



## **PixController Universal Time-Lapse User Switch Settings**

For the following PixController camera controllers: **Sony/Canon LANC camcorder version, and LANC VTR version.**

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The User Control Switch (SW1) will let you customize your time-lapse control board. Here you can adjust the time delay between pictures, operating only at day, night, or 24 hours, capturing Digital Still's or Movie Files, and turning the control board LED's on or off. The PIR motion sensing circuit on your PixController board will not be used in time-lapse mode, therefore you should put switch 9 up, which will turn off the PIR green LED.

**Note1:** When turning power on to your Universal board with the time-lapse PIC chip installed the red LED will turn on for about 3 seconds. This will let you know that the system is doing a self check. Next the LED will turn off for about 1 second. **If you see a blinking red LED it means no LANC signal is found, thus no camcorder is connected.** Then the red LED will turn on again for another 30 seconds before the camera becomes active. After this time period the first photo will be taken, then the controller will go into a sleep mode until the next photo interval is set to happen.

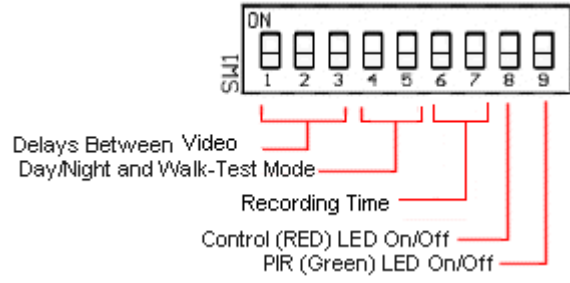
### **Powering up your LANC Universal Time-Lapse Board**

When applying power to your LANC configured Universal board you must follow these steps:

1. Start with both the camcorder off and the Universal board off.
2. Plug the 2.5mm cable in between the camcorders LANC port and the Universal boards 2.5mm port.
3. Power on the camcorder (in standby mode - not locked).
4. Power on the Universal board.

After these steps have been followed correctly you should see the camcorder power down after about 5 seconds of applying power to the Universal board. If you get a series of 5 blinks on the red LED this means the Universal board cannot "see" the camcorder. This can mean you don't have the 2.5mm cable plugged all the way into either the Universal board, or camcorder, or you have not configured the Universal boards 2.5mm port yet.

If you see a blinking green LED this means you powered up/down the LANC board too quickly. Please power down the camcorder and Universal board, and unplug the 2.5mm cable, wait for 30-60 seconds, then follow steps 1-4.



*Modes of Switch Operation*

**Default Setting**

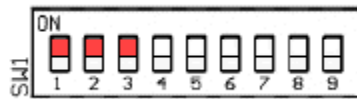


*All switches "UP".*

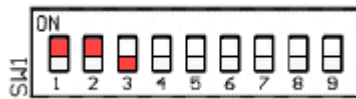
**Red indicated the switch position for all graphics below.**

**Delays Between Video Shots Setting**

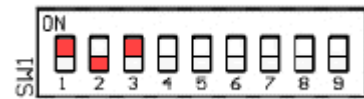
Switches 1, 2, and 3 control the delays between video shots.



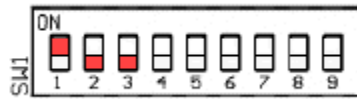
*1 Minute*



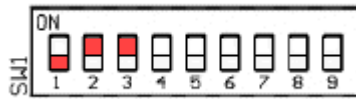
*15 Minutes*



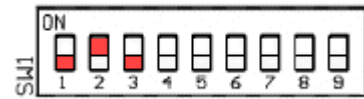
*30 Minutes*



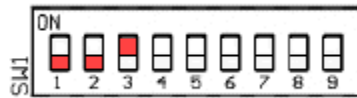
*1 Hour*



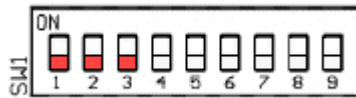
*6 Hours*



*12 Hours*



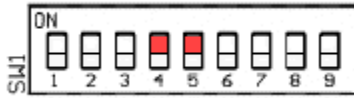
*24 Hours*



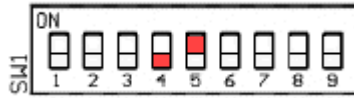
*48 Hours*

## **Day/Night Operation Settings**

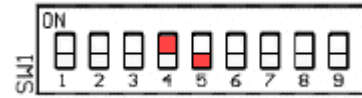
Switches 4 and 5 control Daylight, Night Time, and 24 Hour recording or pictures.



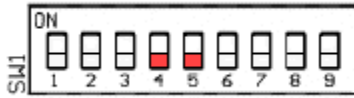
*24 Hour Operation  
(External light port active only at night)*



*Night Only Operation*



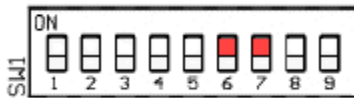
*Day Only Operation*



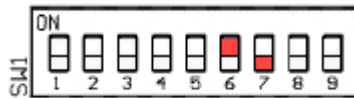
*PIR Walk-Test Mode  
(External light port active all the time)*

## **Camcorder Recording Time**

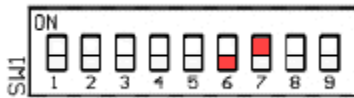
Switch 6 and 7 sets the recording time of the camcorder or VTR.



*0.25 seconds*



*0.50 seconds*



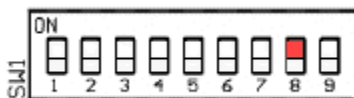
*0.75 seconds*



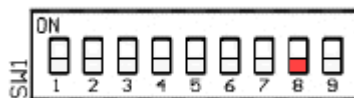
*1.00 seconds*

## **Control LED On/Off Setting**

Switch 8 sets if the Control LED (Red LED) is to be used or not. Note, the control LED will always be on during the Power-Up Phase.



*Control LED On*



*Control LED Off*

## **PIR LED On/Off Setting**

Switch 9 sets if the PIR LED (Green LED) is to be used or not.



### **Note:**

**When changing switch setting you must re-boot your *PixController* board. When re-booting you must wait approximately 30 seconds before turning power on again. Not doing so can result in the controller not working properly. Symptoms of this are a dim red LED or blinking green LED, or both.**

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