# Mamiya leaf

# Using the USB Interface for Schneider Electronic-Shutter with a Leaf Credo Back

The Schneider USB Interface is designed to enable control of the Schneider Electronic-Shutter system from a PC (Win 2000/XP/Vista/Win7) or Mac (OS X).

Mamiya Leaf and Schneider Kreuznach have been working closely together to provide a seamless integration of the Schneider Electronic Shutter System into the Capture One workflow for tethered shooting.

The computer-based shutter control is now possible by using Capture One in conjunction with Schneider Shutter Control software.

In order to use the USB-Interface for Schneider Electronic-Shutter with a Leaf Credo digital back, you must have the following:

- Leaf Credo digital back
- Schneider electronic shutter lens
- Schneider USB Interface package, which is available from Schneider dealers and includes:
    - USB Interface for Schneider Electronic-Shutter
    - Schneider USB cable
    - Schneider Shutter Control Software (also available from Schneider website)
- Leaf Credo Schneider Integration Package (518-04230A), which is available from Leaf dealers includes:
    - Leaf Schneider Shutter cable 1 m
    - Extension cable
- FireWire or USB 3.0 cable

Schneider USB cable      Leaf Schneider Extension cable
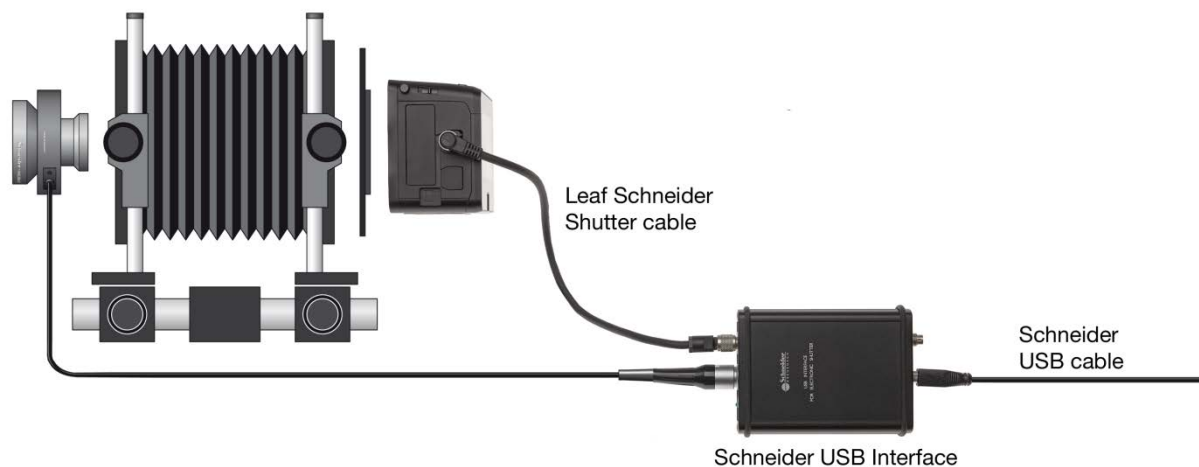


Schneider USB Interface      Leaf Schneider Shutter cable

**Mamiya leaf**

**Digital Back Firmware**
The Leaf Credo firmware should be 1.00.3 or later. The latest firmware is available for download from the Mamiya Leaf website http://www.mamiyaleaf.com/firmware.asp. The firmware release note contains instructions for installing the firmware.

Note: **BEFORE** connecting the Schneider USB-Interface to your computer, install the PC or Mac software from the Schneider software CD.



**Connecting the USB-Interface for Schneider Electronic-Shutter to the Leaf Credo**
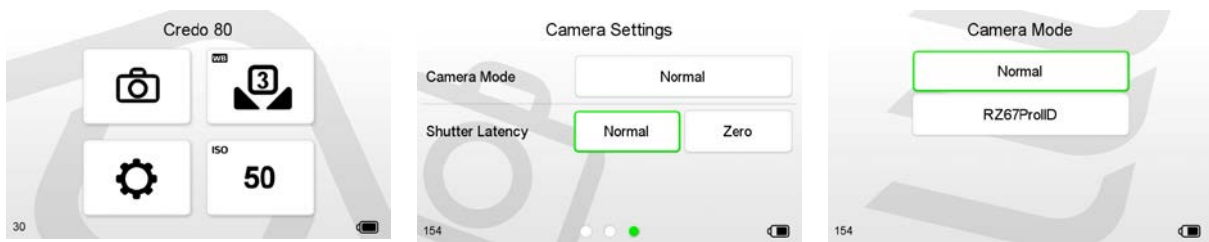To connect the USB-Interface for Schneider Electronic-Shutter to the Leaf Credo:
1. Mount the Leaf Credo back to the camera with an appropriate adapter.
2. Mount a Schneider electronic shutter lens to the camera.
3. Connect the Schneider Shutter cable from the Schneider shutter to the Schneider USB-Interface.
4. Connect the Leaf Shutter cable from the Credo back to the Schneider USB-Interface.
5. Connect the USB cable from the Schneider USB-Interface to a USB port on your computer.
6. Connect a FireWire or USB 3.0 cable from your Credo back to your computer.

**Setting Camera Mode on the Credo**
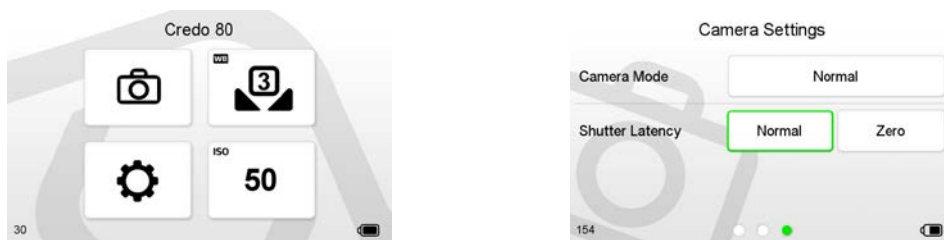Ensure that the Camera Mode is set to Normal:

1. Tap Camera Settings and scroll to the third screen.
2. If the Camera Mode is set to anything other than Normal, tap Camera Mode and select Normal.

## Setting Shutter Latency

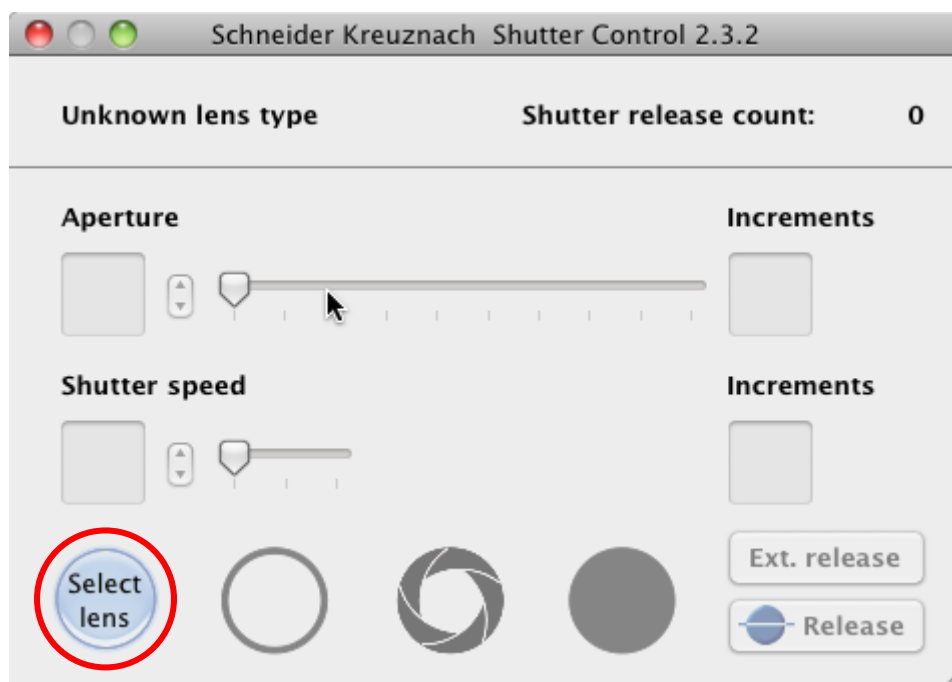Set your Leaf Credo to Normal Latency:

1. Tap Camera Settings and scroll to the third screen.
2. From the Shutter Latency menu, select Normal.



## Using the USB Interface for Schneider Electronic-Shutter with your Leaf Credo Back
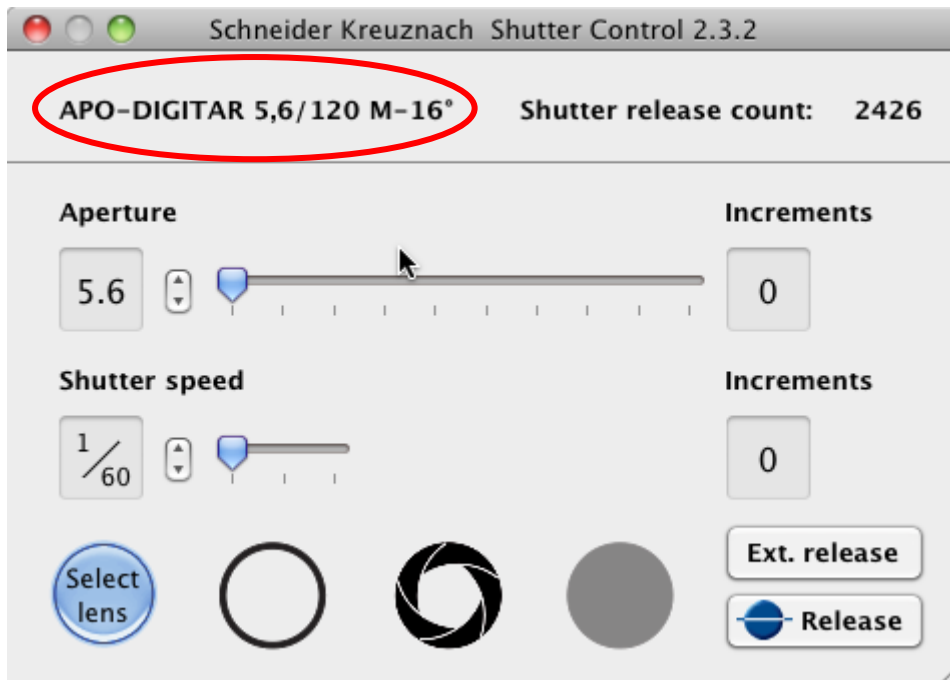
To use the USB Interface for Schneider Electronic-Shutter with your Leaf Credo Back:

1. Launch Capture One and Schneider Kreuznach Shutter Control software.
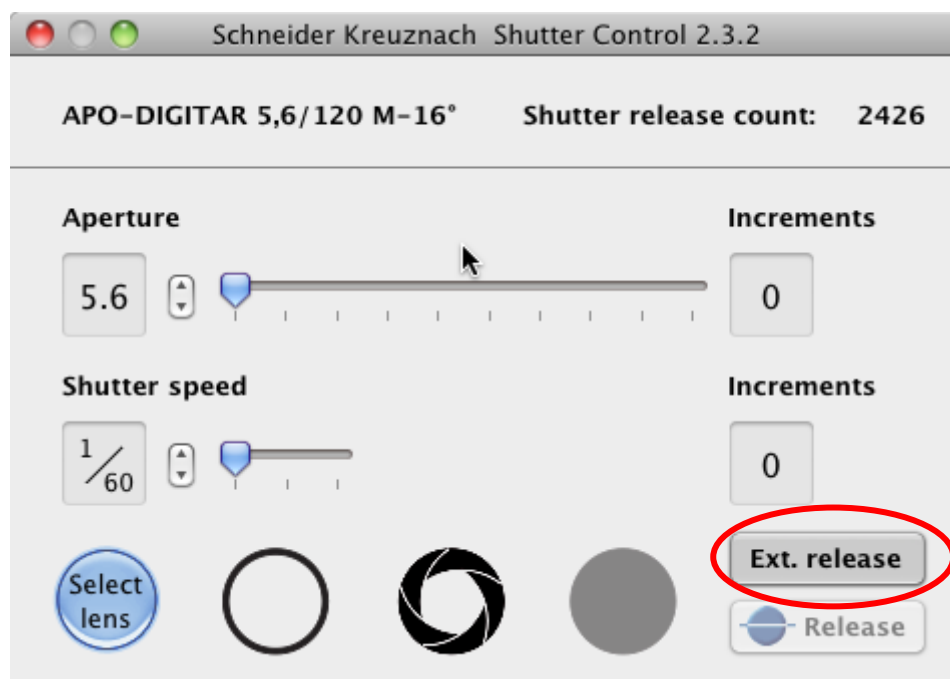
**Mamiya leaf**

2. In the Schneider Kreuznach Shutter Control panel, click **Select lens** to start control of the lens.
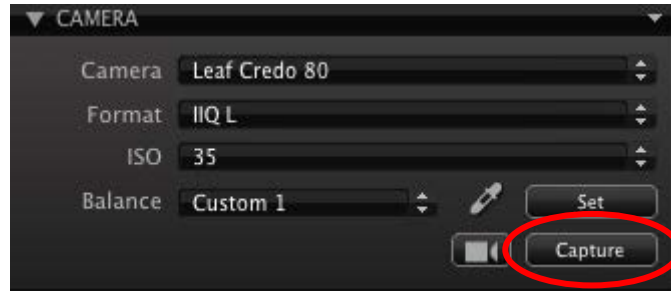
   The lens model appears in the Schneider Kreuznach Shutter Control panel. You now have full control of the lens via the Schneider Kreuznach Shutter Control panel, which appears as a floating palette on the Capture One screen.



3. Select **Ext. release** to enable Capture One to trigger the shutter.

# Mamiya leaf

4.  Trigger the shutter using the **Capture** button in Capture One or via the external Schneider cable release supplied with the Schneider USB Interface.



Note: Capture from the **Release** button in the Schneider Shutter control software is not supported.