temperature ☑  Focal Length ☑  Picture Prefix M45

Example:  \Lights\Light_13-02-04_211344_M45_TV{60}_AV{4_5}_ISO{400}_FL{480}_TEMP{16}_1.CR2

1 ⇕ Rounds  0  Delay First Shot (Secs)  Start at Date/Time: ☑ 04.02.13 21:13:10 ⇕

| Type | Shots | Tv | B-Secs | Av | ISO | Pause | Status | Done |
|---|---|---|---|---|---|---|---|---|
| Light ▾ | 10 | Bulb ▾ | 300 | 4.5 ▾ | 400 ▾ | 3 | | 0 |
| Light ▾ | 10 | Bulb ▾ | 500 | 4.5 ▾ | 400 ▾ | 3 | | 0 |
| Light ▾ | 10 | Bulb ▾ | 600 | 4.5 ▾ | 400 ▾ | 3 | | 0 |
| ▸ Light ▾ | 10 | Bulb ▾ | 600 | 4.5 ▾ | 400 ▾ | 3 | | 0 |

Light
Dark
Flat
Bias

New

| | Overall | Elapsed | Remaining |
|---|---|---|---|
| Exposure Current Shot: | 0h 0m 0s | 0h 0m 0s | 0h 0m 0s |
| Exposure Sequence: | 5h 33m 19s | 0h 0m 0s | 5h 33m 19s |
| Duration Sequence (est.): | 5h 38m 37s | 0h 0m 0s | 5h 35m 17s |
| Current Action: | None | | |

New
U
Down
Delete

New
Load  Save
[new]

◂ download
PREV.

Power

AstrojanTools for Canon EOS 1.5  ASCOM-Release (c)2011-2013 by Jan Spieske. Visit www.astrojantools.de    CLOSE

| Disconnect EOS | Battery Level: 80% | LiveView active | Single Shot active | Noise Reduction | Object catalog |
| | Cam Temp:  n/a | Zoom active | Sequence active | Mirror lock enabled | FoV defined |
| Canon EOS 40D | | ASCOM connected | Telescope slews | Telescope tracks | |

| Focusing / Positioning | Single Shot | Sequence Shooting | Quality Control | Image | ASCOM | Settings |

### Corners and Center



### Overview / Zoom



Get Pic

File

☐ Show full image

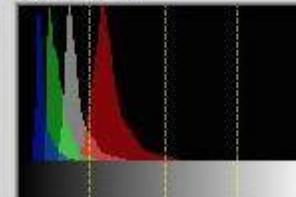### Star Profile

FWHM:17,48"



### View Angle

- | - Top View

- | - 

- | - Side View

### Histogram



Show
☑ Red
☑ Green
☑ Blue
☑ Brightness