Starfish Driver Installation – Windows 7 64 bit

Minimum System Requirements

- Windows 7, 64 bit.
- USB 2.0 Port (*The camera will not work on a standard USB 1.1 port*).

Starfish driver installation is a two step process for Windows operating systems.

Step 1:

The first step is to run the .exe installer that comes on the CD-ROM included with the camera. *This should occur before plugging in the camera to the computer*. The installer can be found in the PC directory on the CD:

D:\PC\Win7\Starfish_win7_64b_Setup.exe

Running the setup executable will install the necessary firmware, driver, and plugins for third-party applications onto your computer's hard disk drive.



After launching the setup executable, the screenshot above will be the first screen displayed letting you know which driver version is going to be installed. Click the "Next" button.

🔁 Setup - Starfish 64bit Drivers	- • ×
Select Destination Location Where should Starfish 64bit Drivers be installed?	
Setup will install Starfish 64bit Drivers into the following folder.	
To continue, click Next. If you would like to select a different folder, click	Browse.
C:\fishcamp	Browse
At least 3.8 MB of free disk space is required.	
< Back Next >	Cancel

After clicking the 'Next' button from the previous dialog, you will be presented with a location to install the software. It is **important** to used the default 'C:\fishcamp' directory as this is where the driver expects the firmware to be located for the camera. Click the "Next" button.

🔂 Setup - Starfish 64bit Drivers	- • •
Select Start Menu Folder Where should Setup place the program's shortcuts?	
Setup will create the program's shortcuts in the following Start I	Menu folder.
To continue, click Next. If you would like to select a different folder, click	Browse.
Starfish	Browse
< Back Next >	Cancel

This dialog allows you to specify the directory of the start menu's shortcuts. Click the "Next" button.



After setting the installation parameters, all that is left is to click the 'Install' button to finish the setup.



After the installation is completed, this dialog will show to let you know the setup was successful.

😋 🔾 🗢 📙 🕨 Computer	ocal Disk (C:) 🕨 fishcamp 🕨 👻 😽 Sear	ch fishcamp 🔎
Organize 🔻 🛛 Include in lib	/ ▼ Share with ▼ Burn New folder	≣ ▾ 🔟 🔞
Videos	Name Date modified Ty	pe Size
⊳ 🔞 Homegroup	Developer 3/20/2011 4:42 PM File	e folder
	MaxImDL 3/20/2011 4:42 PM File	e folder
4 🖳 Computer 4 🚢 Local Disk (C:)	gdr_usb.hex 1/4/2008 4:57 AM HE	X File 8 KB
 iii fishcamp iiii PerfLogs iiiii Program Files iiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii	Guider_mono_rev16_intel.srec 5/12/2009 7:57 AM SRI	EC File 128 KB
	pro_usp.nex 4/30/2009 10:44 PM PE StarfishPRO4M_rev1_intel.srec 6/5/2010 1:54 PM SRI unins000.dat 3/20/2011 4:42 PM DA	EC File 99 KB
	<mark>⊮ unins000</mark> 3/20/2011 4:42 PM Ap	plication 698 KB
D 🖣 Network		
9 items		

At this point there should exist a 'C:\fishcamp' directory on your computer's hard drive. The contents should resemble the screenshot above.

Step 2:

After installing the setup executable, it is now time to plug in the camera to one of your computer's USB 2.0 ports to install the driver. When the camera is first plugged into your computer, Win7 will try to find drivers for it. If it does not find them, you will see the following message:



To correct this make sure you are logged in to an administrator account and go to the Start->Control Panel menu item:



Then under the 'Hardware and Sound' item, select "View devices and printers".



Under the heading "Unspecified" you may see a device with an orange triangle next to it.



Right-click on the icon and select the "Properties" pop-up menu item. This will bring up the Properties dialog window. Click on the "Hardware" tab.

	Unknown Device Properties General Hardware	— X
	Unknown Device	
	Device Functions:	
	Name	Туре
	🦙 Unknown device	Other devices
	Device Function Summary Manufacturer: Unknown	
	Location: Port_#0001.Hub_#	0002
	Device status: The drivers for this o	device are not installed. (Code 28) Properties
	ОК	Apply
ick the 'Properties' butto	on in the dialog window	

Unknown device Properties	×
General Driver Details	
Unknown device	
Device type: Other devices	
Manufacturer: Unknown	
Location: Port_#0001.Hu	ub_#0002
Device status The drivers for this device are not installed There is no driver selected for the device element. To find a driver for this device, click Upda	d. (Code 28)
	Update Driver
Change settings	
	OK Cancel

We want to update the driver for this device, but the button may be disabled and grayed out. If so, click on the "Change Settings" button. That will enable the "Update Driver" button item.

Unknown	device Properties	;	
General	Driver Details		
1	Unknown device		
	Device type:	Other devices	
	Manufacturer:	Unknown	
	Location:	Port_#0001.Hub_#0002	
Ther elem To fi	e is no driver select ent. nd a driver for this d	ed for the device information se levice, click Update Driver.	tor 👻 👻
		Update	e Driver
		ОК	Cancel

Click on the "Update Driver" button to bring up the next window.



Click the "Browse my computer for driver software" item in the dialog. This will bring up the following window:



In Step 1 of this installation procedure, we installed a copy of the Starfish driver in the C:\fishcamp\Driver directory on your computer. You need to navigate to that directory by hitting the "Browse...: button in the above dialog. Afterwards, click the "Next" button in the lower right hand corner of the window. Windows will display a security window. Click the "Install" button.

🖶 Windows Security	3
Would you like to install this device software? Name: Fishcamp Universal Serial Bus controller Publisher: Fishcamp Engineering	
Always trust software from "Fishcamp Engineering". Install Don't Install)
You should only install driver software from publishers you trust. How can I decide which device software is safe to install?	

After a brief delay, Windows should report that it has successfully updated the driver software for the Starfish camera.



Note: The Starfish camera requires a 2-stage Windows driver. The first stage initializes the camera when it is first connected to the computer. The camera has not performed any initialization at this time and that is why the above dialog box labels the camera as "Starfish RAW camera". You may also have seen this status displayed in the lower right hand corner of your monitor with the following message:



The first time your computer tries to communicate with the camera, it will load the second stage driver code. Windows will automatically do this for you since the above installation procedure included all of the required software files. You may notice the following message displayed in the bottom right hand corner of your monitor:



The second message will refer to the camera as 'Starfish Camera' indicating that the second stage driver has been loaded. After the first time through this routine, the driver installation will be silent every time you attach the camera to your computer.