

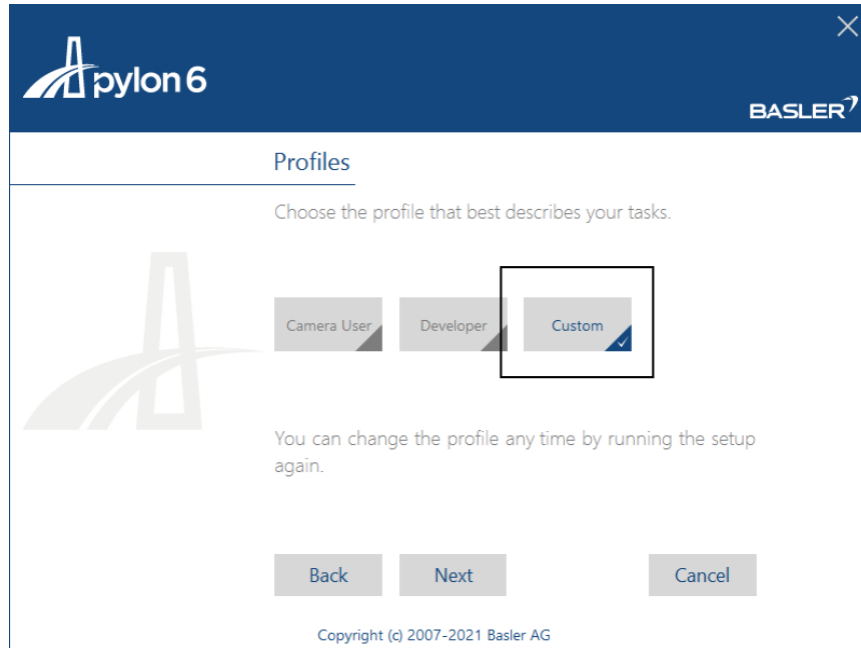
PYLON 6 INSTALLATION INTRODUCTION

The Basler Pylon Camera Software Suite consists of certified drivers and software to get you started with your camera.

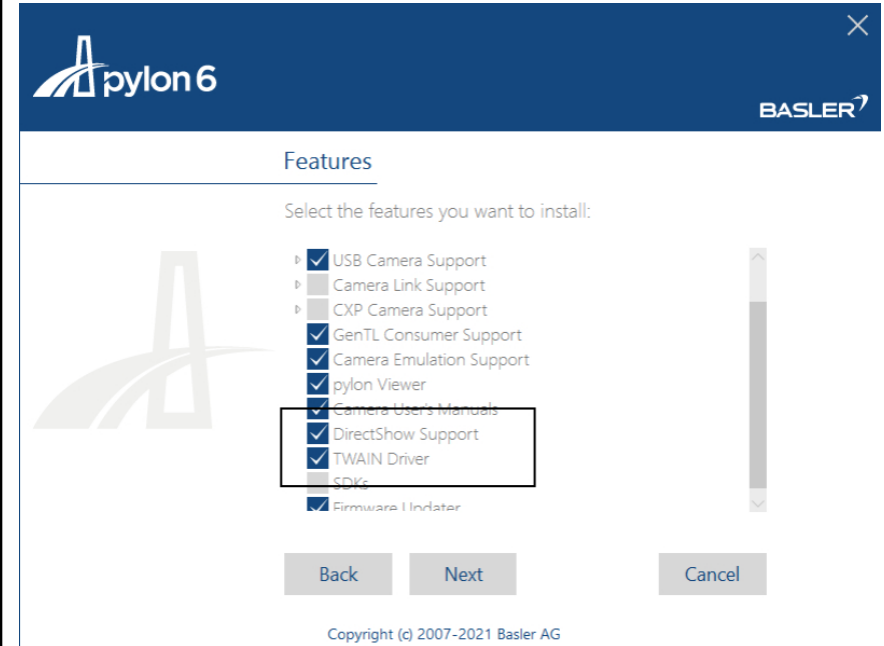
Supports all current Windows versions up to 11. For Linux and Mac please see Basler website.

INSTALLATION

- ▶ On the memory stick provided (along with other files) you will find the Pylon 6 installer file (Basler_Pylon_x.x.x.xxxxx.exe).
- ▶ Double click on the installer file and once you have agreed to the terms and conditions, you will get to the profiles screen below.




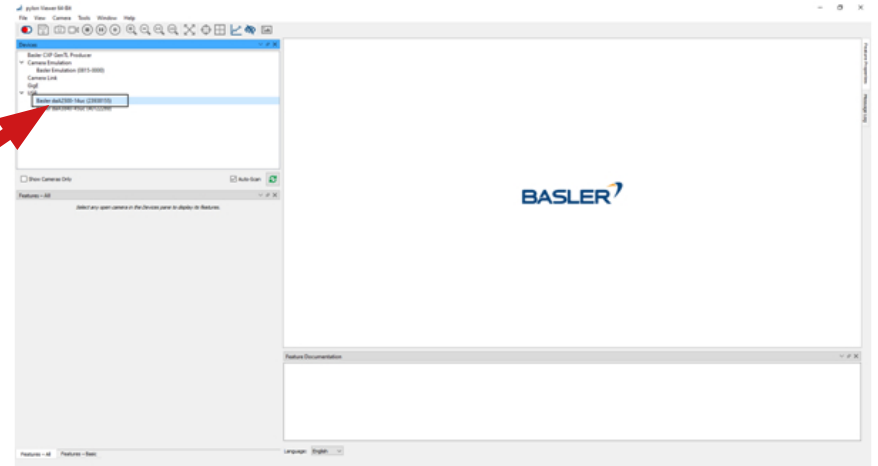
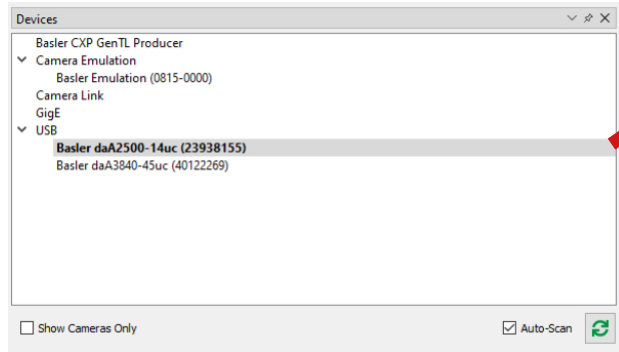
- ▶ Click on the Custom option, the Feature screen shown below will be displayed.




- ▶ Although any of the main features can be selected, the two that must be are DirectShow (for use with ViPlus or D2) and TWAIN (for image capture in graphics packages).
- ▶ With the required features selected, press Next and the Pylon 6 software will begin to install.

PYLON 6 INSTALLATION CONNECTING A CAMERA

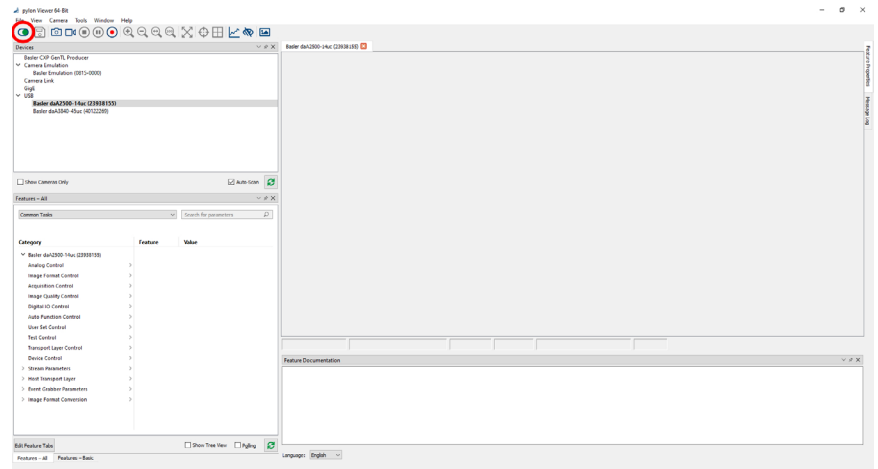
- ▶ Double click on the Pylon software icon  to start the software. The cameras that are connected are shown on the left hand side of the screen (see opposite and below).



- ▶ Select the required camera i.e. the Basler daA2500-14uc.
- ▶ In the top left corner, there is a red switch. Click on this and it will go green and the settings table will populate.
- ▶ The selected camera will now be ready to use.
- ▶ To view live video press the Continuous Shoot icon  on the toolbar.



For further instructions on how to use the Pylon software, select **Help - Get Help** on the toolbar or press **F1** to access the Basler Pylon help centre.



PYLON 6 INSTALLATION USER CAMERA CONTROLS

- ▶ When a camera is open, the image settings can be changed using the controls in the Features box on the bottom left of the screen.
- ▶ Default camera settings are pre-set at the factory and saved onto the camera. A copy of these settings is also on the USB stick provided with the system should they need to be reloaded.
- ▶ To load a settings file select Camera - Load Features from the toolbar then navigate to the settings file supplied with the camera (.pfs format file).

! Settings files can only be loaded when the camera acquisition is stopped.

- ▶ Modified camera settings can be saved using the Camera – Save Feature option on the toolbar, but note that these will need to be reloaded each time the software starts.
- ▶ To load the setting by default when the camera starts, use the User Set Control Feature. Ensure the correct settings are applied to the camera, then stop the video, select User Set Control and change User Set Selector to be User Set X (whichever is desired). Press Execute to save current settings to User Set X, then set User Set Default to User Set X.

