



## Sony DSC-S40 and Sony DSC-S600 User Switch Settings

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Now supports Trail Mode™



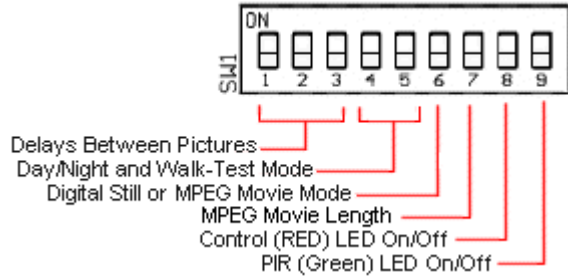
**Trail Mode™** is an exclusive feature developed by PixController, Inc. When setup in this mode your trail camera will keep the digital camera powered up after taking the first photo and will be take any subsequent photos can be taken in 3 seconds with a trigger time of 1/10 second for a time window of 30 seconds. In the case a subsequent photo is taken the *window time period* is pushed out another 30 seconds ensuring you will capture all animals traveling together on a trail. This will allow you to capture all of the animals coming down a trail and not capture the first animal only.

For more information please see:

<http://www.pixcontroller.com/TrailMode/TrailMode.htm>

The User Control Switch (SW1) will let you customize your Universal control board. Here you can adjust the time delay between pictures, operating only at day, night, or 24 hours, setting up a walk-test mode for testing PIR range/area, capturing Digital Still's or Movie Files, and turning the control board LED's on or off.

**Note1:** When turning power on to your Universal board both the red and green LED will light up. They will both stay on for 30 seconds. This time will allow the PIR circuit to warm up. After this time expires the green LED will turn off and the red LED will blink 5 times letting you know that the board is entering a 1 minute automatic walk-test phase. At this point you can move around the camera setup and check out the PIR area. Both the green and red LED's will light when motion is detected. After the 1 minute automatic walk-test phase expires the red LED will blink 5 times letting you know the camera system will now become active.



*Modes of Switch Operation*

**Default Setting**



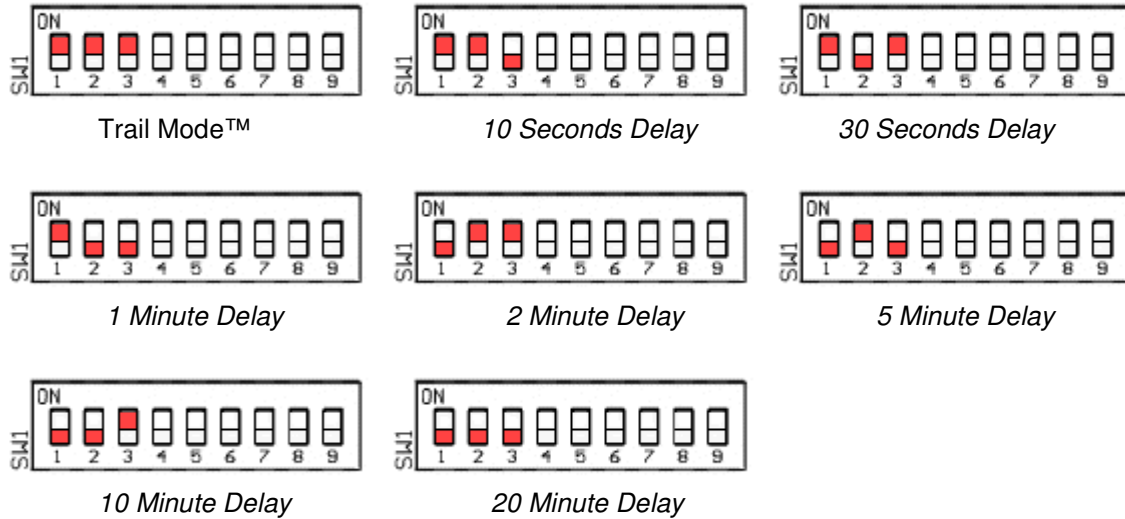
All switches “UP” except switch 9 which is “DOWN”.

*Trail Mode, 24 Hour Recording, 15 second MPEG movie length, Capture Still Picture, Control LED On, PIR LED On.*

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

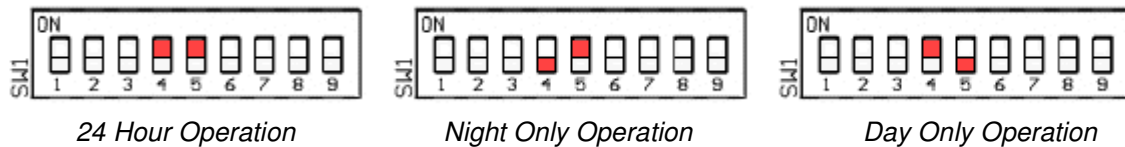
**Delays Between Pictures Setting**

Switches 1, 2, and 3 control the delays between pictures.



**Day/Night Operation Settings**

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



## **PIR Walk-Test Mode**

On boot up of the PixController this setting will put the unit into a PIR Walk-Test mode. Here you can check out the PIR detection area without having the unit take photos. When booting the PixController into this mode the RED Control LED and Green PIR LED will stay on for about 30 seconds. This is when the PIR is warming up. After this period of time has expired you are free to walk and test the PIR area.

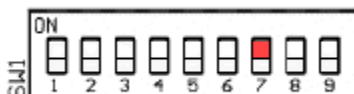
**Note:** To put the PixController back into “Photo Taking Mode” change the switch settings of switch 4 and 5 to one of the three options above under the Day/Night Operation Setting, and power the PixController unit Off and On from the external power switch.



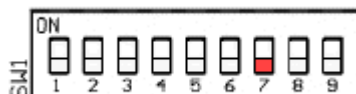
*PIR Walk-Test Mode*

## **Picture Capture Setting**

Switch 6 will allow the user to adjust how the camera shutter will function. The normal “Still Picture Setting” this will shutter the camera once to take a still photo. In the “Movie/Double Photo Mode” the shutter will be held open for 15-20 seconds for movie taking, or taking another still photo seconds after the first photo.



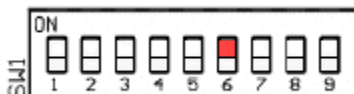
*Still Picture Setting*



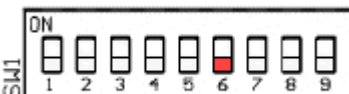
*Movie/Double Photo Mode Setting*

## **Movie Length**

Switch 7 sets the length of the movie captured.



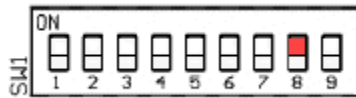
*15 second movie*



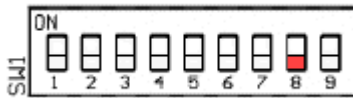
*20 second movie*

## **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, or when in Walk-Test Mode.



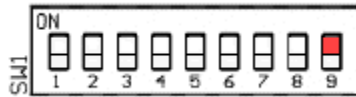
Control LED On



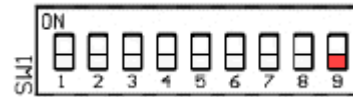
Control LED Off

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

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



PIR LED On



PIR LED Off

### **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.**

### **For fastest shutter times set your Sony camera setting up as:**

- Leave the camera on -program- setting
- Exposure Value(EV) set to -OEV-
- Focus set to -Multi AF-
- White Balance left on -Auto-
- ISO set to -400- (S40), 1000 ISO (S600)
- Picture quality set to -Standard- (you can use Fine, which will produce a slightly sharper picture, but it will greatly diminish the amount of pictures you can take)
- REC mode must be set to -Normal-
- Flash level set to - + -
- P.Effect -Off-
- Saturation, Contrast, and Sharpness set to -Normal-
- Red eye reduction turned Off
- AF Illuminator turned Off.
- Date/Time stamp On.
- Digital Zoom -Off-
- Beep turned Off.
- Image size 1MP. (This too allows more pics per MB of memory. If you plan on printing your pictures or taking far off shots that will require you to zoom in on the image, use a larger size, 1MP will work very well for general scouting purposes)
- With P.Quality at standard and a 1MP size image you will get 93 pictures with the internal 32MB of memory.
- Make sure your camera is set to picture or movie mode depending on your preference, not view mode.

Make sure that you turn your LCD screen off while in the field as well, it reduces shutter time and is VERY advantageous to battery life.

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