ZWO ASI 导星相机 快速指南

V 3.0

非常感谢购买ZWO ASI系列相机。该快速指南是一个简短的操作指导，可以让您快速运行起相机。

如果想了解更多关于相机使用的知识，请访问ZWO官网。

如何在电脑上连接相机（以Windows为例）

1. 打开官方网站 https://www.zwoastro.cn/，
选择【软件下载】。

2. 点击下载【ASIStudio】和【ASI 相机驱动】。
*根据电脑的系统，如果是64位系统请直接点击下载按钮，如果是32位系
统请选择: 其他版本X86

3. 打开ASIStudio，选择行星摄影软件【ASICap】，单击打开。

如何使用导星相机 (以导星镜为例)

1. 取下相机前端的黑色保护盖 (确认黑色延长筒已接好)

2. 将导星相机装在导星镜上，并拧紧锁紧螺丝

3. 用标配的Type-C数据线，连接导星相机的type-c接口

4. 数据线另一端连接电脑的USB接口

5. 打开ASIcap拍摄软件，点击打开相机按钮，设置参数

6. 调整导星镜调焦旋钮，配合插拔导星相机，使画面清晰即可

使用ASIAIR进行导星

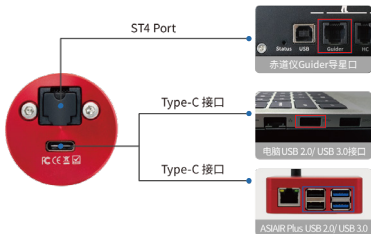1. 在ASIAIR预览界面，点击①打开导星，弹出②导星窗口，点击窗口进入导星页面。

2. 导星页面，①导星校准数据图标，展示赤经赤纬的导星方向。

3. 开启导星：点击⑤【EXP】设置导星曝光时间，推荐设置1-2秒曝光时间，然后点击②刷新图像，轻触③开启校准和导星。

④是停止导星图标。

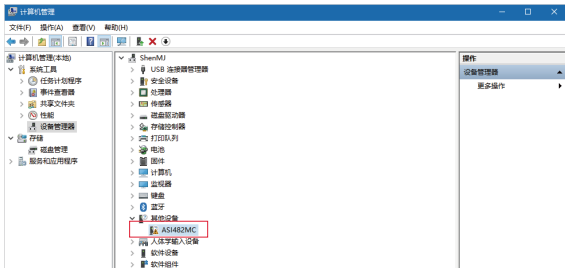⑥导星曲线图标，点击可以打开或关闭导星曲线，可以查看导星误差，调整赤经赤纬修正强度。

连接外部设备

ST4 Port → 赤道仪Guider导星口

Type-C 接口 → 电脑USB 2.0/ USB 3.0接口

Type-C 接口 → ASIAIR Plus USB 2.0/ USB 3.0

常见问题

1、PHD2软件不显示相机?

1.1 检查ASCOM平台和ASCOM驱动是否正确安装。

1.2 检查线缆和USB接口是否正常,设备管理器里面是否识别了导星相机。

2、驱动安装后仍找不到相机?

查看设备管理器,如连接的相机设备旁边显示问号【? 】和叹号【! 】图标,可以尝试去电脑应用程序里卸载删除ZWO ASI Cameras driver驱动,并关闭杀毒软件或者防火墙,重装驱动,重启电脑。

扫码查看快速指南教程

扫码关注公众号

ZWO 官方网址

Scan to watch
operating video

Facebook Page

ZWO WEB

How to connect to external devices ?

ST4 Port — Guide port on mount

Type-C port — USB port on computer

Type-C port — USB port on ASIAIR Plus
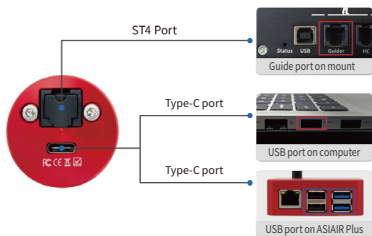
FAQs

1. Why can't I find my camera in PHD2?

1.1 Check if ASCOM Platform and ASCOM driver have been installed properly.

1.2 Check if the cables and USB interfaces are fine without issues.

2. Why can I still not find the camera in PHD2 even I've installed the drivers?

Please check the Device Manager -> Image Device to see if it has the ZWO camera in the list. A question mark or exclamation mark normally indicates the driver is not installed properly. Please uninstall it and close your antivirus software or firewall. Re-install the driver, then restart your computer.
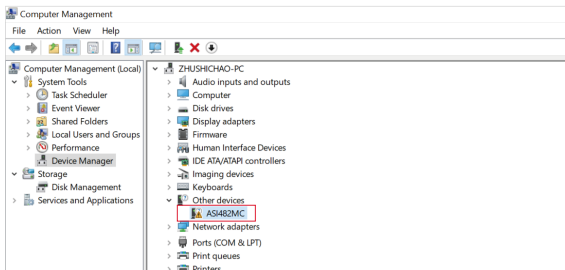
Guide with ASIAIR

1. On Preview, tap the Guide icon ① to get the guide graph pane ②. Then tap the pane to enter the guiding page.
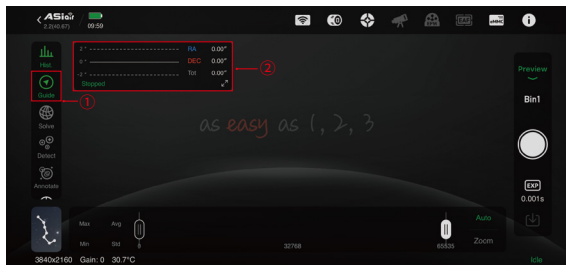

2. On Guiding page: ① Tap this icon for the guider calibration data. It shows the guiding directions in RA and Dec axes.

3. Star guiding: Tap ⑤ [EXP] to set guiding exposure time. It is recommended to set as 1~2s. Tap ② to refresh the image, tap ③ to start calibration.

④: Stop guiding

⑥: Guiding graph icon. Touch this button to turn on or turn off the guiding graph. You can also check the guiding error and adjust the guide aggression in this pane.
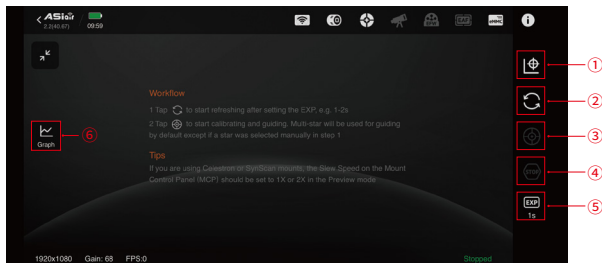
How to use the guide camera ?

1. Unscrew the black protective cap. Make sure the 1.25″ extender is connected to the camera.

2. Insert the guide camera into the guide scope and tighten the fixing screws.

3. Connect the Type-C end of the cable (included in the box) to the guide camera.

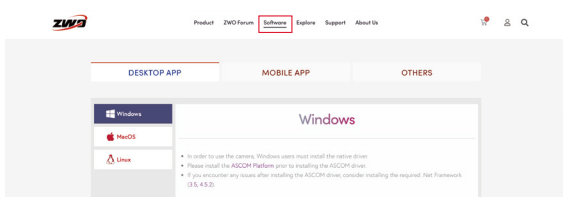4. Connect the USB end of the cable to your computer.

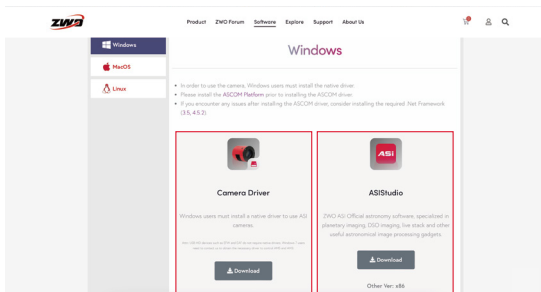5. Open ASICap to bring up the image, adjust the camera settings.

6. Rotate the front part of the guide scope to focus. Get the target as clear as possible.

How to connect to the computer? (For Windows users)

1. Move towards the ZWO official website
https://www.zwoastro.com/ , go [Software].

2. Download [ASIStudio] and [Camera Driver].

3. Double click the files to install ASI Camera driver and ASIStudio. Follow the prompts to complete the installation process.

ZWO ASI Guide Cameras Quick Guide

Thank you very much for purchasing the ZWO ASI camera. This instruction is a brief summary of the installation procedure to get you up and running with your new camera. Please be sure to read it before use.

Please head over to the ZWO website if you want more detailed information on the camera.