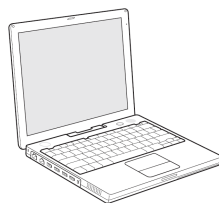


1 What You Need to Get Started

To use an S/Q/TRI-SERIES camera, you need:

- A Windows PC with min 100 BASE-T Ethernet (1000 BASE-T recommended) interface
- CAT 5e Ethernet cable (CAT 6 recommended)
- Power/Trigger Adapter
- Power supply
- AOS Imaging Studio software



2 Installing the Software

Note: Administrator Privileges are required for proper installation of the software! Switch off any Anti-Virus software running on your PC!

Insert the CD and run the setup („AOS Imaging Studio setup.exe“). Follow the instructions on the screen until the installation is finished.

3 Setting up the Network Connection

Deactivate the internal firewall of the PC, open ports for:

Camera:
Ports 2100 and 2101 open
Imaging Studio:
Ports 15'000 – 15'200 open

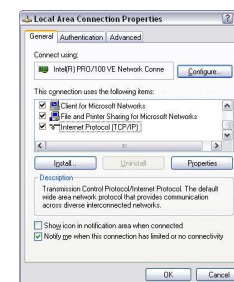


The firewall of Windows can be configured in **Start** ⇒ **Run...** ⇒ enter **“firewall.cpl”**

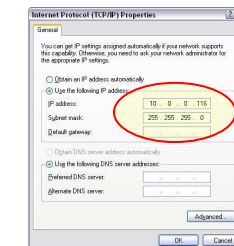
The camera's default network address is:

IP address: 10.0.0.115
Subnet mask: 255.255.255.0

Select **Start** ⇒ **Run...** ⇒ enter **“ncpa.cpl”** and double-click the Ethernet connection used for the camera. Choose **Properties** and scroll down to **Internet Protocol Version 4 (TCP/IPv4)**. Choose it and click **Properties**.

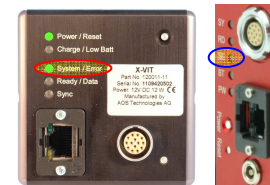


Select **Use the following IP address** and change the network address of your PC to:
IP address: 10.0.0.100
Subnet mask: 255.255.255.0



4 Connecting the Camera

Switch on the camera and wait until the green System LED is constantly on (15 - 20 sec).



When the System LED is on, you can connect the camera to the PC and start Imaging Studio.

Imaging Studio should recognise the camera and show **“LIVE”** mode.



For additional information please also refer to the user's manual. The manual can be found on the enclosed CD (AOS Imaging Studio) or downloaded from the AOS Technologies home page (www.aostechnologies.com/downloads).

Now continue with *Imaging Studio Quick Start Guide* (on reverse).

Installation of camera see on reverse side.

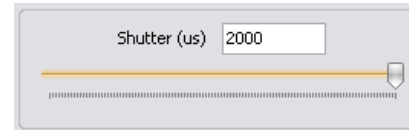
1 Set up the Camera

Camera Settings

- Enter the "Camera Settings" – "Basic Settings" window by clicking on the button on the left hand side of the application.
- Select the horizontal resolution using the **Size X** drop down menu and the vertical resolution using the **Size Y** drop down menu. Select the speed using the **Frame rate** drop down menu. Select the Exposure using the slider below the **Shutter** value.
- The default setting for the Sequence Length is the total available recording time in seconds. To change the sequence length, type the desired number of seconds into the **Sequence Length** text box.
- Select the Pre-trigger time by typing the desired percentage into the **Pre-Trigger %** text box. The **Pre-Trigger Length** text box displays the resulting pre-trigger time.
- Open the **Camera functions** tab to access additional recording and trigger options.
- If using an external trigger, the default setting is a falling edge or closing switch. If a **rising edge or opening switch** is needed choose the corresponding option in the **Camera functions** tab.

2 Display a Live Image

- Click on the **Show live image** or **Show live image low light** button.
- Adjust the exposure (shutter speed) while in



Preview mode by using the **Shutter** slider.

3 Record a Sequence

- Click on the green **Set camera ready for recording** button. You will be asked whether you want to overwrite the image memory inside the camera. The Ready/Data LED on the camera will blink red and green.
- Click on the red **Trigger camera** button or activate the hardware trigger. The red Ready/Data LED will blink red while recording images. It will light up continuously red when the buffer is full.



4 Playback the sequence

- Click on the **Play forward** and **Stop** button to replay the sequence.



5 Cut a Sequence

- Use the Frame Slider to select the first frame you want to download from the camera memory.



- Press the **Mark In** button to select the first frame.
- Select the last frame you want to download and press the **Mark Out** button.



6 Download Sequence

- Press the Download button and choose where to save the sequence.



7 Open a Sequence from the Harddisk

- Press the File Open button and choose the movie file to open.



For additional information please also refer to the user's manual. The manual can be found on the enclosed CD (AOS Imaging Studio) or downloaded from the AOS Technologies home page (www.aostechnologies.com/downloads).